

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: P1027544

Luminaire Tested: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1027544  
REPORT IS A COMBINATION OF REPORTS P1001552 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DIP-B1270D1090UB35-4F0-XX-W2A-A  
Description: Define 5 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

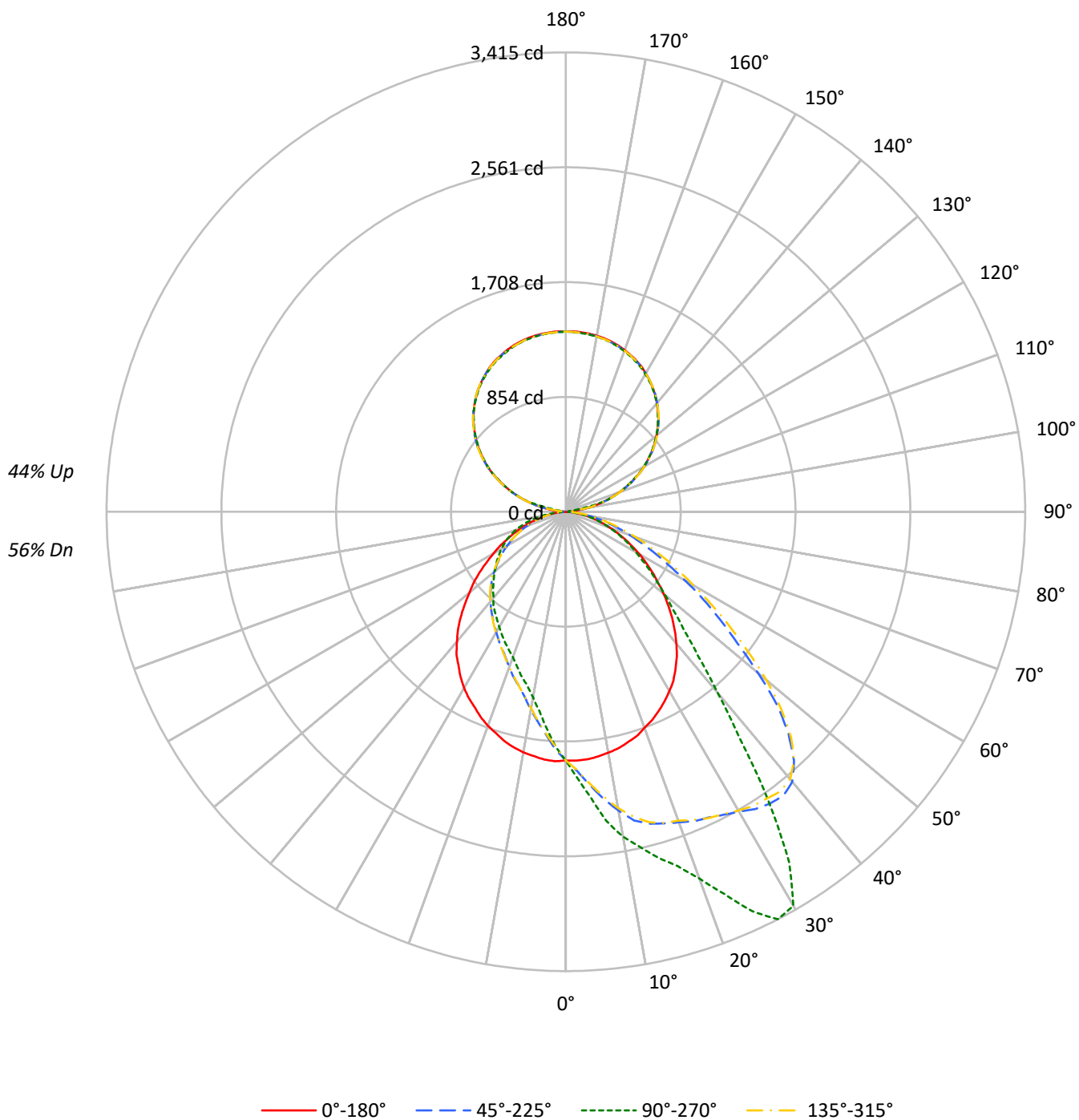
Lumens per Lamp: N/A  
Luminaire Lumens: 9333.0 lumens  
Efficiency: N/A  
Efficacy: 103.9 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 89.8  
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: P1027544

CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1027544

CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**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 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
| 0   | 109 | 109 | 109 | 109 | 101 | 101 | 101 | 101 | 87 | 87 | 87 | 74 | 74 | 74 | 62 | 62 | 62 |
| 1   | 99  | 95  | 91  | 88  | 92  | 89  | 85  | 82  | 76 | 74 | 72 | 65 | 63 | 62 | 55 | 54 | 53 |
| 2   | 91  | 83  | 77  | 72  | 84  | 78  | 72  | 68  | 67 | 63 | 60 | 58 | 55 | 52 | 49 | 46 | 45 |
| 3   | 83  | 73  | 66  | 60  | 77  | 69  | 62  | 57  | 59 | 55 | 51 | 51 | 47 | 44 | 43 | 40 | 38 |
| 4   | 76  | 65  | 57  | 51  | 70  | 61  | 54  | 49  | 53 | 48 | 43 | 46 | 41 | 38 | 39 | 36 | 33 |
| 5   | 70  | 58  | 50  | 44  | 65  | 54  | 47  | 42  | 47 | 42 | 37 | 41 | 37 | 33 | 35 | 32 | 29 |
| 6   | 64  | 52  | 44  | 38  | 60  | 49  | 42  | 36  | 43 | 37 | 33 | 37 | 33 | 29 | 32 | 28 | 25 |
| 7   | 59  | 47  | 39  | 34  | 55  | 44  | 37  | 32  | 39 | 33 | 29 | 34 | 29 | 26 | 29 | 25 | 23 |
| 8   | 55  | 43  | 35  | 30  | 51  | 40  | 33  | 28  | 35 | 30 | 26 | 31 | 26 | 23 | 27 | 23 | 20 |
| 9   | 51  | 39  | 32  | 27  | 48  | 37  | 30  | 25  | 33 | 27 | 23 | 28 | 24 | 21 | 25 | 21 | 18 |
| 10  | 48  | 36  | 29  | 24  | 45  | 34  | 27  | 23  | 30 | 24 | 21 | 26 | 22 | 19 | 23 | 19 | 17 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 11845 | 11845 | 11845 | 11845 |
| 5°  | 11854 | 13437 | 11865 | 10195 |
| 10° | 11782 | 15316 | 11762 | 8751  |
| 15° | 11695 | 16607 | 11623 | 7907  |
| 20° | 11548 | 18198 | 11442 | 7218  |
| 25° | 11417 | 20852 | 11209 | 6810  |
| 30° | 11228 | 21998 | 11034 | 6441  |
| 35° | 10930 | 17634 | 10701 | 6144  |
| 40° | 10465 | 12188 | 10311 | 5831  |
| 45° | 9878  | 9073  | 9767  | 5571  |
| 50° | 9206  | 7470  | 9054  | 5361  |
| 55° | 8481  | 6371  | 8413  | 5181  |
| 60° | 7769  | 5454  | 7633  | 5041  |
| 65° | 7000  | 4710  | 6888  | 4835  |
| 70° | 6190  | 3910  | 6107  | 4479  |
| 75° | 5330  | 3024  | 5260  | 3888  |
| 80° | 4211  | 2046  | 4059  | 2859  |
| 85° | 2693  | 1023  | 2601  | 1458  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 18093 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 177.9  | 1.9       |
| 10°-20°   | 530.0  | 5.7       |
| 20°-30°   | 860.9  | 9.2       |
| 30°-40°   | 1052.2 | 11.3      |
| 40°-50°   | 954.4  | 10.2      |
| 50°-60°   | 760.2  | 8.1       |
| 60°-70°   | 529.4  | 5.7       |
| 70°-80°   | 282.1  | 3.0       |
| 80°-90°   | 71.9   | 0.8       |
| 90°-100°  | 45.4   | 0.5       |
| 100°-110° | 302.3  | 3.2       |
| 110°-120° | 544.3  | 5.8       |
| 120°-130° | 698.7  | 7.5       |
| 130°-140° | 751.4  | 8.1       |
| 140°-150° | 705.3  | 7.6       |
| 150°-160° | 570.5  | 6.1       |
| 160°-170° | 368.9  | 4.0       |
| 170°-180° | 127.2  | 1.4       |
| 0°-30°    | 1568.8 | 16.8      |
| 0°-40°    | 2621.0 | 28.1      |
| 0°-60°    | 4335.5 | 46.5      |
| 0°-90°    | 5219.0 | 55.9      |
| 90°-120°  | 892.0  | 9.6       |
| 90°-150°  | 3047.4 | 32.7      |
| 90°-180°  | 4114.0 | 44.1      |
| 0°-180°   | 9333.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1849 | 1849 | 1849 | 1849 | 1849 |      |
| 5°   | 1847 | 2133 | 1849 | 1618 | 1847 | 175  |
| 15°  | 1775 | 2663 | 1764 | 1268 | 1775 | 501  |
| 25°  | 1634 | 3277 | 1604 | 1070 | 1634 | 752  |
| 35°  | 1422 | 2630 | 1392 | 916  | 1422 | 888  |
| 45°  | 1117 | 1240 | 1105 | 761  | 1117 | 861  |
| 55°  | 786  | 764  | 780  | 622  | 786  | 703  |
| 65°  | 486  | 469  | 479  | 482  | 486  | 483  |
| 75°  | 235  | 231  | 232  | 297  | 235  | 250  |
| 85°  | 47   | 52   | 46   | 74   | 47   | 56   |
| 90°  | 1    | 24   | 1    | 24   | 1    | 6    |
| 95°  | 57   | 21   | 57   | 21   | 57   | 69   |
| 105° | 292  | 295  | 292  | 295  | 292  | 309  |
| 115° | 548  | 544  | 548  | 544  | 548  | 543  |
| 125° | 779  | 779  | 779  | 779  | 779  | 696  |
| 135° | 972  | 968  | 972  | 968  | 972  | 749  |
| 145° | 1127 | 1124 | 1127 | 1124 | 1127 | 705  |
| 155° | 1241 | 1232 | 1241 | 1232 | 1241 | 572  |
| 165° | 1310 | 1303 | 1310 | 1303 | 1310 | 370  |
| 175° | 1339 | 1333 | 1339 | 1333 | 1339 | 128  |
| 180° | 1339 | 1339 | 1339 | 1339 | 1339 |      |

