

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: P1010246

Luminaire Tested: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1010246  
REPORT IS A COMBINATION OF REPORTS P988618 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122RDIP-B865D1080UB27-4F0-XX-W2A-A  
Description: Define 2 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}  
{m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

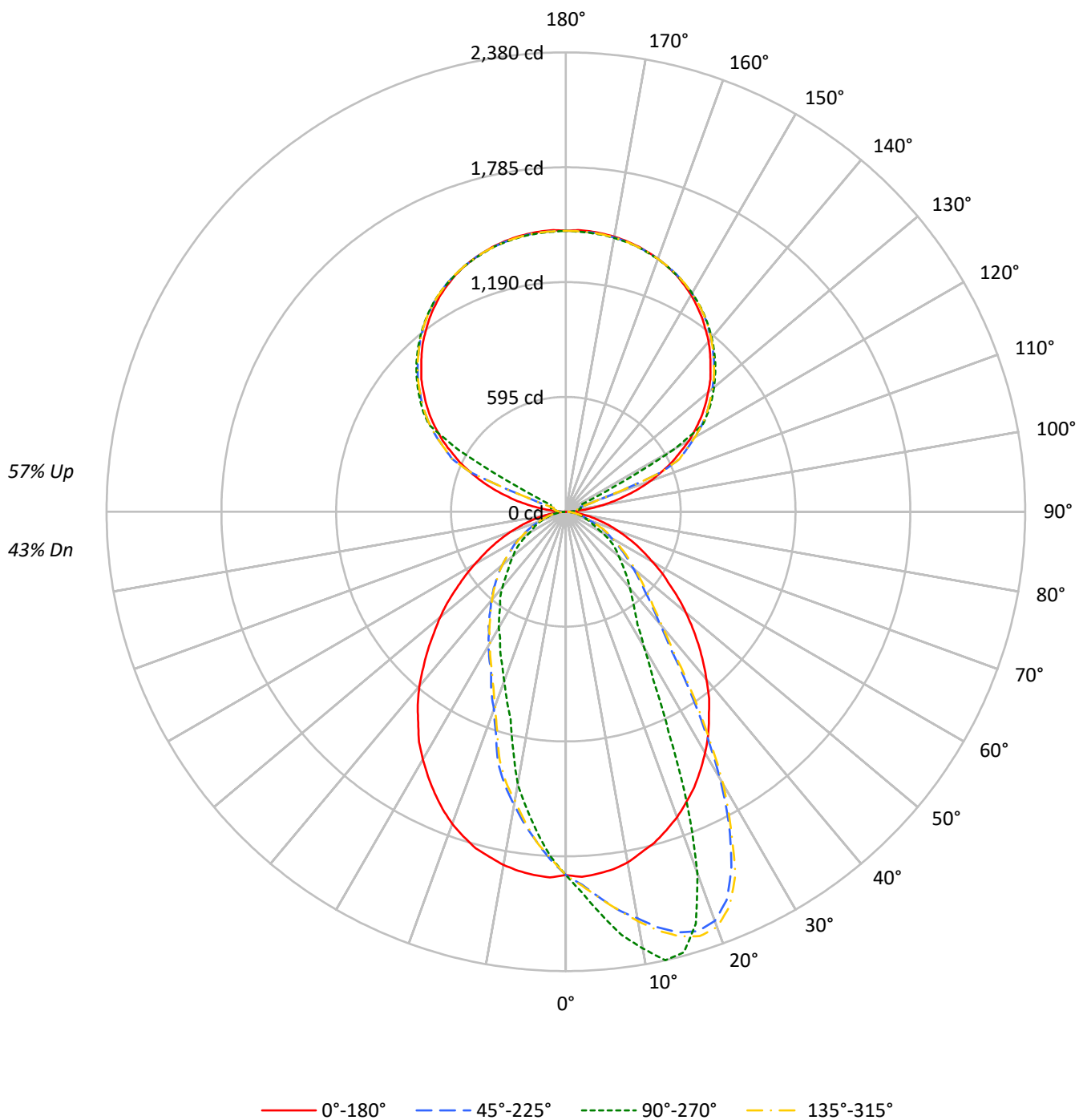
Lumens per Lamp: N/A  
Luminaire Lumens: 7522.0 lumens  
Efficiency: N/A  
Efficacy: 92.0 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 81.8  
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: P1010246

CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1010246

CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-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   | 106 | 106 | 106 | 106 | 96 | 96 | 96 | 96 | 80 | 80 | 80 | 64 | 64 | 64 | 50 | 50 | 50 |
| 1   | 97  | 93  | 89  | 86  | 89 | 85 | 82 | 79 | 71 | 69 | 67 | 57 | 56 | 55 | 45 | 44 | 43 |
| 2   | 89  | 82  | 76  | 71  | 81 | 75 | 70 | 66 | 63 | 59 | 56 | 51 | 49 | 47 | 41 | 39 | 38 |
| 3   | 82  | 73  | 66  | 60  | 74 | 67 | 61 | 56 | 56 | 52 | 48 | 46 | 43 | 40 | 37 | 35 | 33 |
| 4   | 75  | 65  | 57  | 52  | 68 | 60 | 53 | 48 | 50 | 46 | 42 | 41 | 38 | 35 | 33 | 31 | 29 |
| 5   | 69  | 58  | 50  | 45  | 63 | 54 | 47 | 42 | 45 | 40 | 37 | 38 | 34 | 31 | 30 | 28 | 26 |
| 6   | 64  | 52  | 45  | 39  | 58 | 49 | 42 | 37 | 41 | 36 | 32 | 34 | 31 | 28 | 28 | 25 | 23 |
| 7   | 59  | 48  | 40  | 35  | 54 | 44 | 37 | 33 | 38 | 32 | 29 | 31 | 28 | 25 | 26 | 23 | 21 |
| 8   | 55  | 43  | 36  | 31  | 51 | 40 | 34 | 29 | 34 | 29 | 26 | 29 | 25 | 22 | 24 | 21 | 19 |
| 9   | 51  | 40  | 33  | 28  | 47 | 37 | 31 | 26 | 32 | 27 | 23 | 27 | 23 | 20 | 22 | 19 | 17 |
| 10  | 48  | 37  | 30  | 25  | 44 | 34 | 28 | 24 | 29 | 25 | 21 | 25 | 21 | 19 | 21 | 18 | 16 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 29788 | 29788 | 29788 | 29788 |
| 5°  | 29857 | 31640 | 29961 | 25276 |
| 10° | 29529 | 33442 | 29738 | 20873 |
| 15° | 28888 | 33453 | 29378 | 15680 |
| 20° | 28116 | 27652 | 28729 | 12937 |
| 25° | 27183 | 17278 | 27770 | 11005 |
| 30° | 25989 | 11063 | 26695 | 9475  |
| 35° | 24537 | 8502  | 25333 | 8108  |
| 40° | 22921 | 7146  | 23900 | 7092  |
| 45° | 21191 | 6082  | 22078 | 5954  |
| 50° | 19420 | 5168  | 20326 | 5150  |
| 55° | 17459 | 4492  | 18399 | 4432  |
| 60° | 15715 | 3425  | 16547 | 3384  |
| 65° | 14085 | 2577  | 14924 | 2923  |
| 70° | 12291 | 2059  | 13252 | 2383  |
| 75° | 10388 | 1577  | 11339 | 1803  |
| 80° | 8247  | 1072  | 8878  | 1181  |
| 85° | 5721  | 553   | 6286  | 583   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 27250 cd/sqm

TEST NUMBER: P1010246

CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 178.5  | 2.4       |
| 10°-20°   | 498.2  | 6.6       |
| 20°-30°   | 641.2  | 8.5       |
| 30°-40°   | 608.3  | 8.1       |
| 40°-50°   | 521.3  | 6.9       |
| 50°-60°   | 397.0  | 5.3       |
| 60°-70°   | 250.4  | 3.3       |
| 70°-80°   | 124.9  | 1.7       |
| 80°-90°   | 34.7   | 0.5       |
| 90°-100°  | 48.0   | 0.6       |
| 100°-110° | 178.9  | 2.4       |
| 110°-120° | 474.6  | 6.3       |
| 120°-130° | 787.1  | 10.5      |
| 130°-140° | 836.1  | 11.1      |
| 140°-150° | 777.0  | 10.3      |
| 150°-160° | 624.7  | 8.3       |