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CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 |
| 2.5°   | 1851.9 | 1862.9 | 1875.5 | 1884.9 | 1900.6 | 1905.3 | 1913.1 | 1917.8 | 1922.5 | 1927.3 | 1930.4 |
| 5°     | 1847.2 | 1873.9 | 1897.4 | 1914.7 | 1944.5 | 1955.5 | 1969.6 | 1986.9 | 2007.3 | 2024.6 | 2035.5 |
| 7.5°   | 1834.7 | 1877.0 | 1908.4 | 1942.9 | 1983.8 | 2010.4 | 2024.6 | 2060.7 | 2093.6 | 2118.7 | 2151.7 |
| 10°    | 1819.0 | 1869.2 | 1917.8 | 1969.6 | 2027.7 | 2057.5 | 2085.8 | 2136.0 | 2181.5 | 2222.3 | 2255.3 |
| 12.5°  | 1801.7 | 1862.9 | 1921.0 | 1988.5 | 2066.9 | 2103.0 | 2121.9 | 2208.2 | 2264.7 | 2286.7 | 2351.0 |
| 15°    | 1775.0 | 1847.2 | 1930.4 | 2013.6 | 2079.5 | 2121.9 | 2173.7 | 2242.7 | 2299.2 | 2347.9 | 2399.7 |
| 17.5°  | 1749.9 | 1828.4 | 1913.1 | 2005.7 | 2101.5 | 2156.4 | 2195.6 | 2256.8 | 2318.0 | 2380.8 | 2429.5 |
| 20°    | 1709.1 | 1811.1 | 1897.4 | 1996.3 | 2109.3 | 2148.5 | 2189.3 | 2261.5 | 2327.5 | 2394.9 | 2456.2 |
| 22.5°  | 1676.1 | 1773.5 | 1891.2 | 1985.3 | 2081.1 | 2120.3 | 2170.5 | 2245.8 | 2324.3 | 2401.2 | 2490.7 |
| 25°    | 1633.8 | 1742.1 | 1844.1 | 1944.5 | 2043.4 | 2085.8 | 2131.3 | 2228.6 | 2310.2 | 2409.1 | 2507.9 |
| 27.5°  | 1588.3 | 1699.7 | 1801.7 | 1892.7 | 1985.3 | 2043.4 | 2092.0 | 2194.1 | 2302.3 | 2410.6 | 2539.3 |
| 30°    | 1539.6 | 1644.8 | 1742.1 | 1831.5 | 1933.5 | 1993.2 | 2041.8 | 2161.1 | 2281.9 | 2420.1 | 2573.9 |
| 32.5°  | 1487.8 | 1586.7 | 1669.9 | 1760.9 | 1869.2 | 1924.1 | 1990.0 | 2120.3 | 2263.1 | 2427.9 | 2620.9 |
| 35°    | 1421.9 | 1516.1 | 1589.8 | 1682.4 | 1790.7 | 1861.3 | 1930.4 | 2076.4 | 2242.7 | 2426.3 | 2647.6 |
| 37.5°  | 1356.0 | 1429.7 | 1500.4 | 1599.2 | 1724.8 | 1789.1 | 1861.3 | 2021.4 | 2211.3 | 2421.6 | 2658.6 |
| 40°    | 1277.5 | 1349.7 | 1410.9 | 1511.4 | 1643.2 | 1717.0 | 1792.3 | 1960.2 | 2175.2 | 2404.4 | 2619.4 |
| 42.5°  | 1199.0 | 1260.2 | 1327.7 | 1432.9 | 1560.0 | 1638.5 | 1718.5 | 1905.3 | 2128.1 | 2354.1 | 2511.1 |
| 45°    | 1117.4 | 1164.5 | 1238.3 | 1334.0 | 1469.0 | 1544.3 | 1635.3 | 1837.8 | 2062.2 | 2263.1 | 2341.6 |
| 47.5°  | 1032.7 | 1079.8 | 1148.8 | 1241.4 | 1374.8 | 1464.3 | 1550.6 | 1753.0 | 1979.0 | 2134.4 | 2134.4 |
| 50°    | 951.1  | 988.7  | 1056.2 | 1148.8 | 1283.8 | 1365.4 | 1453.3 | 1668.3 | 1850.4 | 1964.9 | 1862.9 |
| 52.5°  | 863.2  | 905.6  | 962.1  | 1059.4 | 1192.8 | 1266.5 | 1362.3 | 1545.9 | 1718.5 | 1765.6 | 1608.7 |
| 55°    | 786.3  | 820.8  | 874.2  | 966.8  | 1090.8 | 1167.7 | 1249.3 | 1425.0 | 1571.0 | 1567.9 | 1399.9 |
| 57.5°  | 706.2  | 734.5  | 791.0  | 875.7  | 990.3  | 1059.4 | 1141.0 | 1293.2 | 1412.5 | 1370.1 | 1211.6 |
| 60°    | 632.5  | 652.9  | 707.8  | 776.9  | 886.7  | 951.1  | 1029.5 | 1153.5 | 1244.6 | 1184.9 | 1024.8 |
| 62.5°  | 555.6  | 579.1  | 623.1  | 690.5  | 787.9  | 839.6  | 897.7  | 1023.3 | 1081.3 | 1028.0 | 864.8  |
| 65°    | 486.5  | 505.4  | 544.6  | 601.1  | 689.0  | 736.1  | 786.3  | 889.9  | 944.8  | 867.9  | 732.9  |
| 67.5°  | 417.5  | 439.4  | 467.7  | 517.9  | 587.0  | 630.9  | 674.9  | 764.3  | 789.4  | 720.4  | 607.4  |
| 70°    | 353.1  | 372.0  | 398.6  | 434.7  | 492.8  | 532.0  | 565.0  | 638.8  | 656.0  | 591.7  | 502.2  |
| 72.5°  | 290.3  | 302.9  | 324.9  | 354.7  | 408.1  | 430.0  | 464.6  | 514.8  | 536.7  | 478.7  | 414.3  |
| 75°    | 235.4  | 244.8  | 259.0  | 280.9  | 317.0  | 340.6  | 368.8  | 415.9  | 414.3  | 373.5  | 328.0  |
| 77.5°  | 182.1  | 183.6  | 199.3  | 219.7  | 241.7  | 262.1  | 276.2  | 309.2  | 312.3  | 287.2  | 249.5  |
| 80°    | 130.3  | 135.0  | 141.2  | 156.9  | 175.8  | 183.6  | 200.9  | 221.3  | 224.4  | 205.6  | 180.5  |
| 82.5°  | 83.2   | 86.3   | 91.0   | 100.4  | 113.0  | 122.4  | 131.8  | 139.7  | 147.5  | 136.5  | 116.1  |
| 85°    | 47.1   | 48.7   | 53.4   | 56.5   | 62.8   | 67.5   | 75.3   | 83.2   | 81.6   | 73.8   | 67.5   |
| 87.5°  | 23.5   | 23.5   | 23.5   | 26.7   | 29.8   | 29.8   | 33.0   | 34.5   | 36.1   | 33.0   | 29.8   |
| 90°    | 1.0    | 2.8    | 4.5    | 6.3    | 8.0    | 8.9    | 9.7    | 11.2   | 12.8   | 14.3   | 15.9   |
| 92.5°  | 18.9   | 16.9   | 14.9   | 12.9   | 10.9   | 9.9    | 10.6   | 11.9   | 13.2   | 14.6   | 15.9   |
| 95°    | 56.6   | 55.9   | 55.3   | 54.6   | 53.9   | 53.6   | 49.4   | 41.0   | 32.7   | 24.3   | 15.9   |
| 97.5°  | 106.2  | 107.5  | 108.9  | 110.2  | 111.5  | 112.2  | 101.7  | 80.8   | 59.8   | 38.9   | 17.9   |
| 100°   | 165.8  | 166.5  | 167.1  | 167.8  | 168.5  | 168.8  | 169.2  | 170.1  | 171.0  | 171.8  | 172.7  |
| 102.5° | 226.4  | 227.3  | 228.1  | 229.0  | 229.9  | 230.3  | 230.5  | 231.0  | 231.4  | 231.9  | 232.3  |
| 105°   | 291.9  | 292.8  | 293.7  | 294.6  | 295.5  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  |
| 107.5° | 359.4  | 359.4  | 359.4  | 359.4  | 359.4  | 359.4  | 359.6  | 360.1  | 360.5  | 361.0  | 361.4  |
| 110°   | 424.9  | 424.9  | 424.9  | 424.9  | 424.9  | 424.9  | 425.1  | 425.6  | 426.0  | 426.5  | 426.9  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 486.5  | 487.2  | 487.8  | 488.5  | 489.2  | 489.5  | 489.6  | 489.8  | 490.0  | 490.2  | 490.4  |
| 115°   | 548.0  | 549.1  | 550.2  | 551.3  | 552.4  | 553.0  | 553.1  | 553.3  | 553.6  | 553.8  | 554.0  |
| 117.5° | 612.6  | 612.6  | 612.6  | 612.6  | 612.6  | 612.6  | 613.0  | 613.9  | 614.8  | 615.6  | 616.5  |
| 120°   | 672.1  | 671.9  | 671.7  | 671.4  | 671.2  | 671.1  | 671.4  | 672.1  | 672.8  | 673.4  | 674.1  |
| 122.5° | 724.7  | 725.8  | 726.9  | 728.0  | 729.1  | 729.7  | 729.8  | 730.0  | 730.3  | 730.5  | 730.7  |
| 125°   | 779.3  | 780.9  | 782.4  | 784.0  | 785.5  | 786.3  | 786.3  | 786.3  | 786.3  | 786.3  | 786.3  |
| 127.5° | 832.0  | 833.1  | 834.2  | 835.3  | 836.4  | 836.9  | 836.8  | 836.6  | 836.3  | 836.1  | 835.9  |
| 130°   | 879.6  | 880.7  | 881.8  | 882.9  | 884.0  | 884.6  | 884.7  | 884.9  | 885.2  | 885.4  | 885.6  |
| 132.5° | 927.3  | 928.6  | 929.9  | 931.2  | 932.5  | 933.2  | 932.9  | 932.2  | 931.6  | 930.9  | 930.3  |
| 135°   | 972.0  | 973.3  | 974.6  | 975.9  | 977.2  | 977.9  | 977.7  | 977.2  | 976.8  | 976.3  | 975.9  |
| 137.5° | 1013.7 | 1015.0 | 1016.3 | 1017.6 | 1018.9 | 1019.6 | 1019.4 | 1018.9 | 1018.5 | 1018.0 | 1017.6 |
| 140°   | 1054.4 | 1054.8 | 1055.2 | 1055.7 | 1056.1 | 1056.3 | 1056.2 | 1056.0 | 1055.7 | 1055.5 | 1055.3 |
| 142.5° | 1091.1 | 1091.3 | 1091.5 | 1091.8 | 1092.0 | 1092.1 | 1092.3 | 1092.8 | 1093.2 | 1093.7 | 1094.1 |
| 145°   | 1126.8 | 1127.2 | 1127.7 | 1128.1 | 1128.6 | 1128.8 | 1128.8 | 1128.8 | 1128.8 | 1128.8 | 1128.8 |
| 147.5° | 1158.6 | 1158.6 | 1158.6 | 1158.6 | 1158.6 | 1158.6 | 1158.7 | 1158.9 | 1159.2 | 1159.4 | 1159.6 |
| 150°   | 1188.4 | 1188.0 | 1187.5 | 1187.1 | 1186.6 | 1186.4 | 1186.6 | 1187.1 | 1187.5 | 1188.0 | 1188.4 |
| 152.5° | 1217.2 | 1216.1 | 1215.0 | 1213.9 | 1212.8 | 1212.2 | 1212.4 | 1212.9 | 1213.3 | 1213.8 | 1214.2 |
| 155°   | 1241.0 | 1239.7 | 1238.3 | 1237.0 | 1235.7 | 1235.0 | 1235.2 | 1235.7 | 1236.1 | 1236.6 | 1237.0 |
| 157.5° | 1259.9 | 1259.2 | 1258.6 | 1257.9 | 1257.2 | 1256.9 | 1256.9 | 1256.9 | 1256.9 | 1256.9 | 1256.9 |
| 160°   | 1279.7 | 1278.4 | 1277.1 | 1275.8 | 1274.5 | 1273.8 | 1273.9 | 1274.1 | 1274.4 | 1274.6 | 1274.8 |
| 162.5° | 1295.6 | 1294.3 | 1292.9 | 1291.6 | 1290.3 | 1289.6 | 1289.7 | 1289.9 | 1290.2 | 1290.4 | 1290.6 |
| 165°   | 1309.5 | 1308.2 | 1306.8 | 1305.5 | 1304.2 | 1303.5 | 1303.6 | 1303.8 | 1304.1 | 1304.3 | 1304.5 |
| 167.5° | 1320.4 | 1319.1 | 1317.8 | 1316.5 | 1315.2 | 1314.5 | 1314.6 | 1314.8 | 1315.1 | 1315.3 | 1315.5 |
| 170°   | 1329.4 | 1327.8 | 1326.3 | 1324.7 | 1323.2 | 1322.4 | 1322.5 | 1322.7 | 1323.0 | 1323.2 | 1323.4 |
| 172.5° | 1335.3 | 1333.8 | 1332.2 | 1330.7 | 1329.2 | 1328.4 | 1328.6 | 1329.1 | 1329.5 | 1330.0 | 1330.4 |
| 175°   | 1339.3 | 1338.0 | 1336.6 | 1335.3 | 1334.0 | 1333.3 | 1333.4 | 1333.6 | 1333.9 | 1334.1 | 1334.3 |
| 177.5° | 1342.3 | 1341.0 | 1339.6 | 1338.3 | 1337.0 | 1336.3 | 1336.4 | 1336.6 | 1336.9 | 1337.1 | 1337.3 |
| 180°   | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 |

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CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 |
| 2.5°   | 1933.5 | 1944.5 | 1953.9 | 1961.8 | 1968.1 | 1977.5 | 1971.2 | 1972.8 | 1975.9 | 1982.2 | 1982.2 |
| 5°     | 2059.1 | 2076.4 | 2085.8 | 2117.2 | 2125.0 | 2123.4 | 2118.7 | 2143.8 | 2142.3 | 2132.8 | 2131.3 |
| 7.5°   | 2181.5 | 2211.3 | 2238.0 | 2263.1 | 2271.0 | 2291.4 | 2296.1 | 2307.1 | 2303.9 | 2319.6 | 2311.8 |
| 10°    | 2292.9 | 2340.0 | 2365.1 | 2402.8 | 2412.2 | 2421.6 | 2434.2 | 2440.5 | 2454.6 | 2453.0 | 2453.0 |
| 12.5°  | 2379.2 | 2435.7 | 2468.7 | 2478.1 | 2514.2 | 2525.2 | 2536.2 | 2556.6 | 2551.9 | 2553.5 | 2562.9 |
| 15°    | 2446.7 | 2501.7 | 2529.9 | 2573.9 | 2599.0 | 2611.5 | 2630.4 | 2652.3 | 2649.2 | 2663.3 | 2660.2 |
| 17.5°  | 2497.0 | 2548.7 | 2600.5 | 2666.5 | 2668.0 | 2701.0 | 2744.9 | 2754.3 | 2774.7 | 2760.6 | 2760.6 |
| 20°    | 2537.8 | 2606.8 | 2680.6 | 2765.3 | 2774.7 | 2795.1 | 2848.5 | 2884.6 | 2908.1 | 2900.3 | 2905.0 |
| 22.5°  | 2581.7 | 2680.6 | 2766.9 | 2851.6 | 2897.2 | 2933.3 | 2985.0 | 3041.5 | 3061.9 | 3074.5 | 3071.4 |
| 25°    | 2638.2 | 2741.8 | 2868.9 | 2986.6 | 3033.7 | 3102.8 | 3171.8 | 3226.7 | 3242.4 | 3277.0 | 3245.6 |
| 27.5°  | 2696.3 | 2842.2 | 3000.7 | 3138.9 | 3198.5 | 3255.0 | 3338.2 | 3379.0 | 3399.4 | 3415.1 | 3404.1 |
| 30°    | 2744.9 | 2945.8 | 3118.4 | 3245.6 | 3287.9 | 3320.9 | 3368.0 | 3377.4 | 3369.6 | 3382.1 | 3397.8 |
| 32.5°  | 2820.3 | 3016.4 | 3162.4 | 3223.6 | 3218.9 | 3217.3 | 3181.2 | 3131.0 | 3120.0 | 3090.2 | 3131.0 |
| 35°    | 2861.1 | 3018.0 | 3074.5 | 2992.9 | 2959.9 | 2900.3 | 2785.7 | 2710.4 | 2644.5 | 2630.4 | 2633.5 |
| 37.5°  | 2837.5 | 2898.7 | 2831.2 | 2616.2 | 2562.9 | 2471.8 | 2319.6 | 2212.9 | 2164.2 | 2126.6 | 2175.2 |
| 40°    | 2710.4 | 2642.9 | 2457.7 | 2195.6 | 2118.7 | 2032.4 | 1889.6 | 1831.5 | 1762.5 | 1748.3 | 1812.7 |
| 42.5°  | 2500.1 | 2294.5 | 2032.4 | 1830.0 | 1749.9 | 1701.3 | 1582.0 | 1527.1 | 1478.4 | 1456.4 | 1492.5 |
| 45°    | 2214.5 | 1964.9 | 1701.3 | 1534.9 | 1467.4 | 1409.3 | 1338.7 | 1280.7 | 1249.3 | 1239.8 | 1269.7 |
| 47.5°  | 1919.4 | 1655.7 | 1445.4 | 1321.5 | 1250.8 | 1206.9 | 1141.0 | 1108.0 | 1082.9 | 1086.0 | 1090.8 |
| 50°    | 1636.9 | 1396.8 | 1235.1 | 1111.2 | 1076.6 | 1042.1 | 998.2  | 969.9  | 957.3  | 962.1  | 958.9  |
| 52.5°  | 1393.7 | 1199.0 | 1062.5 | 966.8  | 951.1  | 918.1  | 882.0  | 858.5  | 853.8  | 855.3  | 860.0  |
| 55°    | 1180.2 | 1028.0 | 919.7  | 850.6  | 833.4  | 809.8  | 787.9  | 772.2  | 759.6  | 764.3  | 762.7  |
| 57.5°  | 1018.6 | 885.2  | 802.0  | 745.5  | 732.9  | 718.8  | 698.4  | 690.5  | 685.8  | 676.4  | 684.3  |
| 60°    | 875.7  | 767.4  | 695.3  | 660.7  | 649.7  | 640.3  | 618.4  | 608.9  | 605.8  | 601.1  | 613.6  |
| 62.5°  | 740.8  | 663.9  | 608.9  | 577.5  | 566.6  | 557.1  | 546.2  | 538.3  | 539.9  | 533.6  | 539.9  |
| 65°    | 634.0  | 571.3  | 532.0  | 503.8  | 489.7  | 483.4  | 481.8  | 469.3  | 467.7  | 469.3  | 470.8  |
| 67.5°  | 535.2  | 481.8  | 452.0  | 434.7  | 423.7  | 417.5  | 412.8  | 404.9  | 411.2  | 406.5  | 409.6  |
| 70°    | 445.7  | 409.6  | 378.2  | 361.0  | 356.3  | 357.8  | 350.0  | 346.8  | 348.4  | 345.3  | 348.4  |
| 72.5°  | 359.4  | 329.6  | 317.0  | 304.5  | 298.2  | 296.6  | 291.9  | 287.2  | 291.9  | 290.3  | 290.3  |
| 75°    | 287.2  | 265.2  | 251.1  | 243.3  | 243.3  | 240.1  | 232.3  | 232.3  | 232.3  | 230.7  | 232.3  |
| 77.5°  | 221.3  | 202.5  | 196.2  | 188.3  | 188.3  | 183.6  | 182.1  | 182.1  | 178.9  | 183.6  | 180.5  |
| 80°    | 164.8  | 150.7  | 141.2  | 136.5  | 136.5  | 135.0  | 131.8  | 130.3  | 131.8  | 130.3  | 130.3  |
| 82.5°  | 106.7  | 100.4  | 95.7   | 91.0   | 89.5   | 91.0   | 89.5   | 86.3   | 87.9   | 86.3   | 89.5   |
| 85°    | 61.2   | 54.9   | 54.9   | 51.8   | 53.4   | 50.2   | 51.8   | 48.7   | 47.1   | 51.8   | 48.7   |
| 87.5°  | 26.7   | 25.1   | 25.1   | 22.0   | 22.0   | 22.0   | 20.4   | 22.0   | 20.4   | 18.8   | 20.4   |
| 90°    | 17.0   | 18.1   | 19.2   | 20.3   | 20.8   | 21.1   | 21.8   | 22.5   | 23.1   | 23.8   | 23.1   |
| 92.5°  | 17.0   | 18.1   | 19.2   | 20.3   | 20.8   | 20.9   | 21.1   | 21.4   | 21.6   | 21.8   | 21.6   |
| 95°    | 17.0   | 18.1   | 19.2   | 20.3   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   |
| 97.5°  | 18.3   | 18.8   | 19.2   | 19.7   | 19.9   | 20.0   | 20.2   | 20.4   | 20.6   | 20.8   | 20.6   |
| 100°   | 139.8  | 107.0  | 74.1   | 41.2   | 24.8   | 24.4   | 23.5   | 22.6   | 21.7   | 20.8   | 21.7   |
| 102.5° | 232.7  | 233.2  | 233.6  | 234.1  | 234.3  | 225.0  | 206.5  | 188.0  | 169.4  | 150.9  | 169.4  |
| 105°   | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.8  | 295.6  | 295.3  | 295.1  | 294.9  | 295.1  |
| 107.5° | 361.6  | 361.8  | 362.1  | 362.3  | 362.4  | 362.0  | 361.1  | 360.2  | 359.3  | 358.4  | 359.3  |
| 110°   | 426.2  | 425.6  | 424.9  | 424.2  | 423.9  | 424.0  | 424.2  | 424.5  | 424.7  | 424.9  | 424.7  |

TEST NUMBER: P1027544

CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 489.5  | 488.7  | 487.8  | 486.9  | 486.5  | 486.3  | 485.8  | 485.4  | 484.9  | 484.5  | 484.9  |
| 115°   | 553.1  | 552.2  | 551.3  | 550.4  | 550.0  | 549.3  | 548.0  | 546.7  | 545.4  | 544.1  | 545.4  |
| 117.5° | 615.2  | 613.9  | 612.6  | 611.3  | 610.6  | 610.4  | 609.9  | 609.5  | 609.0  | 608.6  | 609.0  |
| 120°   | 673.7  | 673.2  | 672.8  | 672.3  | 672.1  | 671.6  | 670.5  | 669.4  | 668.3  | 667.2  | 668.3  |
| 122.5° | 730.3  | 729.8  | 729.4  | 728.9  | 728.7  | 728.0  | 726.7  | 725.4  | 724.1  | 722.8  | 724.1  |
| 125°   | 785.4  | 784.5  | 783.6  | 782.7  | 782.3  | 782.0  | 781.3  | 780.6  | 780.0  | 779.3  | 780.0  |
| 127.5° | 835.5  | 835.1  | 834.6  | 834.2  | 834.0  | 833.1  | 831.3  | 829.6  | 827.8  | 826.0  | 827.8  |
| 130°   | 884.9  | 884.3  | 883.6  | 882.9  | 882.6  | 882.0  | 880.9  | 879.8  | 878.7  | 877.6  | 878.7  |
| 132.5° | 930.3  | 930.3  | 930.3  | 930.3  | 930.3  | 929.7  | 928.6  | 927.5  | 926.4  | 925.3  | 926.4  |
| 135°   | 975.5  | 975.0  | 974.6  | 974.1  | 973.9  | 973.2  | 971.9  | 970.6  | 969.3  | 968.0  | 969.3  |
| 137.5° | 1017.6 | 1017.6 | 1017.6 | 1017.6 | 1017.6 | 1017.1 | 1016.0 | 1014.9 | 1013.8 | 1012.7 | 1013.8 |
| 140°   | 1055.7 | 1056.2 | 1056.6 | 1057.1 | 1057.3 | 1056.6 | 1055.3 | 1054.0 | 1052.7 | 1051.4 | 1052.7 |
| 142.5° | 1094.1 | 1094.1 | 1094.1 | 1094.1 | 1094.1 | 1093.4 | 1092.1 | 1090.8 | 1089.4 | 1088.1 | 1089.4 |
| 145°   | 1129.0 | 1129.2 | 1129.5 | 1129.7 | 1129.8 | 1129.1 | 1127.8 | 1126.5 | 1125.2 | 1123.9 | 1125.2 |
| 147.5° | 1159.8 | 1160.0 | 1160.3 | 1160.5 | 1160.6 | 1159.8 | 1158.3 | 1156.7 | 1155.2 | 1153.6 | 1155.2 |
| 150°   | 1188.8 | 1189.3 | 1189.7 | 1190.2 | 1190.4 | 1189.5 | 1187.7 | 1186.0 | 1184.2 | 1182.4 | 1184.2 |
| 152.5° | 1214.6 | 1215.1 | 1215.5 | 1216.0 | 1216.2 | 1215.4 | 1213.9 | 1212.3 | 1210.8 | 1209.2 | 1210.8 |
| 155°   | 1237.7 | 1238.3 | 1239.0 | 1239.7 | 1240.0 | 1239.1 | 1237.4 | 1235.6 | 1233.9 | 1232.1 | 1233.9 |
| 157.5° | 1257.6 | 1258.2 | 1258.9 | 1259.6 | 1259.9 | 1259.0 | 1257.2 | 1255.5 | 1253.7 | 1251.9 | 1253.7 |
| 160°   | 1275.7 | 1276.5 | 1277.4 | 1278.3 | 1278.7 | 1277.8 | 1276.1 | 1274.3 | 1272.6 | 1270.8 | 1272.6 |
| 162.5° | 1291.9 | 1293.3 | 1294.6 | 1295.9 | 1296.6 | 1295.6 | 1293.6 | 1291.7 | 1289.7 | 1287.7 | 1289.7 |
| 165°   | 1305.8 | 1307.2 | 1308.5 | 1309.8 | 1310.5 | 1309.6 | 1307.9 | 1306.1 | 1304.4 | 1302.6 | 1304.4 |
| 167.5° | 1317.0 | 1318.6 | 1320.1 | 1321.6 | 1322.4 | 1321.4 | 1319.4 | 1317.5 | 1315.5 | 1313.5 | 1315.5 |
| 170°   | 1325.2 | 1326.9 | 1328.7 | 1330.4 | 1331.3 | 1330.3 | 1328.3 | 1326.4 | 1324.4 | 1322.4 | 1324.4 |
| 172.5° | 1331.9 | 1333.5 | 1335.0 | 1336.5 | 1337.3 | 1336.3 | 1334.3 | 1332.4 | 1330.4 | 1328.4 | 1330.4 |
| 175°   | 1336.1 | 1337.9 | 1339.6 | 1341.4 | 1342.3 | 1341.3 | 1339.3 | 1337.3 | 1335.3 | 1333.3 | 1335.3 |
| 177.5° | 1338.9 | 1340.4 | 1342.0 | 1343.5 | 1344.3 | 1343.4 | 1341.6 | 1339.9 | 1338.1 | 1336.3 | 1338.1 |
| 180°   | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 |

TEST NUMBER: P1027544

CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 |
| 2.5°   | 1979.0 | 1968.1 | 1971.2 | 1968.1 | 1960.2 | 1955.5 | 1942.9 | 1927.3 | 1921.0 | 1913.1 | 1908.4 |
| 5°     | 2137.6 | 2129.7 | 2128.1 | 2115.6 | 2112.4 | 2093.6 | 2062.2 | 2046.5 | 2027.7 | 2008.9 | 1990.0 |
| 7.5°   | 2310.2 | 2300.8 | 2269.4 | 2264.7 | 2267.8 | 2244.3 | 2203.5 | 2172.1 | 2132.8 | 2106.2 | 2070.1 |
| 10°    | 2453.0 | 2434.2 | 2407.5 | 2409.1 | 2398.1 | 2366.7 | 2325.9 | 2292.9 | 2236.4 | 2201.9 | 2150.1 |
| 12.5°  | 2539.3 | 2523.6 | 2520.5 | 2504.8 | 2495.4 | 2454.6 | 2405.9 | 2363.6 | 2321.2 | 2274.1 | 2234.9 |
| 15°    | 2644.5 | 2624.1 | 2610.0 | 2588.0 | 2581.7 | 2539.3 | 2486.0 | 2437.3 | 2388.7 | 2344.7 | 2261.5 |
| 17.5°  | 2760.6 | 2738.6 | 2685.3 | 2680.6 | 2642.9 | 2602.1 | 2550.3 | 2478.1 | 2426.3 | 2363.6 | 2302.3 |
| 20°    | 2892.5 | 2861.1 | 2792.0 | 2774.7 | 2744.9 | 2677.4 | 2606.8 | 2526.8 | 2443.6 | 2379.2 | 2307.1 |
| 22.5°  | 3040.0 | 2985.0 | 2934.8 | 2879.9 | 2857.9 | 2774.7 | 2677.4 | 2580.1 | 2479.7 | 2391.8 | 2305.5 |
| 25°    | 3231.4 | 3159.3 | 3088.6 | 3033.7 | 2996.0 | 2887.7 | 2757.5 | 2628.8 | 2512.7 | 2398.1 | 2285.1 |
| 27.5°  | 3382.1 | 3319.3 | 3242.4 | 3170.2 | 3121.6 | 2992.9 | 2843.8 | 2677.4 | 2533.1 | 2393.4 | 2272.5 |
| 30°    | 3393.1 | 3374.3 | 3327.2 | 3287.9 | 3234.6 | 3096.5 | 2931.7 | 2743.4 | 2564.4 | 2394.9 | 2247.4 |
| 32.5°  | 3187.5 | 3225.2 | 3245.6 | 3251.9 | 3240.9 | 3160.8 | 3010.2 | 2803.0 | 2592.7 | 2380.8 | 2225.4 |
| 35°    | 2744.9 | 2845.4 | 2969.4 | 3016.4 | 3061.9 | 3104.3 | 3025.9 | 2845.4 | 2602.1 | 2377.7 | 2190.9 |
| 37.5°  | 2260.0 | 2351.0 | 2556.6 | 2650.8 | 2704.1 | 2872.0 | 2936.4 | 2839.1 | 2620.9 | 2380.8 | 2158.0 |
| 40°    | 1823.7 | 1968.1 | 2115.6 | 2242.7 | 2325.9 | 2514.2 | 2713.5 | 2735.5 | 2594.3 | 2351.0 | 2115.6 |
| 42.5°  | 1534.9 | 1619.6 | 1731.1 | 1848.8 | 1922.5 | 2145.4 | 2415.3 | 2573.9 | 2511.1 | 2302.3 | 2063.8 |
| 45°    | 1307.3 | 1370.1 | 1475.3 | 1514.5 | 1608.7 | 1822.1 | 2107.7 | 2336.9 | 2368.3 | 2225.4 | 2004.2 |
| 47.5°  | 1122.1 | 1175.5 | 1243.0 | 1291.6 | 1367.0 | 1527.1 | 1768.7 | 2021.4 | 2172.1 | 2120.3 | 1921.0 |
| 50°    | 988.7  | 1032.7 | 1089.2 | 1117.4 | 1166.1 | 1310.5 | 1492.5 | 1743.6 | 1946.1 | 1963.4 | 1812.7 |
| 52.5°  | 877.3  | 902.4  | 946.4  | 977.8  | 1017.0 | 1104.9 | 1269.7 | 1476.8 | 1704.4 | 1798.6 | 1679.3 |
| 55°    | 780.0  | 800.4  | 839.6  | 860.0  | 880.4  | 955.8  | 1084.5 | 1272.8 | 1486.2 | 1610.2 | 1542.7 |
| 57.5°  | 692.1  | 709.4  | 742.3  | 761.2  | 772.2  | 844.4  | 943.2  | 1090.8 | 1282.2 | 1432.9 | 1395.2 |
| 60°    | 619.9  | 635.6  | 654.5  | 668.6  | 681.1  | 740.8  | 809.8  | 929.1  | 1100.2 | 1246.1 | 1236.7 |
| 62.5°  | 543.0  | 557.1  | 577.5  | 591.7  | 602.7  | 640.3  | 698.4  | 789.4  | 935.4  | 1070.3 | 1097.0 |
| 65°    | 475.5  | 486.5  | 500.6  | 506.9  | 521.0  | 549.3  | 596.4  | 678.0  | 797.3  | 918.1  | 936.9  |
| 67.5°  | 414.3  | 417.5  | 426.9  | 441.0  | 444.1  | 469.3  | 511.6  | 572.8  | 665.4  | 764.3  | 794.1  |
| 70°    | 348.4  | 353.1  | 361.0  | 372.0  | 378.2  | 393.9  | 430.0  | 470.8  | 550.9  | 637.2  | 659.2  |
| 72.5°  | 290.3  | 296.6  | 299.8  | 306.0  | 309.2  | 334.3  | 350.0  | 390.8  | 445.7  | 517.9  | 541.5  |
| 75°    | 235.4  | 241.7  | 243.3  | 246.4  | 249.5  | 260.5  | 282.5  | 307.6  | 353.1  | 400.2  | 431.6  |
| 77.5°  | 186.8  | 185.2  | 188.3  | 193.0  | 191.5  | 200.9  | 215.0  | 237.0  | 266.8  | 306.0  | 326.4  |
| 80°    | 131.8  | 131.8  | 136.5  | 141.2  | 139.7  | 149.1  | 153.8  | 169.5  | 194.6  | 219.7  | 227.6  |
| 82.5°  | 87.9   | 87.9   | 92.6   | 92.6   | 95.7   | 97.3   | 103.6  | 111.4  | 131.8  | 144.4  | 149.1  |
| 85°    | 50.2   | 50.2   | 51.8   | 51.8   | 51.8   | 54.9   | 59.6   | 62.8   | 69.1   | 76.9   | 80.0   |
| 87.5°  | 20.4   | 22.0   | 22.0   | 22.0   | 22.0   | 25.1   | 25.1   | 28.2   | 29.8   | 33.0   | 33.0   |
| 90°    | 22.5   | 21.8   | 21.1   | 20.8   | 20.3   | 19.2   | 18.1   | 17.0   | 15.9   | 14.3   | 12.8   |
| 92.5°  | 21.4   | 21.1   | 20.9   | 20.8   | 20.3   | 19.2   | 18.1   | 17.0   | 15.9   | 14.6   | 13.2   |
| 95°    | 20.8   | 20.8   | 20.8   | 20.8   | 20.3   | 19.2   | 18.1   | 17.0   | 15.9   | 24.3   | 32.7   |
| 97.5°  | 20.4   | 20.2   | 20.0   | 19.9   | 19.7   | 19.2   | 18.8   | 18.3   | 17.9   | 38.9   | 59.8   |
| 100°   | 22.6   | 23.5   | 24.4   | 24.8   | 41.2   | 74.1   | 107.0  | 139.8  | 172.7  | 171.8  | 171.0  |
| 102.5° | 188.0  | 206.5  | 225.0  | 234.3  | 234.1  | 233.6  | 233.2  | 232.7  | 232.3  | 231.9  | 231.4  |
| 105°   | 295.3  | 295.6  | 295.8  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  |
| 107.5° | 360.2  | 361.1  | 362.0  | 362.4  | 362.3  | 362.1  | 361.8  | 361.6  | 361.4  | 361.0  | 360.5  |
| 110°   | 424.5  | 424.2  | 424.0  | 423.9  | 424.2  | 424.9  | 425.6  | 426.2  | 426.9  | 426.5  | 426.0  |