| 160°-170° | 402.5  | 5.4       |
| 170°-180° | 138.5  | 1.8       |
| 0°-30°    | 1317.9 | 17.5      |
| 0°-40°    | 1926.2 | 25.6      |
| 0°-60°    | 2844.6 | 37.8      |
| 0°-90°    | 3254.6 | 43.3      |
| 90°-120°  | 701.5  | 9.3       |
| 90°-150°  | 3101.6 | 41.2      |
| 90°-180°  | 4267.0 | 56.7      |
| 0°-180°   | 7522.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1882 | 1882 | 1882 | 1882 | 1882 |      |
| 5°   | 1883 | 2094 | 1890 | 1673 | 1883 | 179  |
| 15°  | 1775 | 2363 | 1805 | 1108 | 1775 | 499  |
| 25°  | 1574 | 1261 | 1608 | 803  | 1574 | 723  |
| 35°  | 1292 | 621  | 1334 | 592  | 1292 | 808  |
| 45°  | 970  | 432  | 1011 | 422  | 970  | 749  |
| 55°  | 655  | 300  | 690  | 296  | 655  | 590  |
| 65°  | 396  | 156  | 420  | 176  | 396  | 393  |
| 75°  | 186  | 82   | 203  | 94   | 186  | 201  |
| 85°  | 40   | 24   | 44   | 25   | 40   | 46   |
| 90°  | 1    | 28   | 1    | 28   | 1    | 6    |
| 95°  | 68   | 45   | 68   | 45   | 68   | 81   |
| 105° | 320  | 80   | 320  | 80   | 320  | 342  |
| 115° | 606  | 86   | 606  | 86   | 606  | 596  |
| 125° | 856  | 901  | 856  | 901  | 856  | 764  |
| 135° | 1060 | 1094 | 1060 | 1094 | 1060 | 819  |
| 145° | 1229 | 1248 | 1229 | 1248 | 1229 | 769  |
| 155° | 1354 | 1354 | 1354 | 1354 | 1354 | 624  |
| 165° | 1426 | 1423 | 1426 | 1423 | 1426 | 403  |
| 175° | 1459 | 1450 | 1459 | 1450 | 1459 | 139  |
| 180° | 1456 | 1456 | 1456 | 1456 | 1456 |      |

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CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 |
| 2.5°   | 1893.6 | 1901.4 | 1905.3 | 1910.6 | 1922.3 | 1930.2 | 1942.0 | 1944.6 | 1943.3 | 1948.5 | 1934.1 |
| 5°     | 1883.1 | 1900.1 | 1915.8 | 1928.9 | 1949.8 | 1962.9 | 1977.3 | 1994.3 | 1998.2 | 2017.8 | 2006.0 |
| 7.5°   | 1868.7 | 1893.6 | 1915.8 | 1942.0 | 1973.3 | 1990.4 | 2012.6 | 2038.7 | 2050.5 | 2074.0 | 2080.6 |
| 10°    | 1845.2 | 1880.5 | 1918.4 | 1945.9 | 1989.0 | 2019.1 | 2040.0 | 2081.9 | 2109.4 | 2144.7 | 2139.4 |
| 12.5°  | 1807.3 | 1853.0 | 1904.0 | 1949.8 | 2006.0 | 2025.7 | 2064.9 | 2108.0 | 2143.4 | 2176.0 | 2204.8 |
| 15°    | 1774.6 | 1826.9 | 1883.1 | 1939.3 | 2003.4 | 2040.0 | 2079.3 | 2135.5 | 2173.4 | 2231.0 | 2255.8 |
| 17.5°  | 1730.1 | 1796.8 | 1863.5 | 1926.3 | 2002.1 | 2044.0 | 2092.4 | 2147.3 | 2203.5 | 2258.4 | 2278.0 |
| 20°    | 1684.3 | 1756.3 | 1828.2 | 1913.2 | 1999.5 | 2040.0 | 2089.7 | 2157.7 | 2212.7 | 2255.8 | 2255.8 |
| 22.5°  | 1629.4 | 1717.0 | 1799.4 | 1880.5 | 1974.7 | 2033.5 | 2084.5 | 2164.3 | 2203.5 | 2212.7 | 2177.4 |
| 25°    | 1574.5 | 1662.1 | 1752.3 | 1853.0 | 1960.3 | 2012.6 | 2070.1 | 2144.7 | 2157.7 | 2121.1 | 2029.6 |
| 27.5°  | 1509.1 | 1607.2 | 1709.2 | 1817.7 | 1930.2 | 1995.6 | 2047.9 | 2097.6 | 2072.7 | 1974.7 | 1832.1 |
| 30°    | 1442.4 | 1548.3 | 1663.4 | 1766.7 | 1902.7 | 1962.9 | 2007.4 | 2021.7 | 1943.3 | 1783.7 | 1599.3 |
| 32.5°  | 1373.1 | 1476.4 | 1598.0 | 1722.3 | 1859.6 | 1917.1 | 1945.9 | 1908.0 | 1764.1 | 1562.7 | 1337.8 |
| 35°    | 1292.0 | 1408.4 | 1535.3 | 1664.7 | 1800.7 | 1843.9 | 1860.9 | 1768.0 | 1583.6 | 1323.4 | 1099.8 |
| 37.5°  | 1218.8 | 1335.2 | 1471.2 | 1603.3 | 1735.3 | 1758.9 | 1741.9 | 1596.7 | 1362.6 | 1105.0 | 886.6  |
| 40°    | 1132.5 | 1256.7 | 1390.1 | 1537.9 | 1646.4 | 1653.0 | 1611.1 | 1422.8 | 1132.5 | 890.6  | 755.9  |