TEST NUMBER: P1027544

CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 485.4  | 485.8  | 486.3  | 486.5  | 486.9  | 487.8  | 488.7  | 489.5  | 490.4  | 490.2  | 490.0  |
| 115°   | 546.7  | 548.0  | 549.3  | 550.0  | 550.4  | 551.3  | 552.2  | 553.1  | 554.0  | 553.8  | 553.6  |
| 117.5° | 609.5  | 609.9  | 610.4  | 610.6  | 611.3  | 612.6  | 613.9  | 615.2  | 616.5  | 615.6  | 614.8  |
| 120°   | 669.4  | 670.5  | 671.6  | 672.1  | 672.3  | 672.8  | 673.2  | 673.7  | 674.1  | 673.4  | 672.8  |
| 122.5° | 725.4  | 726.7  | 728.0  | 728.7  | 728.9  | 729.4  | 729.8  | 730.3  | 730.7  | 730.5  | 730.3  |
| 125°   | 780.6  | 781.3  | 782.0  | 782.3  | 782.7  | 783.6  | 784.5  | 785.4  | 786.3  | 786.3  | 786.3  |
| 127.5° | 829.6  | 831.3  | 833.1  | 834.0  | 834.2  | 834.6  | 835.1  | 835.5  | 835.9  | 836.1  | 836.3  |
| 130°   | 879.8  | 880.9  | 882.0  | 882.6  | 882.9  | 883.6  | 884.3  | 884.9  | 885.6  | 885.4  | 885.2  |
| 132.5° | 927.5  | 928.6  | 929.7  | 930.3  | 930.3  | 930.3  | 930.3  | 930.3  | 930.3  | 930.9  | 931.6  |
| 135°   | 970.6  | 971.9  | 973.2  | 973.9  | 974.1  | 974.6  | 975.0  | 975.5  | 975.9  | 976.3  | 976.8  |
| 137.5° | 1014.9 | 1016.0 | 1017.1 | 1017.6 | 1017.6 | 1017.6 | 1017.6 | 1017.6 | 1017.6 | 1018.0 | 1018.5 |
| 140°   | 1054.0 | 1055.3 | 1056.6 | 1057.3 | 1057.1 | 1056.6 | 1056.2 | 1055.7 | 1055.3 | 1055.5 | 1055.7 |
| 142.5° | 1090.8 | 1092.1 | 1093.4 | 1094.1 | 1094.1 | 1094.1 | 1094.1 | 1094.1 | 1094.1 | 1093.7 | 1093.2 |
| 145°   | 1126.5 | 1127.8 | 1129.1 | 1129.8 | 1129.7 | 1129.5 | 1129.2 | 1129.0 | 1128.8 | 1128.8 | 1128.8 |
| 147.5° | 1156.7 | 1158.3 | 1159.8 | 1160.6 | 1160.5 | 1160.3 | 1160.0 | 1159.8 | 1159.6 | 1159.4 | 1159.2 |
| 150°   | 1186.0 | 1187.7 | 1189.5 | 1190.4 | 1190.2 | 1189.7 | 1189.3 | 1188.8 | 1188.4 | 1188.0 | 1187.5 |
| 152.5° | 1212.3 | 1213.9 | 1215.4 | 1216.2 | 1216.0 | 1215.5 | 1215.1 | 1214.6 | 1214.2 | 1213.8 | 1213.3 |
| 155°   | 1235.6 | 1237.4 | 1239.1 | 1240.0 | 1239.7 | 1239.0 | 1238.3 | 1237.7 | 1237.0 | 1236.6 | 1236.1 |
| 157.5° | 1255.5 | 1257.2 | 1259.0 | 1259.9 | 1259.6 | 1258.9 | 1258.2 | 1257.6 | 1256.9 | 1256.9 | 1256.9 |
| 160°   | 1274.3 | 1276.1 | 1277.8 | 1278.7 | 1278.3 | 1277.4 | 1276.5 | 1275.7 | 1274.8 | 1274.6 | 1274.4 |
| 162.5° | 1291.7 | 1293.6 | 1295.6 | 1296.6 | 1295.9 | 1294.6 | 1293.3 | 1291.9 | 1290.6 | 1290.4 | 1290.2 |
| 165°   | 1306.1 | 1307.9 | 1309.6 | 1310.5 | 1309.8 | 1308.5 | 1307.2 | 1305.8 | 1304.5 | 1304.3 | 1304.1 |
| 167.5° | 1317.5 | 1319.4 | 1321.4 | 1322.4 | 1321.6 | 1320.1 | 1318.6 | 1317.0 | 1315.5 | 1315.3 | 1315.1 |
| 170°   | 1326.4 | 1328.3 | 1330.3 | 1331.3 | 1330.4 | 1328.7 | 1326.9 | 1325.2 | 1323.4 | 1323.2 | 1323.0 |
| 172.5° | 1332.4 | 1334.3 | 1336.3 | 1337.3 | 1336.5 | 1335.0 | 1333.5 | 1331.9 | 1330.4 | 1330.0 | 1329.5 |
| 175°   | 1337.3 | 1339.3 | 1341.3 | 1342.3 | 1341.4 | 1339.6 | 1337.9 | 1336.1 | 1334.3 | 1334.1 | 1333.9 |
| 177.5° | 1339.9 | 1341.6 | 1343.4 | 1344.3 | 1343.5 | 1342.0 | 1340.4 | 1338.9 | 1337.3 | 1337.1 | 1336.9 |
| 180°   | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 |

TEST NUMBER: P1027544

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 |
| 2.5°   | 1902.1 | 1894.3 | 1884.9 | 1884.9 | 1873.9 | 1869.2 | 1859.8 | 1856.6 | 1848.8 | 1836.2 | 1826.8 |
| 5°     | 1969.6 | 1949.2 | 1936.7 | 1925.7 | 1902.1 | 1884.9 | 1867.6 | 1848.8 | 1830.0 | 1808.0 | 1782.9 |
| 7.5°   | 2035.5 | 1997.9 | 1980.6 | 1961.8 | 1927.3 | 1891.2 | 1856.6 | 1831.5 | 1806.4 | 1771.9 | 1740.5 |
| 10°    | 2104.6 | 2057.5 | 2026.1 | 2001.0 | 1947.7 | 1902.1 | 1851.9 | 1815.8 | 1776.6 | 1732.6 | 1691.8 |
| 12.5°  | 2162.7 | 2101.5 | 2074.8 | 2027.7 | 1966.5 | 1911.6 | 1848.8 | 1793.9 | 1742.1 | 1690.3 | 1640.1 |
| 15°    | 2211.3 | 2153.3 | 2087.3 | 2068.5 | 1983.8 | 1905.3 | 1834.7 | 1764.0 | 1699.7 | 1647.9 | 1589.8 |
| 17.5°  | 2227.0 | 2153.3 | 2120.3 | 2074.8 | 1974.3 | 1892.7 | 1803.3 | 1726.4 | 1665.2 | 1588.3 | 1542.7 |
| 20°    | 2231.7 | 2161.1 | 2115.6 | 2073.2 | 1983.8 | 1875.5 | 1787.6 | 1693.4 | 1619.6 | 1542.7 | 1470.6 |
| 22.5°  | 2219.2 | 2136.0 | 2092.0 | 2051.2 | 1950.8 | 1858.2 | 1756.2 | 1652.6 | 1566.3 | 1495.7 | 1423.5 |
| 25°    | 2195.6 | 2098.3 | 2055.9 | 2012.0 | 1916.3 | 1814.3 | 1702.8 | 1604.0 | 1523.9 | 1439.2 | 1368.5 |
| 27.5°  | 2164.2 | 2052.8 | 2004.2 | 1958.6 | 1864.5 | 1768.7 | 1663.6 | 1561.6 | 1472.1 | 1382.7 | 1316.7 |
| 30°    | 2125.0 | 1996.3 | 1952.4 | 1892.7 | 1801.7 | 1710.7 | 1614.9 | 1512.9 | 1412.5 | 1327.7 | 1255.5 |
| 32.5°  | 2074.8 | 1939.8 | 1881.7 | 1825.2 | 1726.4 | 1643.2 | 1552.2 | 1456.4 | 1359.1 | 1275.9 | 1200.6 |
| 35°    | 2029.3 | 1875.5 | 1811.1 | 1754.6 | 1644.8 | 1556.9 | 1481.5 | 1392.1 | 1305.8 | 1219.4 | 1152.0 |
| 37.5°  | 1968.1 | 1811.1 | 1734.2 | 1676.1 | 1564.7 | 1475.3 | 1404.6 | 1335.6 | 1244.6 | 1161.4 | 1098.6 |
| 40°    | 1903.7 | 1731.1 | 1658.9 | 1600.8 | 1484.7 | 1387.4 | 1319.9 | 1258.7 | 1184.9 | 1108.0 | 1042.1 |
| 42.5°  | 1845.6 | 1654.2 | 1577.3 | 1506.6 | 1388.9 | 1302.6 | 1233.6 | 1186.5 | 1119.0 | 1049.9 | 990.3  |
| 45°    | 1771.9 | 1572.6 | 1489.4 | 1415.6 | 1302.6 | 1208.5 | 1142.5 | 1104.9 | 1054.7 | 987.2  | 935.4  |
| 47.5°  | 1696.5 | 1484.7 | 1398.4 | 1326.2 | 1203.7 | 1120.6 | 1056.2 | 1020.1 | 985.6  | 932.2  | 880.4  |
| 50°    | 1597.7 | 1392.1 | 1313.6 | 1230.4 | 1109.6 | 1024.8 | 971.5  | 935.4  | 908.7  | 871.0  | 827.1  |
| 52.5°  | 1489.4 | 1296.3 | 1211.6 | 1139.4 | 1020.1 | 943.2  | 882.0  | 861.6  | 834.9  | 806.7  | 769.0  |
| 55°    | 1374.8 | 1192.8 | 1111.2 | 1040.5 | 930.7  | 852.2  | 802.0  | 780.0  | 759.6  | 737.6  | 712.5  |
| 57.5°  | 1260.2 | 1084.5 | 1007.6 | 944.8  | 842.8  | 767.4  | 726.6  | 696.8  | 682.7  | 670.1  | 649.7  |
| 60°    | 1117.4 | 968.3  | 908.7  | 852.2  | 751.8  | 682.7  | 643.5  | 621.5  | 608.9  | 602.7  | 593.2  |
| 62.5°  | 991.9  | 869.5  | 803.5  | 748.6  | 668.6  | 607.4  | 569.7  | 552.4  | 541.5  | 538.3  | 527.3  |
| 65°    | 858.5  | 753.3  | 701.5  | 654.5  | 585.4  | 530.5  | 499.1  | 478.7  | 470.8  | 469.3  | 469.3  |
| 67.5°  | 732.9  | 648.2  | 596.4  | 563.4  | 503.8  | 455.1  | 425.3  | 417.5  | 412.8  | 406.5  | 404.9  |
| 70°    | 615.2  | 547.7  | 502.2  | 474.0  | 420.6  | 384.5  | 361.0  | 348.4  | 348.4  | 343.7  | 340.6  |
| 72.5°  | 511.6  | 444.1  | 414.3  | 390.8  | 346.8  | 315.5  | 298.2  | 295.1  | 284.1  | 282.5  | 282.5  |
| 75°    | 400.2  | 350.0  | 329.6  | 309.2  | 276.2  | 254.2  | 240.1  | 232.3  | 226.0  | 226.0  | 227.6  |
| 77.5°  | 301.3  | 266.8  | 248.0  | 232.3  | 208.7  | 194.6  | 183.6  | 180.5  | 174.2  | 174.2  | 174.2  |
| 80°    | 213.4  | 194.6  | 180.5  | 167.9  | 150.7  | 138.1  | 131.8  | 125.6  | 125.6  | 124.0  | 125.6  |
| 82.5°  | 138.1  | 122.4  | 114.6  | 113.0  | 97.3   | 92.6   | 84.7   | 86.3   | 81.6   | 80.0   | 83.2   |
| 85°    | 80.0   | 72.2   | 62.8   | 59.6   | 53.4   | 47.1   | 43.9   | 45.5   | 43.9   | 42.4   | 43.9   |
| 87.5°  | 31.4   | 26.7   | 25.1   | 25.1   | 20.4   | 18.8   | 17.3   | 18.8   | 15.7   | 15.7   | 17.3   |
| 90°    | 11.2   | 9.7    | 8.9    | 8.0    | 6.3    | 4.5    | 2.8    | 1.0    | 2.8    | 4.5    | 6.3    |
| 92.5°  | 11.9   | 10.6   | 9.9    | 10.9   | 12.9   | 14.9   | 16.9   | 18.9   | 16.9   | 14.9   | 12.9   |
| 95°    | 41.0   | 49.4   | 53.6   | 53.9   | 54.6   | 55.3   | 55.9   | 56.6   | 55.9   | 55.3   | 54.6   |
| 97.5°  | 80.8   | 101.7  | 112.2  | 111.5  | 110.2  | 108.9  | 107.5  | 106.2  | 107.5  | 108.9  | 110.2  |
| 100°   | 170.1  | 169.2  | 168.8  | 168.5  | 167.8  | 167.1  | 166.5  | 165.8  | 166.5  | 167.1  | 167.8  |
| 102.5° | 231.0  | 230.5  | 230.3  | 229.9  | 229.0  | 228.1  | 227.3  | 226.4  | 227.3  | 228.1  | 229.0  |
| 105°   | 295.9  | 295.9  | 295.9  | 295.5  | 294.6  | 293.7  | 292.8  | 291.9  | 292.8  | 293.7  | 294.6  |
| 107.5° | 360.1  | 359.6  | 359.4  | 359.4  | 359.4  | 359.4  | 359.4  | 359.4  | 359.4  | 359.4  | 359.4  |
| 110°   | 425.6  | 425.1  | 424.9  | 424.9  | 424.9  | 424.9  | 424.9  | 424.9  | 424.9  | 424.9  | 424.9  |