| 42.5°  | 1052.7 | 1178.3 | 1311.6 | 1462.0 | 1544.4 | 1522.2 | 1466.0 | 1218.8 | 945.5  | 767.6  | 659.1  |
| 45°    | 970.3  | 1089.3 | 1233.2 | 1366.6 | 1425.4 | 1373.1 | 1288.1 | 1025.3 | 793.8  | 660.4  | 576.7  |
| 47.5°  | 890.6  | 1001.7 | 1144.3 | 1272.4 | 1282.9 | 1224.0 | 1123.3 | 859.2  | 687.9  | 580.6  | 512.6  |
| 50°    | 812.1  | 923.3  | 1056.6 | 1162.6 | 1152.1 | 1071.0 | 957.3  | 746.7  | 597.6  | 512.6  | 456.4  |
| 52.5°  | 733.6  | 834.3  | 963.8  | 1047.5 | 1003.0 | 924.6  | 812.1  | 632.9  | 521.8  | 447.2  | 404.1  |
| 55°    | 655.2  | 749.3  | 860.5  | 929.8  | 859.2  | 768.9  | 689.2  | 542.7  | 452.5  | 392.3  | 359.6  |
| 57.5°  | 589.8  | 664.3  | 766.3  | 808.2  | 723.2  | 652.6  | 583.2  | 466.9  | 392.3  | 349.2  | 311.2  |
| 60°    | 517.9  | 585.9  | 669.6  | 694.4  | 606.8  | 549.2  | 490.4  | 394.9  | 336.1  | 298.2  | 273.3  |
| 62.5°  | 456.4  | 512.6  | 576.7  | 576.7  | 499.5  | 456.4  | 411.9  | 330.9  | 282.5  | 252.4  | 240.6  |
| 65°    | 396.2  | 436.8  | 482.5  | 477.3  | 411.9  | 374.0  | 338.7  | 273.3  | 236.7  | 215.8  | 204.0  |
| 67.5°  | 337.4  | 368.8  | 398.9  | 380.5  | 333.5  | 300.8  | 268.1  | 221.0  | 196.2  | 181.8  | 166.1  |
| 70°    | 283.8  | 308.6  | 324.3  | 307.3  | 260.2  | 232.8  | 209.2  | 177.8  | 158.2  | 139.9  | 130.8  |
| 72.5°  | 238.0  | 248.5  | 253.7  | 232.8  | 193.5  | 177.8  | 160.8  | 138.6  | 121.6  | 112.5  | 109.8  |
| 75°    | 185.7  | 194.9  | 190.9  | 175.2  | 142.5  | 130.8  | 117.7  | 102.0  | 98.1   | 92.8   | 90.2   |
| 77.5°  | 145.2  | 145.2  | 138.6  | 124.2  | 102.0  | 92.8   | 87.6   | 79.8   | 75.8   | 74.5   | 71.9   |
| 80°    | 103.3  | 102.0  | 98.1   | 82.4   | 69.3   | 64.1   | 64.1   | 58.8   | 57.5   | 54.9   | 54.9   |
| 82.5°  | 68.0   | 68.0   | 62.8   | 49.7   | 45.8   | 44.5   | 43.2   | 40.5   | 40.5   | 39.2   | 39.2   |
| 85°    | 40.5   | 37.9   | 31.4   | 27.5   | 26.2   | 26.2   | 24.8   | 23.5   | 24.8   | 23.5   | 23.5   |
| 87.5°  | 18.3   | 14.4   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   |
| 90°    | 1.1    | 3.7    | 6.2    | 8.8    | 11.3   | 12.6   | 13.5   | 15.4   | 17.3   | 19.2   | 21.1   |
| 92.5°  | 26.3   | 25.4   | 24.4   | 23.5   | 22.6   | 22.1   | 22.5   | 23.2   | 23.9   | 24.6   | 25.3   |
| 95°    | 68.5   | 60.8   | 53.0   | 45.3   | 37.6   | 33.7   | 34.5   | 36.2   | 37.8   | 39.5   | 41.1   |
| 97.5°  | 123.2  | 104.0  | 84.8   | 65.7   | 46.5   | 36.9   | 38.8   | 42.5   | 46.2   | 50.0   | 53.7   |
| 100°   | 186.4  | 154.3  | 122.3  | 90.2   | 58.1   | 42.1   | 44.1   | 48.1   | 52.0   | 56.0   | 60.0   |
| 102.5° | 255.9  | 255.4  | 255.0  | 254.5  | 254.0  | 253.8  | 232.5  | 189.9  | 147.3  | 104.7  | 62.1   |
| 105°   | 320.2  | 327.2  | 334.2  | 341.3  | 348.3  | 351.8  | 319.9  | 256.0  | 192.1  | 128.2  | 64.3   |
| 107.5° | 395.0  | 400.8  | 406.7  | 412.5  | 418.4  | 421.3  | 381.9  | 303.0  | 224.1  | 145.3  | 66.4   |
| 110°   | 466.6  | 471.5  | 476.4  | 481.3  | 486.2  | 488.7  | 454.9  | 387.2  | 319.6  | 251.9  | 184.3  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 534.0  | 538.2  | 542.4  | 546.7  | 550.9  | 553.0  | 551.0  | 547.0  | 543.1  | 539.1  | 535.1  |
| 115°   | 605.6  | 609.6  | 613.6  | 617.5  | 621.5  | 623.5  | 626.4  | 632.3  | 638.2  | 644.0  | 649.9  |
| 117.5° | 667.8  | 672.5  | 677.2  | 681.9  | 686.6  | 688.9  | 690.9  | 694.9  | 698.8  | 702.8  | 706.8  |
| 120°   | 737.3  | 740.8  | 744.3  | 747.8  | 751.3  | 753.1  | 755.2  | 759.4  | 763.7  | 767.9  | 772.1  |
| 122.5° | 796.3  | 800.0  | 803.8  | 807.5  | 811.2  | 813.1  | 815.4  | 820.1  | 824.8  | 829.5  | 834.2  |
| 125°   | 856.3  | 859.3  | 862.4  | 865.4  | 868.5  | 870.0  | 872.2  | 876.7  | 881.1  | 885.6  | 890.0  |
| 127.5° | 911.1  | 914.4  | 917.6  | 920.9  | 924.2  | 925.8  | 927.6  | 931.1  | 934.6  | 938.1  | 941.6  |
| 130°   | 962.7  | 966.5  | 970.2  | 974.0  | 977.7  | 979.6  | 980.9  | 983.4  | 986.0  | 988.5  | 991.1  |
| 132.5° | 1015.4 | 1018.4 | 1021.5 | 1024.5 | 1027.6 | 1029.1 | 1030.4 | 1032.9 | 1035.5 | 1038.0 | 1040.6 |
| 135°   | 1059.6 | 1063.4 | 1067.1 | 1070.9 | 1074.6 | 1076.5 | 1077.5 | 1079.6 | 1081.7 | 1083.8 | 1085.9 |
| 137.5° | 1106.0 | 1108.8 | 1111.6 | 1114.4 | 1117.2 | 1118.6 | 1119.8 | 1122.1 | 1124.4 | 1126.8 | 1129.1 |
| 140°   | 1151.2 | 1153.1 | 1155.0 | 1156.9 | 1158.8 | 1159.7 | 1161.0 | 1163.6 | 1166.1 | 1168.7 | 1171.3 |
| 142.5° | 1189.2 | 1190.8 | 1192.4 | 1194.1 | 1195.7 | 1196.5 | 1198.0 | 1201.1 | 1204.1 | 1207.2 | 1210.2 |
| 145°   | 1229.2 | 1229.0 | 1228.7 | 1228.5 | 1228.2 | 1228.1 | 1230.1 | 1234.1 | 1238.0 | 1242.0 | 1246.0 |
| 147.5° | 1263.9 | 1263.2 | 1262.5 | 1261.8 | 1261.1 | 1260.8 | 1262.8 | 1266.8 | 1270.7 | 1274.7 | 1278.7 |
| 150°   | 1297.7 | 1296.1 | 1294.4 | 1292.8 | 1291.1 | 1290.3 | 1292.2 | 1295.9 | 1299.6 | 1303.4 | 1307.1 |
| 152.5° | 1326.1 | 1324.2 | 1322.4 | 1320.5 | 1318.6 | 1317.7 | 1319.5 | 1323.0 | 1326.5 | 1330.0 | 1333.5 |
| 155°   | 1353.5 | 1351.4 | 1349.3 | 1347.2 | 1345.1 | 1344.0 | 1345.4 | 1348.2 | 1351.0 | 1353.8 | 1356.6 |
| 157.5° | 1375.6 | 1373.7 | 1371.9 | 1370.0 | 1368.1 | 1367.2 | 1368.2 | 1370.3 | 1372.4 | 1374.5 | 1376.6 |
| 160°   | 1394.6 | 1393.2 | 1391.8 | 1390.3 | 1388.9 | 1388.2 | 1388.9 | 1390.3 | 1391.8 | 1393.2 | 1394.6 |
| 162.5° | 1411.4 | 1410.0 | 1408.6 | 1407.2 | 1405.8 | 1405.1 | 1405.7 | 1406.9 | 1408.0 | 1409.2 | 1410.4 |
| 165°   | 1426.2 | 1424.8 | 1423.4 | 1421.9 | 1420.5 | 1419.8 | 1420.2 | 1420.9 | 1421.6 | 1422.3 | 1423.0 |
| 167.5° | 1437.7 | 1436.3 | 1434.9 | 1433.5 | 1432.1 | 1431.4 | 1431.8 | 1432.5 | 1433.2 | 1433.9 | 1434.6 |
| 170°   | 1447.2 | 1445.8 | 1444.4 | 1443.0 | 1441.6 | 1440.9 | 1441.1 | 1441.6 | 1442.1 | 1442.5 | 1443.0 |
| 172.5° | 1453.5 | 1452.1 | 1450.7 | 1449.3 | 1447.9 | 1447.2 | 1447.4 | 1447.9 | 1448.4 | 1448.8 | 1449.3 |
| 175°   | 1458.8 | 1457.2 | 1455.5 | 1453.9 | 1452.2 | 1451.4 | 1451.6 | 1452.1 | 1452.6 | 1453.0 | 1453.5 |
| 177.5° | 1460.9 | 1459.3 | 1457.6 | 1456.0 | 1454.3 | 1453.5 | 1453.6 | 1453.9 | 1454.1 | 1454.4 | 1454.6 |
| 180°   | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 |
| 2.5°   | 1948.5 | 1951.1 | 1955.0 | 1973.3 | 1976.0 | 1981.2 | 1978.6 | 1978.6 | 1979.9 | 1977.3 | 1978.6 |
| 5°     | 2032.2 | 2036.1 | 2055.7 | 2078.0 | 2083.2 | 2078.0 | 2084.5 | 2093.7 | 2093.7 | 2093.7 | 2091.0 |
| 7.5°   | 2110.7 | 2125.0 | 2147.3 | 2180.0 | 2186.5 | 2193.0 | 2204.8 | 2197.0 | 2199.6 | 2211.4 | 2207.4 |
| 10°    | 2186.5 | 2207.4 | 2232.3 | 2259.7 | 2274.1 | 2283.3 | 2288.5 | 2300.3 | 2327.7 | 2296.4 | 2308.1 |
| 12.5°  | 2258.4 | 2288.5 | 2314.7 | 2344.7 | 2355.2 | 2367.0 | 2370.9 | 2381.4 | 2381.4 | 2380.1 | 2389.2 |
| 15°    | 2305.5 | 2333.0 | 2356.5 | 2376.1 | 2378.7 | 2376.1 | 2373.5 | 2374.8 | 2378.7 | 2363.1 | 2372.2 |