TEST NUMBER: P1027544

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 489.8  | 489.6  | 489.5  | 489.2  | 488.5  | 487.8  | 487.2  | 486.5  | 487.2  | 487.8  | 488.5  |
| 115°   | 553.3  | 553.1  | 553.0  | 552.4  | 551.3  | 550.2  | 549.1  | 548.0  | 549.1  | 550.2  | 551.3  |
| 117.5° | 613.9  | 613.0  | 612.6  | 612.6  | 612.6  | 612.6  | 612.6  | 612.6  | 612.6  | 612.6  | 612.6  |
| 120°   | 672.1  | 671.4  | 671.1  | 671.2  | 671.4  | 671.7  | 671.9  | 672.1  | 671.9  | 671.7  | 671.4  |
| 122.5° | 730.0  | 729.8  | 729.7  | 729.1  | 728.0  | 726.9  | 725.8  | 724.7  | 725.8  | 726.9  | 728.0  |
| 125°   | 786.3  | 786.3  | 786.3  | 785.5  | 784.0  | 782.4  | 780.9  | 779.3  | 780.9  | 782.4  | 784.0  |
| 127.5° | 836.6  | 836.8  | 836.9  | 836.4  | 835.3  | 834.2  | 833.1  | 832.0  | 833.1  | 834.2  | 835.3  |
| 130°   | 884.9  | 884.7  | 884.6  | 884.0  | 882.9  | 881.8  | 880.7  | 879.6  | 880.7  | 881.8  | 882.9  |
| 132.5° | 932.2  | 932.9  | 933.2  | 932.5  | 931.2  | 929.9  | 928.6  | 927.3  | 928.6  | 929.9  | 931.2  |
| 135°   | 977.2  | 977.7  | 977.9  | 977.2  | 975.9  | 974.6  | 973.3  | 972.0  | 973.3  | 974.6  | 975.9  |
| 137.5° | 1018.9 | 1019.4 | 1019.6 | 1018.9 | 1017.6 | 1016.3 | 1015.0 | 1013.7 | 1015.0 | 1016.3 | 1017.6 |
| 140°   | 1056.0 | 1056.2 | 1056.3 | 1056.1 | 1055.7 | 1055.2 | 1054.8 | 1054.4 | 1054.8 | 1055.2 | 1055.7 |
| 142.5° | 1092.8 | 1092.3 | 1092.1 | 1092.0 | 1091.8 | 1091.5 | 1091.3 | 1091.1 | 1091.3 | 1091.5 | 1091.8 |
| 145°   | 1128.8 | 1128.8 | 1128.8 | 1128.6 | 1128.1 | 1127.7 | 1127.2 | 1126.8 | 1127.2 | 1127.7 | 1128.1 |
| 147.5° | 1158.9 | 1158.7 | 1158.6 | 1158.6 | 1158.6 | 1158.6 | 1158.6 | 1158.6 | 1158.6 | 1158.6 | 1158.6 |
| 150°   | 1187.1 | 1186.6 | 1186.4 | 1186.6 | 1187.1 | 1187.5 | 1188.0 | 1188.4 | 1188.0 | 1187.5 | 1187.1 |
| 152.5° | 1212.9 | 1212.4 | 1212.2 | 1212.8 | 1213.9 | 1215.0 | 1216.1 | 1217.2 | 1216.1 | 1215.0 | 1213.9 |
| 155°   | 1235.7 | 1235.2 | 1235.0 | 1235.7 | 1237.0 | 1238.3 | 1239.7 | 1241.0 | 1239.7 | 1238.3 | 1237.0 |
| 157.5° | 1256.9 | 1256.9 | 1256.9 | 1257.2 | 1257.9 | 1258.6 | 1259.2 | 1259.9 | 1259.2 | 1258.6 | 1257.9 |
| 160°   | 1274.1 | 1273.9 | 1273.8 | 1274.5 | 1275.8 | 1277.1 | 1278.4 | 1279.7 | 1278.4 | 1277.1 | 1275.8 |
| 162.5° | 1289.9 | 1289.7 | 1289.6 | 1290.3 | 1291.6 | 1292.9 | 1294.3 | 1295.6 | 1294.3 | 1292.9 | 1291.6 |
| 165°   | 1303.8 | 1303.6 | 1303.5 | 1304.2 | 1305.5 | 1306.8 | 1308.2 | 1309.5 | 1308.2 | 1306.8 | 1305.5 |
| 167.5° | 1314.8 | 1314.6 | 1314.5 | 1315.2 | 1316.5 | 1317.8 | 1319.1 | 1320.4 | 1319.1 | 1317.8 | 1316.5 |
| 170°   | 1322.7 | 1322.5 | 1322.4 | 1323.2 | 1324.7 | 1326.3 | 1327.8 | 1329.4 | 1327.8 | 1326.3 | 1324.7 |
| 172.5° | 1329.1 | 1328.6 | 1328.4 | 1329.2 | 1330.7 | 1332.2 | 1333.8 | 1335.3 | 1333.8 | 1332.2 | 1330.7 |
| 175°   | 1333.6 | 1333.4 | 1333.3 | 1334.0 | 1335.3 | 1336.6 | 1338.0 | 1339.3 | 1338.0 | 1336.6 | 1335.3 |
| 177.5° | 1336.6 | 1336.4 | 1336.3 | 1337.0 | 1338.3 | 1339.6 | 1341.0 | 1342.3 | 1341.0 | 1339.6 | 1338.3 |
| 180°   | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 |
| 2.5°   | 1823.7 | 1820.5 | 1812.7 | 1808.0 | 1792.3 | 1773.5 | 1767.2 | 1751.5 | 1757.8 | 1746.8 | 1746.8 |
| 5°     | 1775.0 | 1760.9 | 1751.5 | 1737.4 | 1707.5 | 1687.1 | 1665.2 | 1654.2 | 1647.9 | 1640.1 | 1633.8 |
| 7.5°   | 1712.2 | 1701.3 | 1691.8 | 1665.2 | 1632.2 | 1604.0 | 1577.3 | 1566.3 | 1545.9 | 1531.8 | 1525.5 |
| 10°    | 1657.3 | 1641.6 | 1619.6 | 1588.3 | 1553.7 | 1517.6 | 1494.1 | 1470.6 | 1454.9 | 1447.0 | 1429.7 |
| 12.5°  | 1600.8 | 1582.0 | 1558.4 | 1512.9 | 1475.3 | 1453.3 | 1410.9 | 1388.9 | 1381.1 | 1374.8 | 1354.4 |
| 15°    | 1542.7 | 1522.3 | 1494.1 | 1451.7 | 1418.8 | 1367.0 | 1341.9 | 1324.6 | 1305.8 | 1304.2 | 1288.5 |
| 17.5°  | 1491.0 | 1465.8 | 1442.3 | 1390.5 | 1349.7 | 1304.2 | 1290.1 | 1271.2 | 1254.0 | 1235.1 | 1227.3 |
| 20°    | 1425.0 | 1401.5 | 1384.2 | 1327.7 | 1282.2 | 1254.0 | 1230.4 | 1214.7 | 1203.7 | 1184.9 | 1181.8 |
| 22.5°  | 1365.4 | 1340.3 | 1316.7 | 1274.4 | 1235.1 | 1199.0 | 1170.8 | 1153.5 | 1148.8 | 1141.0 | 1126.8 |
| 25°    | 1307.3 | 1282.2 | 1254.0 | 1214.7 | 1173.9 | 1148.8 | 1123.7 | 1112.7 | 1103.3 | 1090.8 | 1079.8 |
| 27.5°  | 1258.7 | 1235.1 | 1208.5 | 1159.8 | 1125.3 | 1106.4 | 1079.8 | 1067.2 | 1054.7 | 1048.4 | 1043.7 |
| 30°    | 1200.6 | 1173.9 | 1153.5 | 1115.9 | 1078.2 | 1053.1 | 1034.3 | 1023.3 | 1012.3 | 1006.0 | 1002.9 |
| 32.5°  | 1144.1 | 1119.0 | 1104.9 | 1064.1 | 1034.3 | 1004.4 | 990.3  | 982.5  | 976.2  | 969.9  | 963.6  |
| 35°    | 1098.6 | 1073.5 | 1051.5 | 1013.8 | 984.0  | 963.6  | 952.6  | 940.1  | 935.4  | 929.1  | 929.1  |
| 37.5°  | 1042.1 | 1023.3 | 1001.3 | 965.2  | 938.5  | 922.8  | 913.4  | 897.7  | 896.1  | 893.0  | 888.3  |
| 40°    | 993.4  | 974.6  | 954.2  | 922.8  | 899.3  | 880.4  | 867.9  | 860.0  | 855.3  | 852.2  | 849.1  |
| 42.5°  | 941.7  | 921.3  | 911.8  | 875.7  | 855.3  | 836.5  | 830.2  | 822.4  | 820.8  | 814.5  | 806.7  |
| 45°    | 891.4  | 874.2  | 855.3  | 828.7  | 811.4  | 795.7  | 786.3  | 780.0  | 772.2  | 770.6  | 765.9  |
| 47.5°  | 847.5  | 827.1  | 809.8  | 784.7  | 765.9  | 753.3  | 745.5  | 737.6  | 731.4  | 726.6  | 721.9  |
| 50°    | 791.0  | 775.3  | 761.2  | 734.5  | 718.8  | 706.2  | 695.3  | 689.0  | 682.7  | 682.7  | 682.7  |
| 52.5°  | 736.1  | 721.9  | 709.4  | 690.5  | 671.7  | 660.7  | 648.2  | 643.5  | 640.3  | 635.6  | 640.3  |
| 55°    | 682.7  | 668.6  | 656.0  | 641.9  | 619.9  | 610.5  | 598.0  | 593.2  | 594.8  | 594.8  | 599.5  |
| 57.5°  | 626.2  | 615.2  | 607.4  | 590.1  | 569.7  | 560.3  | 552.4  | 547.7  | 547.7  | 554.0  | 555.6  |
| 60°    | 571.3  | 560.3  | 546.2  | 530.5  | 517.9  | 506.9  | 502.2  | 503.8  | 503.8  | 506.9  | 514.8  |
| 62.5°  | 510.1  | 503.8  | 495.9  | 474.0  | 466.1  | 458.3  | 452.0  | 456.7  | 455.1  | 463.0  | 474.0  |
| 65°    | 453.6  | 447.3  | 436.3  | 425.3  | 415.9  | 408.1  | 406.5  | 408.1  | 411.2  | 419.0  | 431.6  |
| 67.5°  | 390.8  | 390.8  | 381.4  | 372.0  | 364.1  | 356.3  | 357.8  | 359.4  | 362.5  | 372.0  | 390.8  |
| 70°    | 339.0  | 332.7  | 323.3  | 317.0  | 310.7  | 307.6  | 304.5  | 310.7  | 320.2  | 326.4  | 340.6  |
| 72.5°  | 282.5  | 277.8  | 269.9  | 263.7  | 262.1  | 259.0  | 257.4  | 260.5  | 269.9  | 280.9  | 296.6  |
| 75°    | 222.9  | 224.4  | 219.7  | 215.0  | 215.0  | 210.3  | 213.4  | 213.4  | 222.9  | 233.8  | 246.4  |
| 77.5°  | 172.6  | 171.1  | 169.5  | 166.4  | 164.8  | 164.8  | 164.8  | 167.9  | 177.3  | 183.6  | 196.2  |
| 80°    | 122.4  | 124.0  | 119.3  | 120.8  | 119.3  | 120.8  | 120.8  | 127.1  | 131.8  | 139.7  | 149.1  |
| 82.5°  | 81.6   | 81.6   | 78.5   | 80.0   | 80.0   | 80.0   | 81.6   | 84.7   | 91.0   | 97.3   | 103.6  |
| 85°    | 45.5   | 47.1   | 43.9   | 47.1   | 47.1   | 47.1   | 48.7   | 50.2   | 54.9   | 56.5   | 62.8   |
| 87.5°  | 17.3   | 20.4   | 20.4   | 17.3   | 18.8   | 20.4   | 22.0   | 20.4   | 23.5   | 26.7   | 28.2   |
| 90°    | 8.0    | 8.9    | 9.7    | 11.2   | 12.8   | 14.3   | 15.9   | 17.0   | 18.1   | 19.2   | 20.3   |
| 92.5°  | 10.9   | 9.9    | 10.6   | 11.9   | 13.2   | 14.6   | 15.9   | 17.0   | 18.1   | 19.2   | 20.3   |
| 95°    | 53.9   | 53.6   | 49.4   | 41.0   | 32.7   | 24.3   | 15.9   | 17.0   | 18.1   | 19.2   | 20.3   |
| 97.5°  | 111.5  | 112.2  | 101.7  | 80.8   | 59.8   | 38.9   | 17.9   | 18.3   | 18.8   | 19.2   | 19.7   |
| 100°   | 168.5  | 168.8  | 169.2  | 170.1  | 171.0  | 171.8  | 172.7  | 139.8  | 107.0  | 74.1   | 41.2   |
| 102.5° | 229.9  | 230.3  | 230.5  | 231.0  | 231.4  | 231.9  | 232.3  | 232.7  | 233.2  | 233.6  | 234.1  |
| 105°   | 295.5  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  |
| 107.5° | 359.4  | 359.4  | 359.6  | 360.1  | 360.5  | 361.0  | 361.4  | 361.6  | 361.8  | 362.1  | 362.3  |
| 110°   | 424.9  | 424.9  | 425.1  | 425.6  | 426.0  | 426.5  | 426.9  | 426.2  | 425.6  | 424.9  | 424.2  |