| 17.5°  | 2316.0 | 2318.6 | 2326.4 | 2318.6 | 2319.9 | 2292.4 | 2276.7 | 2272.8 | 2236.2 | 2237.5 | 2267.6 |
| 20°    | 2265.0 | 2220.5 | 2208.7 | 2165.6 | 2139.4 | 2068.8 | 2066.2 | 2046.6 | 1969.4 | 1993.0 | 1987.7 |
| 22.5°  | 2125.0 | 2049.2 | 1948.5 | 1898.8 | 1874.0 | 1799.4 | 1741.9 | 1701.3 | 1673.9 | 1646.4 | 1634.7 |
| 25°    | 1940.7 | 1817.7 | 1675.2 | 1577.1 | 1562.7 | 1493.4 | 1387.5 | 1337.8 | 1279.0 | 1260.6 | 1292.0 |
| 27.5°  | 1702.7 | 1543.1 | 1382.3 | 1231.9 | 1204.4 | 1141.6 | 1088.0 | 1052.7 | 984.7  | 980.8  | 983.4  |
| 30°    | 1379.6 | 1218.8 | 1084.1 | 986.0  | 918.0  | 889.2  | 853.9  | 827.8  | 800.3  | 810.8  | 813.4  |
| 32.5°  | 1133.8 | 980.8  | 855.2  | 802.9  | 771.6  | 753.2  | 723.2  | 706.2  | 694.4  | 690.5  | 689.2  |
| 35°    | 901.0  | 799.0  | 742.8  | 691.8  | 673.5  | 660.4  | 638.2  | 630.3  | 619.9  | 621.2  | 621.2  |
| 37.5°  | 771.6  | 686.6  | 644.7  | 618.6  | 601.6  | 595.0  | 580.6  | 572.8  | 566.2  | 563.6  | 567.6  |
| 40°    | 665.6  | 606.8  | 580.6  | 557.1  | 542.7  | 540.1  | 532.2  | 523.1  | 515.2  | 516.5  | 520.5  |
| 42.5°  | 588.5  | 554.5  | 523.1  | 504.8  | 494.3  | 490.4  | 483.9  | 477.3  | 477.3  | 473.4  | 472.1  |
| 45°    | 527.0  | 499.5  | 473.4  | 456.4  | 449.9  | 444.6  | 436.8  | 435.5  | 430.2  | 431.5  | 432.9  |
| 47.5°  | 472.1  | 449.9  | 430.2  | 413.2  | 406.7  | 405.4  | 397.5  | 392.3  | 392.3  | 391.0  | 389.7  |
| 50°    | 422.4  | 400.2  | 383.2  | 374.0  | 364.9  | 362.2  | 360.9  | 359.6  | 357.0  | 357.0  | 358.3  |
| 52.5°  | 381.9  | 359.6  | 346.5  | 338.7  | 333.5  | 330.9  | 330.9  | 329.5  | 329.5  | 329.5  | 328.2  |
| 55°    | 337.4  | 319.1  | 308.6  | 306.0  | 303.4  | 302.1  | 300.8  | 298.2  | 296.9  | 299.5  | 296.9  |
| 57.5°  | 295.5  | 289.0  | 279.9  | 277.2  | 270.7  | 270.7  | 266.8  | 264.2  | 261.5  | 264.2  | 264.2  |
| 60°    | 262.9  | 253.7  | 248.5  | 240.6  | 235.4  | 230.2  | 223.6  | 222.3  | 219.7  | 218.4  | 217.1  |
| 62.5°  | 228.9  | 221.0  | 207.9  | 196.2  | 188.3  | 183.1  | 180.5  | 179.2  | 179.2  | 177.8  | 177.8  |
| 65°    | 190.9  | 172.6  | 166.1  | 162.2  | 160.8  | 159.5  | 156.9  | 155.6  | 156.9  | 155.6  | 156.9  |
| 67.5°  | 149.1  | 146.5  | 142.5  | 139.9  | 138.6  | 137.3  | 137.3  | 136.0  | 136.0  | 136.0  | 136.0  |
| 70°    | 129.5  | 122.9  | 121.6  | 119.0  | 119.0  | 117.7  | 117.7  | 117.7  | 117.7  | 116.4  | 119.0  |
| 72.5°  | 107.2  | 103.3  | 102.0  | 100.7  | 100.7  | 100.7  | 99.4   | 99.4   | 99.4   | 98.1   | 99.4   |
| 75°    | 87.6   | 86.3   | 83.7   | 83.7   | 82.4   | 83.7   | 82.4   | 82.4   | 81.1   | 82.4   | 82.4   |
| 77.5°  | 70.6   | 69.3   | 68.0   | 68.0   | 66.7   | 66.7   | 66.7   | 66.7   | 66.7   | 66.7   | 68.0   |
| 80°    | 53.6   | 52.3   | 51.0   | 52.3   | 51.0   | 52.3   | 51.0   | 51.0   | 52.3   | 51.0   | 51.0   |
| 82.5°  | 39.2   | 37.9   | 37.9   | 36.6   | 36.6   | 36.6   | 36.6   | 36.6   | 36.6   | 36.6   | 36.6   |
| 85°    | 23.5   | 22.2   | 22.2   | 23.5   | 22.2   | 23.5   | 22.2   | 22.2   | 22.2   | 23.5   | 23.5   |
| 87.5°  | 10.5   | 11.8   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 10.5   | 11.8   |
| 90°    | 22.3   | 23.4   | 24.6   | 25.7   | 26.3   | 26.5   | 27.0   | 27.5   | 27.9   | 28.4   | 27.9   |
| 92.5°  | 25.8   | 26.2   | 26.7   | 27.2   | 27.4   | 27.5   | 27.7   | 28.0   | 28.2   | 28.4   | 28.2   |
| 95°    | 42.3   | 43.4   | 44.6   | 45.7   | 46.3   | 46.2   | 46.0   | 45.7   | 45.5   | 45.3   | 45.5   |
| 97.5°  | 54.4   | 55.1   | 55.8   | 56.5   | 56.9   | 57.0   | 57.2   | 57.5   | 57.7   | 57.9   | 57.7   |
| 100°   | 61.9   | 63.8   | 65.7   | 67.6   | 68.5   | 68.7   | 69.2   | 69.7   | 70.1   | 70.6   | 70.1   |
| 102.5° | 64.7   | 67.3   | 69.8   | 72.4   | 73.7   | 74.1   | 74.8   | 75.5   | 76.2   | 76.9   | 76.2   |
| 105°   | 66.9   | 69.4   | 72.0   | 74.5   | 75.8   | 76.3   | 77.2   | 78.1   | 79.1   | 80.0   | 79.1   |
| 107.5° | 69.0   | 71.5   | 74.1   | 76.6   | 77.9   | 78.4   | 79.3   | 80.3   | 81.2   | 82.2   | 81.2   |
| 110°   | 160.9  | 137.5  | 114.1  | 90.7   | 79.0   | 79.5   | 80.4   | 81.3   | 82.3   | 83.2   | 82.3   |



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CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 434.2  | 333.3  | 232.4  | 131.5  | 81.1   | 81.5   | 82.2   | 82.9   | 83.6   | 84.3   | 83.6   |
| 115°   | 541.5  | 433.1  | 324.8  | 216.4  | 162.2  | 153.8  | 136.9  | 120.1  | 103.2  | 86.4   | 103.2  |
| 117.5° | 673.3  | 639.8  | 606.3  | 572.8  | 556.1  | 525.4  | 464.1  | 402.8  | 341.5  | 280.2  | 341.5  |
| 120°   | 774.9  | 777.7  | 780.5  | 783.3  | 784.7  | 768.9  | 737.3  | 705.7  | 674.1  | 642.5  | 674.1  |
| 122.5° | 835.6  | 837.0  | 838.4  | 839.8  | 840.5  | 840.6  | 840.9  | 841.1  | 841.4  | 841.6  | 841.4  |
| 125°   | 891.6  | 893.3  | 894.9  | 896.6  | 897.4  | 897.8  | 898.5  | 899.2  | 899.9  | 900.6  | 899.9  |
| 127.5° | 944.0  | 946.3  | 948.7  | 951.0  | 952.2  | 952.3  | 952.5  | 952.8  | 953.0  | 953.2  | 953.0  |
| 130°   | 993.7  | 996.3  | 998.8  | 1001.4 | 1002.7 | 1002.6 | 1002.4 | 1002.1 | 1001.9 | 1001.7 | 1001.9 |
| 132.5° | 1042.7 | 1044.8 | 1046.9 | 1049.0 | 1050.1 | 1050.0 | 1049.8 | 1049.5 | 1049.3 | 1049.1 | 1049.3 |
| 135°   | 1088.3 | 1090.6 | 1093.0 | 1095.3 | 1096.5 | 1096.3 | 1095.8 | 1095.3 | 1094.9 | 1094.4 | 1094.9 |
| 137.5° | 1131.5 | 1133.8 | 1136.2 | 1138.5 | 1139.7 | 1139.3 | 1138.6 | 1137.9 | 1137.2 | 1136.5 | 1137.2 |
| 140°   | 1173.4 | 1175.5 | 1177.6 | 1179.7 | 1180.7 | 1180.1 | 1179.0 | 1177.8 | 1176.7 | 1175.5 | 1176.7 |
| 142.5° | 1212.1 | 1214.0 | 1215.9 | 1217.8 | 1218.7 | 1218.1 | 1216.9 | 1215.8 | 1214.6 | 1213.4 | 1214.6 |
| 145°   | 1247.6 | 1249.3 | 1250.9 | 1252.6 | 1253.4 | 1252.8 | 1251.6 | 1250.5 | 1249.3 | 1248.1 | 1249.3 |
| 147.5° | 1279.9 | 1281.1 | 1282.2 | 1283.4 | 1284.0 | 1283.5 | 1282.6 | 1281.6 | 1280.7 | 1279.7 | 1280.7 |
| 150°   | 1308.5 | 1309.9 | 1311.4 | 1312.8 | 1313.5 | 1312.9 | 1311.7 | 1310.6 | 1309.4 | 1308.2 | 1309.4 |
| 152.5° | 1334.9 | 1336.3 | 1337.7 | 1339.1 | 1339.8 | 1339.0 | 1337.3 | 1335.7 | 1334.0 | 1332.4 | 1334.0 |
| 155°   | 1358.0 | 1359.4 | 1360.9 | 1362.3 | 1363.0 | 1362.1 | 1360.2 | 1358.3 | 1356.4 | 1354.5 | 1356.4 |
| 157.5° | 1378.2 | 1379.9 | 1381.5 | 1383.2 | 1384.0 | 1383.1 | 1381.2 | 1379.3 | 1377.5 | 1375.6 | 1377.5 |
| 160°   | 1396.0 | 1397.4 | 1398.8 | 1400.2 | 1400.9 | 1400.1 | 1398.4 | 1396.8 | 1395.1 | 1393.5 | 1395.1 |
| 162.5° | 1412.0 | 1413.6 | 1415.3 | 1416.9 | 1417.7 | 1416.6 | 1414.5 | 1412.4 | 1410.3 | 1408.2 | 1410.3 |
| 165°   | 1424.6 | 1426.3 | 1427.9 | 1429.6 | 1430.4 | 1429.6 | 1427.9 | 1426.3 | 1424.6 | 1423.0 | 1424.6 |