TEST NUMBER: P1027544

CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 489.2  | 489.5  | 489.6  | 489.8  | 490.0  | 490.2  | 490.4  | 489.5  | 488.7  | 487.8  | 486.9  |
| 115°   | 552.4  | 553.0  | 553.1  | 553.3  | 553.6  | 553.8  | 554.0  | 553.1  | 552.2  | 551.3  | 550.4  |
| 117.5° | 612.6  | 612.6  | 613.0  | 613.9  | 614.8  | 615.6  | 616.5  | 615.2  | 613.9  | 612.6  | 611.3  |
| 120°   | 671.2  | 671.1  | 671.4  | 672.1  | 672.8  | 673.4  | 674.1  | 673.7  | 673.2  | 672.8  | 672.3  |
| 122.5° | 729.1  | 729.7  | 729.8  | 730.0  | 730.3  | 730.5  | 730.7  | 730.3  | 729.8  | 729.4  | 728.9  |
| 125°   | 785.5  | 786.3  | 786.3  | 786.3  | 786.3  | 786.3  | 786.3  | 785.4  | 784.5  | 783.6  | 782.7  |
| 127.5° | 836.4  | 836.9  | 836.8  | 836.6  | 836.3  | 836.1  | 835.9  | 835.5  | 835.1  | 834.6  | 834.2  |
| 130°   | 884.0  | 884.6  | 884.7  | 884.9  | 885.2  | 885.4  | 885.6  | 884.9  | 884.3  | 883.6  | 882.9  |
| 132.5° | 932.5  | 933.2  | 932.9  | 932.2  | 931.6  | 930.9  | 930.3  | 930.3  | 930.3  | 930.3  | 930.3  |
| 135°   | 977.2  | 977.9  | 977.7  | 977.2  | 976.8  | 976.3  | 975.9  | 975.5  | 975.0  | 974.6  | 974.1  |
| 137.5° | 1018.9 | 1019.6 | 1019.4 | 1018.9 | 1018.5 | 1018.0 | 1017.6 | 1017.6 | 1017.6 | 1017.6 | 1017.6 |
| 140°   | 1056.1 | 1056.3 | 1056.2 | 1056.0 | 1055.7 | 1055.5 | 1055.3 | 1055.7 | 1056.2 | 1056.6 | 1057.1 |
| 142.5° | 1092.0 | 1092.1 | 1092.3 | 1092.8 | 1093.2 | 1093.7 | 1094.1 | 1094.1 | 1094.1 | 1094.1 | 1094.1 |
| 145°   | 1128.6 | 1128.8 | 1128.8 | 1128.8 | 1128.8 | 1128.8 | 1128.8 | 1129.0 | 1129.2 | 1129.5 | 1129.7 |
| 147.5° | 1158.6 | 1158.6 | 1158.7 | 1158.9 | 1159.2 | 1159.4 | 1159.6 | 1159.8 | 1160.0 | 1160.3 | 1160.5 |
| 150°   | 1186.6 | 1186.4 | 1186.6 | 1187.1 | 1187.5 | 1188.0 | 1188.4 | 1188.8 | 1189.3 | 1189.7 | 1190.2 |
| 152.5° | 1212.8 | 1212.2 | 1212.4 | 1212.9 | 1213.3 | 1213.8 | 1214.2 | 1214.6 | 1215.1 | 1215.5 | 1216.0 |
| 155°   | 1235.7 | 1235.0 | 1235.2 | 1235.7 | 1236.1 | 1236.6 | 1237.0 | 1237.7 | 1238.3 | 1239.0 | 1239.7 |
| 157.5° | 1257.2 | 1256.9 | 1256.9 | 1256.9 | 1256.9 | 1256.9 | 1256.9 | 1257.6 | 1258.2 | 1258.9 | 1259.6 |
| 160°   | 1274.5 | 1273.8 | 1273.9 | 1274.1 | 1274.4 | 1274.6 | 1274.8 | 1275.7 | 1276.5 | 1277.4 | 1278.3 |
| 162.5° | 1290.3 | 1289.6 | 1289.7 | 1289.9 | 1290.2 | 1290.4 | 1290.6 | 1291.9 | 1293.3 | 1294.6 | 1295.9 |
| 165°   | 1304.2 | 1303.5 | 1303.6 | 1303.8 | 1304.1 | 1304.3 | 1304.5 | 1305.8 | 1307.2 | 1308.5 | 1309.8 |
| 167.5° | 1315.2 | 1314.5 | 1314.6 | 1314.8 | 1315.1 | 1315.3 | 1315.5 | 1317.0 | 1318.6 | 1320.1 | 1321.6 |
| 170°   | 1323.2 | 1322.4 | 1322.5 | 1322.7 | 1323.0 | 1323.2 | 1323.4 | 1325.2 | 1326.9 | 1328.7 | 1330.4 |
| 172.5° | 1329.2 | 1328.4 | 1328.6 | 1329.1 | 1329.5 | 1330.0 | 1330.4 | 1331.9 | 1333.5 | 1335.0 | 1336.5 |
| 175°   | 1334.0 | 1333.3 | 1333.4 | 1333.6 | 1333.9 | 1334.1 | 1334.3 | 1336.1 | 1337.9 | 1339.6 | 1341.4 |
| 177.5° | 1337.0 | 1336.3 | 1336.4 | 1336.6 | 1336.9 | 1337.1 | 1337.3 | 1338.9 | 1340.4 | 1342.0 | 1343.5 |
| 180°   | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 |

TEST NUMBER: P1027544

CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 |
| 2.5°   | 1753.0 | 1742.1 | 1740.5 | 1743.6 | 1737.4 | 1746.8 | 1743.6 | 1746.8 | 1738.9 | 1746.8 | 1742.1 |
| 5°     | 1632.2 | 1629.1 | 1622.8 | 1614.9 | 1616.5 | 1618.1 | 1625.9 | 1618.1 | 1624.4 | 1625.9 | 1633.8 |
| 7.5°   | 1519.2 | 1512.9 | 1517.6 | 1514.5 | 1500.4 | 1497.2 | 1500.4 | 1505.1 | 1514.5 | 1520.8 | 1525.5 |
| 10°    | 1428.2 | 1425.0 | 1418.8 | 1414.1 | 1406.2 | 1401.5 | 1407.8 | 1401.5 | 1414.1 | 1425.0 | 1425.0 |
| 12.5°  | 1359.1 | 1346.6 | 1338.7 | 1337.2 | 1319.9 | 1323.0 | 1329.3 | 1334.0 | 1348.1 | 1354.4 | 1354.4 |
| 15°    | 1286.9 | 1277.5 | 1274.4 | 1268.1 | 1261.8 | 1268.1 | 1265.0 | 1269.7 | 1275.9 | 1282.2 | 1285.4 |
| 17.5°  | 1224.2 | 1222.6 | 1224.2 | 1208.5 | 1213.2 | 1205.3 | 1206.9 | 1214.7 | 1210.0 | 1214.7 | 1224.2 |
| 20°    | 1167.7 | 1170.8 | 1166.1 | 1159.8 | 1159.8 | 1150.4 | 1161.4 | 1158.2 | 1159.8 | 1169.2 | 1183.3 |
| 22.5°  | 1125.3 | 1123.7 | 1119.0 | 1114.3 | 1108.0 | 1109.6 | 1111.2 | 1108.0 | 1120.6 | 1128.4 | 1130.0 |
| 25°    | 1079.8 | 1076.6 | 1075.1 | 1070.3 | 1064.1 | 1070.3 | 1068.8 | 1070.3 | 1073.5 | 1086.0 | 1076.6 |
| 27.5°  | 1037.4 | 1031.1 | 1034.3 | 1029.5 | 1028.0 | 1029.5 | 1029.5 | 1031.1 | 1034.3 | 1035.8 | 1037.4 |
| 30°    | 1001.3 | 995.0  | 993.4  | 990.3  | 988.7  | 990.3  | 993.4  | 990.3  | 1002.9 | 1001.3 | 1001.3 |
| 32.5°  | 962.1  | 957.3  | 954.2  | 954.2  | 952.6  | 951.1  | 952.6  | 954.2  | 963.6  | 957.3  | 963.6  |
| 35°    | 924.4  | 921.3  | 921.3  | 918.1  | 916.5  | 916.5  | 916.5  | 922.8  | 919.7  | 924.4  | 924.4  |
| 37.5°  | 888.3  | 888.3  | 886.7  | 883.6  | 882.0  | 883.6  | 882.0  | 885.2  | 883.6  | 885.2  | 886.7  |
| 40°    | 850.6  | 847.5  | 845.9  | 845.9  | 841.2  | 836.5  | 841.2  | 841.2  | 842.8  | 847.5  | 849.1  |
| 42.5°  | 805.1  | 806.7  | 806.7  | 800.4  | 800.4  | 800.4  | 802.0  | 803.5  | 803.5  | 806.7  | 806.7  |
| 45°    | 765.9  | 762.7  | 762.7  | 762.7  | 759.6  | 761.2  | 764.3  | 764.3  | 764.3  | 764.3  | 761.2  |
| 47.5°  | 721.9  | 721.9  | 723.5  | 723.5  | 728.2  | 726.6  | 726.6  | 725.1  | 721.9  | 721.9  | 723.5  |
| 50°    | 681.1  | 685.8  | 687.4  | 687.4  | 689.0  | 690.5  | 690.5  | 687.4  | 685.8  | 681.1  | 681.1  |
| 52.5°  | 641.9  | 645.0  | 648.2  | 652.9  | 656.0  | 654.5  | 654.5  | 651.3  | 645.0  | 643.5  | 641.9  |
| 55°    | 599.5  | 604.2  | 610.5  | 615.2  | 619.9  | 621.5  | 621.5  | 615.2  | 608.9  | 601.1  | 601.1  |
| 57.5°  | 560.3  | 565.0  | 576.0  | 580.7  | 587.0  | 587.0  | 583.8  | 579.1  | 569.7  | 563.4  | 558.7  |
| 60°    | 521.0  | 528.9  | 536.7  | 546.2  | 554.0  | 555.6  | 550.9  | 544.6  | 533.6  | 525.8  | 519.5  |
| 62.5°  | 478.7  | 486.5  | 502.2  | 511.6  | 517.9  | 517.9  | 517.9  | 510.1  | 495.9  | 485.0  | 475.5  |
| 65°    | 437.9  | 445.7  | 459.8  | 472.4  | 477.1  | 481.8  | 477.1  | 469.3  | 458.3  | 445.7  | 436.3  |
| 67.5°  | 395.5  | 404.9  | 419.0  | 428.5  | 434.7  | 439.4  | 436.3  | 430.0  | 415.9  | 398.6  | 392.4  |
| 70°    | 348.4  | 353.1  | 373.5  | 382.9  | 392.4  | 395.5  | 392.4  | 382.9  | 368.8  | 350.0  | 343.7  |
| 72.5°  | 304.5  | 309.2  | 328.0  | 335.9  | 343.7  | 346.8  | 342.1  | 335.9  | 323.3  | 306.0  | 298.2  |
| 75°    | 254.2  | 262.1  | 271.5  | 284.1  | 293.5  | 296.6  | 291.9  | 287.2  | 271.5  | 260.5  | 254.2  |
| 77.5°  | 200.9  | 208.7  | 221.3  | 232.3  | 241.7  | 240.1  | 233.8  | 235.4  | 218.2  | 205.6  | 200.9  |
| 80°    | 152.2  | 158.5  | 167.9  | 177.3  | 182.1  | 182.1  | 180.5  | 174.2  | 167.9  | 158.5  | 150.7  |
| 82.5°  | 105.2  | 113.0  | 120.8  | 127.1  | 127.1  | 128.7  | 125.6  | 124.0  | 117.7  | 109.9  | 108.3  |
| 85°    | 62.8   | 64.3   | 70.6   | 70.6   | 76.9   | 73.8   | 72.2   | 76.9   | 70.6   | 65.9   | 64.3   |
| 87.5°  | 28.2   | 26.7   | 28.2   | 28.2   | 26.7   | 29.8   | 29.8   | 28.2   | 29.8   | 28.2   | 28.2   |
| 90°    | 20.8   | 21.1   | 21.8   | 22.5   | 23.1   | 23.8   | 23.1   | 22.5   | 21.8   | 21.1   | 20.8   |
| 92.5°  | 20.8   | 20.9   | 21.1   | 21.4   | 21.6   | 21.8   | 21.6   | 21.4   | 21.1   | 20.9   | 20.8   |
| 95°    | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   | 20.8   |
| 97.5°  | 19.9   | 20.0   | 20.2   | 20.4   | 20.6   | 20.8   | 20.6   | 20.4   | 20.2   | 20.0   | 19.9   |
| 100°   | 24.8   | 24.4   | 23.5   | 22.6   | 21.7   | 20.8   | 21.7   | 22.6   | 23.5   | 24.4   | 24.8   |
| 102.5° | 234.3  | 225.0  | 206.5  | 188.0  | 169.4  | 150.9  | 169.4  | 188.0  | 206.5  | 225.0  | 234.3  |
| 105°   | 295.9  | 295.8  | 295.6  | 295.3  | 295.1  | 294.9  | 295.1  | 295.3  | 295.6  | 295.8  | 295.9  |
| 107.5° | 362.4  | 362.0  | 361.1  | 360.2  | 359.3  | 358.4  | 359.3  | 360.2  | 361.1  | 362.0  | 362.4  |
| 110°   | 423.9  | 424.0  | 424.2  | 424.5  | 424.7  | 424.9  | 424.7  | 424.5  | 424.2  | 424.0  | 423.9  |