| 167.5° | 1436.2 | 1437.9 | 1439.5 | 1441.2 | 1442.0 | 1440.9 | 1438.8 | 1436.7 | 1434.6 | 1432.5 | 1434.6 |
| 170°   | 1444.6 | 1446.3 | 1447.9 | 1449.6 | 1450.4 | 1449.3 | 1447.2 | 1445.1 | 1443.0 | 1440.9 | 1443.0 |
| 172.5° | 1450.9 | 1452.6 | 1454.2 | 1455.9 | 1456.7 | 1455.6 | 1453.5 | 1451.4 | 1449.3 | 1447.2 | 1449.3 |
| 175°   | 1455.1 | 1456.8 | 1458.4 | 1460.1 | 1460.9 | 1459.7 | 1457.4 | 1455.1 | 1452.7 | 1450.4 | 1452.7 |
| 177.5° | 1456.2 | 1457.9 | 1459.5 | 1461.2 | 1462.0 | 1460.9 | 1458.8 | 1456.7 | 1454.6 | 1452.5 | 1454.6 |
| 180°   | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 |

TEST NUMBER: P1010246

CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 |
| 2.5°   | 1983.8 | 1974.7 | 1972.0 | 1974.7 | 1972.0 | 1973.3 | 1964.2 | 1930.2 | 1939.3 | 1925.0 | 1932.8 |
| 5°     | 2096.3 | 2088.4 | 2071.4 | 2068.8 | 2066.2 | 2063.6 | 2050.5 | 2020.4 | 2008.7 | 1989.0 | 1987.7 |
| 7.5°   | 2203.5 | 2203.5 | 2190.4 | 2181.3 | 2169.5 | 2160.4 | 2143.4 | 2098.9 | 2080.6 | 2057.0 | 2044.0 |
| 10°    | 2309.4 | 2275.4 | 2289.8 | 2280.7 | 2251.9 | 2246.7 | 2215.3 | 2189.1 | 2153.8 | 2130.3 | 2109.4 |
| 12.5°  | 2385.3 | 2374.8 | 2361.7 | 2353.9 | 2346.0 | 2329.0 | 2308.1 | 2241.4 | 2223.1 | 2176.0 | 2152.5 |
| 15°    | 2382.7 | 2376.1 | 2380.1 | 2380.1 | 2377.4 | 2373.5 | 2356.5 | 2308.1 | 2276.7 | 2231.0 | 2190.4 |
| 17.5°  | 2254.5 | 2271.5 | 2288.5 | 2300.3 | 2326.4 | 2338.2 | 2353.9 | 2325.1 | 2305.5 | 2266.3 | 2223.1 |
| 20°    | 2030.9 | 2072.7 | 2122.4 | 2132.9 | 2156.4 | 2225.7 | 2257.1 | 2282.0 | 2289.8 | 2276.7 | 2241.4 |
| 22.5°  | 1719.7 | 1755.0 | 1875.3 | 1872.7 | 1906.7 | 1989.0 | 2080.6 | 2155.1 | 2214.0 | 2246.7 | 2233.6 |
| 25°    | 1347.0 | 1396.6 | 1460.7 | 1509.1 | 1620.3 | 1743.2 | 1857.0 | 1976.0 | 2078.0 | 2168.2 | 2190.4 |
| 27.5°  | 1018.7 | 1084.1 | 1135.1 | 1199.2 | 1255.4 | 1400.6 | 1547.0 | 1732.7 | 1851.7 | 2023.0 | 2112.0 |
| 30°    | 823.9  | 853.9  | 904.9  | 935.0  | 962.5  | 1073.6 | 1239.7 | 1422.8 | 1632.0 | 1829.5 | 1982.5 |
| 32.5°  | 703.6  | 724.5  | 762.4  | 775.5  | 804.2  | 878.8  | 983.4  | 1150.8 | 1366.6 | 1605.9 | 1807.3 |
| 35°    | 631.6  | 653.9  | 661.7  | 673.5  | 697.0  | 744.1  | 816.0  | 937.6  | 1132.5 | 1366.6 | 1607.2 |
| 37.5°  | 570.2  | 581.9  | 604.2  | 612.0  | 619.9  | 655.2  | 703.6  | 788.6  | 918.0  | 1110.3 | 1377.0 |
| 40°    | 527.0  | 533.5  | 545.3  | 551.9  | 557.1  | 581.9  | 625.1  | 682.6  | 778.1  | 924.6  | 1170.4 |
| 42.5°  | 481.2  | 489.1  | 496.9  | 504.8  | 511.3  | 530.9  | 557.1  | 612.0  | 676.1  | 787.2  | 965.1  |
| 45°    | 436.8  | 442.0  | 451.2  | 456.4  | 465.5  | 481.2  | 504.8  | 542.7  | 600.2  | 670.9  | 814.7  |
| 47.5°  | 396.2  | 402.8  | 406.7  | 413.2  | 419.8  | 436.8  | 459.0  | 483.9  | 530.9  | 600.2  | 704.9  |
| 50°    | 359.6  | 367.5  | 372.7  | 374.0  | 379.2  | 394.9  | 413.2  | 440.7  | 470.8  | 524.4  | 615.9  |
| 52.5°  | 333.5  | 334.8  | 338.7  | 343.9  | 342.6  | 351.8  | 368.8  | 389.7  | 421.1  | 464.2  | 530.9  |
| 55°    | 303.4  | 307.3  | 309.9  | 311.2  | 311.2  | 319.1  | 328.2  | 347.9  | 372.7  | 408.0  | 464.2  |
| 57.5°  | 265.5  | 269.4  | 277.2  | 279.9  | 283.8  | 287.7  | 291.6  | 304.7  | 325.6  | 359.6  | 405.4  |
| 60°    | 226.2  | 228.9  | 236.7  | 241.9  | 244.5  | 255.0  | 260.2  | 270.7  | 282.5  | 307.3  | 350.5  |
| 62.5°  | 181.8  | 184.4  | 188.3  | 193.5  | 198.8  | 214.5  | 227.5  | 238.0  | 247.2  | 264.2  | 299.5  |