TEST NUMBER: P1027544

CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 486.5  | 486.3  | 485.8  | 485.4  | 484.9  | 484.5  | 484.9  | 485.4  | 485.8  | 486.3  | 486.5  |
| 115°   | 550.0  | 549.3  | 548.0  | 546.7  | 545.4  | 544.1  | 545.4  | 546.7  | 548.0  | 549.3  | 550.0  |
| 117.5° | 610.6  | 610.4  | 609.9  | 609.5  | 609.0  | 608.6  | 609.0  | 609.5  | 609.9  | 610.4  | 610.6  |
| 120°   | 672.1  | 671.6  | 670.5  | 669.4  | 668.3  | 667.2  | 668.3  | 669.4  | 670.5  | 671.6  | 672.1  |
| 122.5° | 728.7  | 728.0  | 726.7  | 725.4  | 724.1  | 722.8  | 724.1  | 725.4  | 726.7  | 728.0  | 728.7  |
| 125°   | 782.3  | 782.0  | 781.3  | 780.6  | 780.0  | 779.3  | 780.0  | 780.6  | 781.3  | 782.0  | 782.3  |
| 127.5° | 834.0  | 833.1  | 831.3  | 829.6  | 827.8  | 826.0  | 827.8  | 829.6  | 831.3  | 833.1  | 834.0  |
| 130°   | 882.6  | 882.0  | 880.9  | 879.8  | 878.7  | 877.6  | 878.7  | 879.8  | 880.9  | 882.0  | 882.6  |
| 132.5° | 930.3  | 929.7  | 928.6  | 927.5  | 926.4  | 925.3  | 926.4  | 927.5  | 928.6  | 929.7  | 930.3  |
| 135°   | 973.9  | 973.2  | 971.9  | 970.6  | 969.3  | 968.0  | 969.3  | 970.6  | 971.9  | 973.2  | 973.9  |
| 137.5° | 1017.6 | 1017.1 | 1016.0 | 1014.9 | 1013.8 | 1012.7 | 1013.8 | 1014.9 | 1016.0 | 1017.1 | 1017.6 |
| 140°   | 1057.3 | 1056.6 | 1055.3 | 1054.0 | 1052.7 | 1051.4 | 1052.7 | 1054.0 | 1055.3 | 1056.6 | 1057.3 |
| 142.5° | 1094.1 | 1093.4 | 1092.1 | 1090.8 | 1089.4 | 1088.1 | 1089.4 | 1090.8 | 1092.1 | 1093.4 | 1094.1 |
| 145°   | 1129.8 | 1129.1 | 1127.8 | 1126.5 | 1125.2 | 1123.9 | 1125.2 | 1126.5 | 1127.8 | 1129.1 | 1129.8 |
| 147.5° | 1160.6 | 1159.8 | 1158.3 | 1156.7 | 1155.2 | 1153.6 | 1155.2 | 1156.7 | 1158.3 | 1159.8 | 1160.6 |
| 150°   | 1190.4 | 1189.5 | 1187.7 | 1186.0 | 1184.2 | 1182.4 | 1184.2 | 1186.0 | 1187.7 | 1189.5 | 1190.4 |
| 152.5° | 1216.2 | 1215.4 | 1213.9 | 1212.3 | 1210.8 | 1209.2 | 1210.8 | 1212.3 | 1213.9 | 1215.4 | 1216.2 |
| 155°   | 1240.0 | 1239.1 | 1237.4 | 1235.6 | 1233.9 | 1232.1 | 1233.9 | 1235.6 | 1237.4 | 1239.1 | 1240.0 |
| 157.5° | 1259.9 | 1259.0 | 1257.2 | 1255.5 | 1253.7 | 1251.9 | 1253.7 | 1255.5 | 1257.2 | 1259.0 | 1259.9 |
| 160°   | 1278.7 | 1277.8 | 1276.1 | 1274.3 | 1272.6 | 1270.8 | 1272.6 | 1274.3 | 1276.1 | 1277.8 | 1278.7 |
| 162.5° | 1296.6 | 1295.6 | 1293.6 | 1291.7 | 1289.7 | 1287.7 | 1289.7 | 1291.7 | 1293.6 | 1295.6 | 1296.6 |
| 165°   | 1310.5 | 1309.6 | 1307.9 | 1306.1 | 1304.4 | 1302.6 | 1304.4 | 1306.1 | 1307.9 | 1309.6 | 1310.5 |
| 167.5° | 1322.4 | 1321.4 | 1319.4 | 1317.5 | 1315.5 | 1313.5 | 1315.5 | 1317.5 | 1319.4 | 1321.4 | 1322.4 |
| 170°   | 1331.3 | 1330.3 | 1328.3 | 1326.4 | 1324.4 | 1322.4 | 1324.4 | 1326.4 | 1328.3 | 1330.3 | 1331.3 |
| 172.5° | 1337.3 | 1336.3 | 1334.3 | 1332.4 | 1330.4 | 1328.4 | 1330.4 | 1332.4 | 1334.3 | 1336.3 | 1337.3 |
| 175°   | 1342.3 | 1341.3 | 1339.3 | 1337.3 | 1335.3 | 1333.3 | 1335.3 | 1337.3 | 1339.3 | 1341.3 | 1342.3 |
| 177.5° | 1344.3 | 1343.4 | 1341.6 | 1339.9 | 1338.1 | 1336.3 | 1338.1 | 1339.9 | 1341.6 | 1343.4 | 1344.3 |
| 180°   | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 |

TEST NUMBER: P1027544

CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 | 1848.8 |
| 2.5°   | 1756.2 | 1746.8 | 1757.8 | 1743.6 | 1746.8 | 1764.0 | 1762.5 | 1778.2 | 1787.6 | 1786.0 | 1793.9 |
| 5°     | 1640.1 | 1640.1 | 1644.8 | 1643.2 | 1658.9 | 1673.0 | 1691.8 | 1707.5 | 1724.8 | 1734.2 | 1745.2 |
| 7.5°   | 1525.5 | 1541.2 | 1544.3 | 1552.2 | 1571.0 | 1594.5 | 1613.4 | 1636.9 | 1662.0 | 1679.3 | 1691.8 |
| 10°    | 1431.3 | 1443.9 | 1456.4 | 1462.7 | 1483.1 | 1514.5 | 1541.2 | 1578.8 | 1610.2 | 1629.1 | 1646.3 |
| 12.5°  | 1348.1 | 1362.3 | 1368.5 | 1396.8 | 1410.9 | 1431.3 | 1469.0 | 1509.8 | 1544.3 | 1564.7 | 1578.8 |
| 15°    | 1288.5 | 1296.3 | 1310.5 | 1327.7 | 1341.9 | 1367.0 | 1398.4 | 1443.9 | 1476.8 | 1494.1 | 1542.7 |
| 17.5°  | 1238.3 | 1247.7 | 1255.5 | 1263.4 | 1285.4 | 1312.0 | 1341.9 | 1381.1 | 1423.5 | 1453.3 | 1478.4 |
| 20°    | 1186.5 | 1191.2 | 1200.6 | 1213.2 | 1228.9 | 1254.0 | 1280.7 | 1321.5 | 1359.1 | 1382.7 | 1415.6 |
| 22.5°  | 1125.3 | 1139.4 | 1148.8 | 1158.2 | 1175.5 | 1203.7 | 1228.9 | 1258.7 | 1305.8 | 1332.4 | 1367.0 |
| 25°    | 1089.2 | 1095.5 | 1101.7 | 1112.7 | 1125.3 | 1150.4 | 1178.6 | 1210.0 | 1247.7 | 1275.9 | 1305.8 |
| 27.5°  | 1042.1 | 1051.5 | 1059.4 | 1073.5 | 1081.3 | 1101.7 | 1128.4 | 1159.8 | 1205.3 | 1228.9 | 1254.0 |
| 30°    | 1002.9 | 1012.3 | 1018.6 | 1024.8 | 1035.8 | 1057.8 | 1082.9 | 1108.0 | 1150.4 | 1180.2 | 1205.3 |
| 32.5°  | 963.6  | 973.0  | 980.9  | 985.6  | 996.6  | 1010.7 | 1031.1 | 1062.5 | 1098.6 | 1119.0 | 1152.0 |
| 35°    | 929.1  | 929.1  | 938.5  | 944.8  | 954.2  | 966.8  | 985.6  | 1009.1 | 1046.8 | 1073.5 | 1103.3 |
| 37.5°  | 889.9  | 891.4  | 899.3  | 904.0  | 913.4  | 926.0  | 944.8  | 966.8  | 998.2  | 1018.6 | 1048.4 |
| 40°    | 849.1  | 853.8  | 856.9  | 864.8  | 875.7  | 880.4  | 899.3  | 924.4  | 955.8  | 974.6  | 999.7  |
| 42.5°  | 808.3  | 811.4  | 819.2  | 825.5  | 834.9  | 842.8  | 855.3  | 878.9  | 902.4  | 930.7  | 951.1  |
| 45°    | 762.7  | 770.6  | 775.3  | 786.3  | 791.0  | 798.8  | 811.4  | 830.2  | 858.5  | 875.7  | 899.3  |
| 47.5°  | 723.5  | 726.6  | 729.8  | 743.9  | 753.3  | 758.0  | 770.6  | 781.6  | 811.4  | 827.1  | 849.1  |
| 50°    | 681.1  | 681.1  | 685.8  | 692.1  | 703.1  | 712.5  | 723.5  | 736.1  | 759.6  | 775.3  | 797.3  |
| 52.5°  | 641.9  | 637.2  | 640.3  | 643.5  | 654.5  | 663.9  | 674.9  | 692.1  | 714.1  | 723.5  | 742.3  |
| 55°    | 599.5  | 591.7  | 596.4  | 601.1  | 604.2  | 616.8  | 629.3  | 640.3  | 657.6  | 671.7  | 689.0  |
| 57.5°  | 554.0  | 552.4  | 549.3  | 550.9  | 558.7  | 566.6  | 576.0  | 590.1  | 610.5  | 621.5  | 630.9  |
| 60°    | 513.2  | 503.8  | 500.6  | 503.8  | 508.5  | 513.2  | 525.8  | 538.3  | 555.6  | 566.6  | 577.5  |
| 62.5°  | 470.8  | 461.4  | 455.1  | 450.4  | 455.1  | 466.1  | 474.0  | 483.4  | 497.5  | 510.1  | 519.5  |
| 65°    | 430.0  | 415.9  | 409.6  | 406.5  | 404.9  | 412.8  | 419.0  | 431.6  | 444.1  | 448.9  | 459.8  |
| 67.5°  | 384.5  | 372.0  | 364.1  | 359.4  | 359.4  | 359.4  | 365.7  | 378.2  | 390.8  | 392.4  | 403.3  |
| 70°    | 339.0  | 324.9  | 317.0  | 310.7  | 307.6  | 310.7  | 318.6  | 320.2  | 331.1  | 334.3  | 340.6  |
| 72.5°  | 290.3  | 277.8  | 268.4  | 260.5  | 262.1  | 265.2  | 265.2  | 268.4  | 274.6  | 282.5  | 282.5  |
| 75°    | 244.8  | 227.6  | 222.9  | 216.6  | 213.4  | 213.4  | 213.4  | 219.7  | 224.4  | 230.7  | 229.1  |
| 77.5°  | 193.0  | 183.6  | 174.2  | 171.1  | 166.4  | 164.8  | 167.9  | 167.9  | 171.1  | 175.8  | 177.3  |
| 80°    | 149.1  | 138.1  | 131.8  | 128.7  | 122.4  | 120.8  | 122.4  | 122.4  | 127.1  | 125.6  | 127.1  |
| 82.5°  | 103.6  | 95.7   | 91.0   | 86.3   | 83.2   | 84.7   | 83.2   | 83.2   | 84.7   | 83.2   | 83.2   |
| 85°    | 59.6   | 58.1   | 54.9   | 53.4   | 51.8   | 48.7   | 51.8   | 50.2   | 48.7   | 47.1   | 50.2   |
| 87.5°  | 28.2   | 26.7   | 26.7   | 23.5   | 23.5   | 22.0   | 23.5   | 23.5   | 22.0   | 22.0   | 22.0   |
| 90°    | 20.3   | 19.2   | 18.1   | 17.0   | 15.9   | 14.3   | 12.8   | 11.2   | 9.7    | 8.9    | 8.0    |
| 92.5°  | 20.3   | 19.2   | 18.1   | 17.0   | 15.9   | 14.6   | 13.2   | 11.9   | 10.6   | 9.9    | 10.9   |
| 95°    | 20.3   | 19.2   | 18.1   | 17.0   | 15.9   | 24.3   | 32.7   | 41.0   | 49.4   | 53.6   | 53.9   |
| 97.5°  | 19.7   | 19.2   | 18.8   | 18.3   | 17.9   | 38.9   | 59.8   | 80.8   | 101.7  | 112.2  | 111.5  |
| 100°   | 41.2   | 74.1   | 107.0  | 139.8  | 172.7  | 171.8  | 171.0  | 170.1  | 169.2  | 168.8  | 168.5  |
| 102.5° | 234.1  | 233.6  | 233.2  | 232.7  | 232.3  | 231.9  | 231.4  | 231.0  | 230.5  | 230.3  | 229.9  |
| 105°   | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.9  | 295.5  |
| 107.5° | 362.3  | 362.1  | 361.8  | 361.6  | 361.4  | 361.0  | 360.5  | 360.1  | 359.6  | 359.4  | 359.4  |
| 110°   | 424.2  | 424.9  | 425.6  | 426.2  | 426.9  | 426.5  | 426.0  | 425.6  | 425.1  | 424.9  | 424.9  |

TEST NUMBER: P1027544

CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 486.9  | 487.8  | 488.7  | 489.5  | 490.4  | 490.2  | 490.0  | 489.8  | 489.6  | 489.5  | 489.2  |
| 115°   | 550.4  | 551.3  | 552.2  | 553.1  | 554.0  | 553.8  | 553.6  | 553.3  | 553.1  | 553.0  | 552.4  |
| 117.5° | 611.3  | 612.6  | 613.9  | 615.2  | 616.5  | 615.6  | 614.8  | 613.9  | 613.0  | 612.6  | 612.6  |
| 120°   | 672.3  | 672.8  | 673.2  | 673.7  | 674.1  | 673.4  | 672.8  | 672.1  | 671.4  | 671.1  | 671.2  |
| 122.5° | 728.9  | 729.4  | 729.8  | 730.3  | 730.7  | 730.5  | 730.3  | 730.0  | 729.8  | 729.7  | 729.1  |
| 125°   | 782.7  | 783.6  | 784.5  | 785.4  | 786.3  | 786.3  | 786.3  | 786.3  | 786.3  | 786.3  | 785.5  |
| 127.5° | 834.2  | 834.6  | 835.1  | 835.5  | 835.9  | 836.1  | 836.3  | 836.6  | 836.8  | 836.9  | 836.4  |
| 130°   | 882.9  | 883.6  | 884.3  | 884.9  | 885.6  | 885.4  | 885.2  | 884.9  | 884.7  | 884.6  | 884.0  |
| 132.5° | 930.3  | 930.3  | 930.3  | 930.3  | 930.3  | 930.9  | 931.6  | 932.2  | 932.9  | 933.2  | 932.5  |
| 135°   | 974.1  | 974.6  | 975.0  | 975.5  | 975.9  | 976.3  | 976.8  | 977.2  | 977.7  | 977.9  | 977.2  |
| 137.5° | 1017.6 | 1017.6 | 1017.6 | 1017.6 | 1017.6 | 1018.0 | 1018.5 | 1018.9 | 1019.4 | 1019.6 | 1018.9 |
| 140°   | 1057.1 | 1056.6 | 1056.2 | 1055.7 | 1055.3 | 1055.5 | 1055.7 | 1056.0 | 1056.2 | 1056.3 | 1056.1 |
| 142.5° | 1094.1 | 1094.1 | 1094.1 | 1094.1 | 1094.1 | 1093.7 | 1093.2 | 1092.8 | 1092.3 | 1092.1 | 1092.0 |
| 145°   | 1129.7 | 1129.5 | 1129.2 | 1129.0 | 1128.8 | 1128.8 | 1128.8 | 1128.8 | 1128.8 | 1128.8 | 1128.6 |
| 147.5° | 1160.5 | 1160.3 | 1160.0 | 1159.8 | 1159.6 | 1159.4 | 1159.2 | 1158.9 | 1158.7 | 1158.6 | 1158.6 |
| 150°   | 1190.2 | 1189.7 | 1189.3 | 1188.8 | 1188.4 | 1188.0 | 1187.5 | 1187.1 | 1186.6 | 1186.4 | 1186.6 |
| 152.5° | 1216.0 | 1215.5 | 1215.1 | 1214.6 | 1214.2 | 1213.8 | 1213.3 | 1212.9 | 1212.4 | 1212.2 | 1212.8 |
| 155°   | 1239.7 | 1239.0 | 1238.3 | 1237.7 | 1237.0 | 1236.6 | 1236.1 | 1235.7 | 1235.2 | 1235.0 | 1235.7 |
| 157.5° | 1259.6 | 1258.9 | 1258.2 | 1257.6 | 1256.9 | 1256.9 | 1256.9 | 1256.9 | 1256.9 | 1256.9 | 1257.2 |
| 160°   | 1278.3 | 1277.4 | 1276.5 | 1275.7 | 1274.8 | 1274.6 | 1274.4 | 1274.1 | 1273.9 | 1273.8 | 1274.5 |
| 162.5° | 1295.9 | 1294.6 | 1293.3 | 1291.9 | 1290.6 | 1290.4 | 1290.2 | 1289.9 | 1289.7 | 1289.6 | 1290.3 |
| 165°   | 1309.8 | 1308.5 | 1307.2 | 1305.8 | 1304.5 | 1304.3 | 1304.1 | 1303.8 | 1303.6 | 1303.5 | 1304.2 |
| 167.5° | 1321.6 | 1320.1 | 1318.6 | 1317.0 | 1315.5 | 1315.3 | 1315.1 | 1314.8 | 1314.6 | 1314.5 | 1315.2 |
| 170°   | 1330.4 | 1328.7 | 1326.9 | 1325.2 | 1323.4 | 1323.2 | 1323.0 | 1322.7 | 1322.5 | 1322.4 | 1323.2 |
| 172.5° | 1336.5 | 1335.0 | 1333.5 | 1331.9 | 1330.4 | 1330.0 | 1329.5 | 1329.1 | 1328.6 | 1328.4 | 1329.2 |
| 175°   | 1341.4 | 1339.6 | 1337.9 | 1336.1 | 1334.3 | 1334.1 | 1333.9 | 1333.6 | 1333.4 | 1333.3 | 1334.0 |
| 177.5° | 1343.5 | 1342.0 | 1340.4 | 1338.9 | 1337.3 | 1337.1 | 1336.9 | 1336.6 | 1336.4 | 1336.3 | 1337.0 |
| 180°   | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 | 1339.3 |

TEST NUMBER: P1027544

CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1848.8 | 1848.8 | 1848.8 | 1848.8 |
| 2.5°   | 1804.8 | 1820.5 | 1831.5 | 1851.9 |
| 5°     | 1764.0 | 1792.3 | 1819.0 | 1847.2 |
| 7.5°   | 1723.2 | 1756.2 | 1798.6 | 1834.7 |
| 10°    | 1677.7 | 1720.1 | 1770.3 | 1819.0 |
| 12.5°  | 1632.2 | 1682.4 | 1737.4 | 1801.7 |
| 15°    | 1577.3 | 1641.6 | 1706.0 | 1775.0 |
| 17.5°  | 1528.6 | 1594.5 | 1663.6 | 1749.9 |
| 20°    | 1473.7 | 1545.9 | 1621.2 | 1709.1 |
| 22.5°  | 1425.0 | 1505.1 | 1583.6 | 1676.1 |
| 25°    | 1370.1 | 1448.6 | 1534.9 | 1633.8 |
| 27.5°  | 1324.6 | 1396.8 | 1481.5 | 1588.3 |
| 30°    | 1269.7 | 1348.1 | 1432.9 | 1539.6 |
| 32.5°  | 1217.9 | 1293.2 | 1382.7 | 1487.8 |
| 35°    | 1164.5 | 1241.4 | 1321.5 | 1421.9 |
| 37.5°  | 1114.3 | 1180.2 | 1260.2 | 1356.0 |
| 40°    | 1057.8 | 1130.0 | 1202.2 | 1277.5 |
| 42.5°  | 1006.0 | 1071.9 | 1139.4 | 1199.0 |
| 45°    | 947.9  | 1004.4 | 1068.8 | 1117.4 |
| 47.5°  | 894.6  | 944.8  | 995.0  | 1032.7 |
| 50°    | 841.2  | 880.4  | 918.1  | 951.1  |
| 52.5°  | 778.4  | 822.4  | 842.8  | 863.2  |
| 55°    | 721.9  | 747.0  | 765.9  | 786.3  |
| 57.5°  | 667.0  | 678.0  | 687.4  | 706.2  |
| 60°    | 594.8  | 607.4  | 618.4  | 632.5  |
| 62.5°  | 532.0  | 538.3  | 541.5  | 555.6  |
| 65°    | 472.4  | 470.8  | 478.7  | 486.5  |
| 67.5°  | 408.1  | 406.5  | 414.3  | 417.5  |
| 70°    | 345.3  | 343.7  | 345.3  | 353.1  |
| 72.5°  | 285.6  | 285.6  | 287.2  | 290.3  |
| 75°    | 230.7  | 230.7  | 232.3  | 235.4  |
| 77.5°  | 174.2  | 177.3  | 175.8  | 182.1  |
| 80°    | 127.1  | 124.0  | 127.1  | 130.3  |
| 82.5°  | 83.2   | 86.3   | 86.3   | 83.2   |
| 85°    | 47.1   | 47.1   | 47.1   | 47.1   |
| 87.5°  | 20.4   | 20.4   | 22.0   | 23.5   |
| 90°    | 6.3    | 4.5    | 2.8    | 1.0    |
| 92.5°  | 12.9   | 14.9   | 16.9   | 18.9   |
| 95°    | 54.6   | 55.3   | 55.9   | 56.6   |
| 97.5°  | 110.2  | 108.9  | 107.5  | 106.2  |
| 100°   | 167.8  | 167.1  | 166.5  | 165.8  |
| 102.5° | 229.0  | 228.1  | 227.3  | 226.4  |
| 105°   | 294.6  | 293.7  | 292.8  | 291.9  |
| 107.5° | 359.4  | 359.4  | 359.4  | 359.4  |
| 110°   | 424.9  | 424.9  | 424.9  | 424.9  |

TEST NUMBER: P1027544

CATALOG NUMBER: S125DIP-B1270D1090UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 488.5  | 487.8  | 487.2  | 486.5  |
| 115°   | 551.3  | 550.2  | 549.1  | 548.0  |
| 117.5° | 612.6  | 612.6  | 612.6  | 612.6  |
| 120°   | 671.4  | 671.7  | 671.9  | 672.1  |
| 122.5° | 728.0  | 726.9  | 725.8  | 724.7  |
| 125°   | 784.0  | 782.4  | 780.9  | 779.3  |
| 127.5° | 835.3  | 834.2  | 833.1  | 832.0  |
| 130°   | 882.9  | 881.8  | 880.7  | 879.6  |
| 132.5° | 931.2  | 929.9  | 928.6  | 927.3  |
| 135°   | 975.9  | 974.6  | 973.3  | 972.0  |
| 137.5° | 1017.6 | 1016.3 | 1015.0 | 1013.7 |
| 140°   | 1055.7 | 1055.2 | 1054.8 | 1054.4 |
| 142.5° | 1091.8 | 1091.5 | 1091.3 | 1091.1 |
| 145°   | 1128.1 | 1127.7 | 1127.2 | 1126.8 |
| 147.5° | 1158.6 | 1158.6 | 1158.6 | 1158.6 |
| 150°   | 1187.1 | 1187.5 | 1188.0 | 1188.4 |
| 152.5° | 1213.9 | 1215.0 | 1216.1 | 1217.2 |
| 155°   | 1237.0 | 1238.3 | 1239.7 | 1241.0 |
| 157.5° | 1257.9 | 1258.6 | 1259.2 | 1259.9 |
| 160°   | 1275.8 | 1277.1 | 1278.4 | 1279.7 |
| 162.5° | 1291.6 | 1292.9 | 1294.3 | 1295.6 |
| 165°   | 1305.5 | 1306.8 | 1308.2 | 1309.5 |
| 167.5° | 1316.5 | 1317.8 | 1319.1 | 1320.4 |
| 170°   | 1324.7 | 1326.3 | 1327.8 | 1329.4 |
| 172.5° | 1330.7 | 1332.2 | 1333.8 | 1335.3 |
| 175°   | 1335.3 | 1336.6 | 1338.0 | 1339.3 |
| 177.5° | 1338.3 | 1339.6 | 1341.0 | 1342.3 |
| 180°   | 1339.3 | 1339.3 | 1339.3 | 1339.3 |

(END OF REPORT)