| 65°    | 158.2  | 159.5  | 162.2  | 163.5  | 164.8  | 171.3  | 183.1  | 197.5  | 214.5  | 227.5  | 248.5  |
| 67.5°  | 137.3  | 138.6  | 139.9  | 142.5  | 143.8  | 145.2  | 150.4  | 154.3  | 171.3  | 189.6  | 205.3  |
| 70°    | 117.7  | 120.3  | 121.6  | 121.6  | 122.9  | 125.5  | 128.2  | 133.4  | 138.6  | 147.8  | 167.4  |
| 72.5°  | 99.4   | 100.7  | 103.3  | 103.3  | 103.3  | 105.9  | 108.5  | 111.2  | 113.8  | 119.0  | 126.8  |
| 75°    | 82.4   | 85.0   | 85.0   | 85.0   | 86.3   | 86.3   | 88.9   | 91.5   | 94.2   | 98.1   | 100.7  |
| 77.5°  | 68.0   | 68.0   | 68.0   | 68.0   | 69.3   | 69.3   | 70.6   | 73.2   | 74.5   | 75.8   | 78.5   |
| 80°    | 51.0   | 52.3   | 52.3   | 52.3   | 53.6   | 53.6   | 53.6   | 56.2   | 57.5   | 57.5   | 60.2   |
| 82.5°  | 37.9   | 37.9   | 37.9   | 39.2   | 37.9   | 39.2   | 39.2   | 40.5   | 39.2   | 40.5   | 41.8   |
| 85°    | 23.5   | 23.5   | 23.5   | 24.8   | 24.8   | 24.8   | 24.8   | 24.8   | 24.8   | 24.8   | 26.2   |
| 87.5°  | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 13.1   | 11.8   | 11.8   |
| 90°    | 27.5   | 27.0   | 26.5   | 26.3   | 25.7   | 24.6   | 23.4   | 22.3   | 21.1   | 19.2   | 17.3   |
| 92.5°  | 28.0   | 27.7   | 27.5   | 27.4   | 27.2   | 26.7   | 26.2   | 25.8   | 25.3   | 24.6   | 23.9   |
| 95°    | 45.7   | 46.0   | 46.2   | 46.3   | 45.7   | 44.6   | 43.4   | 42.3   | 41.1   | 39.5   | 37.8   |
| 97.5°  | 57.5   | 57.2   | 57.0   | 56.9   | 56.5   | 55.8   | 55.1   | 54.4   | 53.7   | 50.0   | 46.2   |
| 100°   | 69.7   | 69.2   | 68.7   | 68.5   | 67.6   | 65.7   | 63.8   | 61.9   | 60.0   | 56.0   | 52.0   |
| 102.5° | 75.5   | 74.8   | 74.1   | 73.7   | 72.4   | 69.8   | 67.3   | 64.7   | 62.1   | 104.7  | 147.3  |
| 105°   | 78.1   | 77.2   | 76.3   | 75.8   | 74.5   | 72.0   | 69.4   | 66.9   | 64.3   | 128.2  | 192.1  |
| 107.5° | 80.3   | 79.3   | 78.4   | 77.9   | 76.6   | 74.1   | 71.5   | 69.0   | 66.4   | 145.3  | 224.1  |
| 110°   | 81.3   | 80.4   | 79.5   | 79.0   | 90.7   | 114.1  | 137.5  | 160.9  | 184.3  | 251.9  | 319.6  |

TEST NUMBER: P1010246

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 82.9   | 82.2   | 81.5   | 81.1   | 131.5  | 232.4  | 333.3  | 434.2  | 535.1  | 539.1  | 543.1  |
| 115°   | 120.1  | 136.9  | 153.8  | 162.2  | 216.4  | 324.8  | 433.1  | 541.5  | 649.9  | 644.0  | 638.2  |
| 117.5° | 402.8  | 464.1  | 525.4  | 556.1  | 572.8  | 606.3  | 639.8  | 673.3  | 706.8  | 702.8  | 698.8  |
| 120°   | 705.7  | 737.3  | 768.9  | 784.7  | 783.3  | 780.5  | 777.7  | 774.9  | 772.1  | 767.9  | 763.7  |
| 122.5° | 841.1  | 840.9  | 840.6  | 840.5  | 839.8  | 838.4  | 837.0  | 835.6  | 834.2  | 829.5  | 824.8  |
| 125°   | 899.2  | 898.5  | 897.8  | 897.4  | 896.6  | 894.9  | 893.3  | 891.6  | 890.0  | 885.6  | 881.1  |
| 127.5° | 952.8  | 952.5  | 952.3  | 952.2  | 951.0  | 948.7  | 946.3  | 944.0  | 941.6  | 938.1  | 934.6  |
| 130°   | 1002.1 | 1002.4 | 1002.6 | 1002.7 | 1001.4 | 998.8  | 996.3  | 993.7  | 991.1  | 988.5  | 986.0  |
| 132.5° | 1049.5 | 1049.8 | 1050.0 | 1050.1 | 1049.0 | 1046.9 | 1044.8 | 1042.7 | 1040.6 | 1038.0 | 1035.5 |
| 135°   | 1095.3 | 1095.8 | 1096.3 | 1096.5 | 1095.3 | 1093.0 | 1090.6 | 1088.3 | 1085.9 | 1083.8 | 1081.7 |
| 137.5° | 1137.9 | 1138.6 | 1139.3 | 1139.7 | 1138.5 | 1136.2 | 1133.8 | 1131.5 | 1129.1 | 1126.8 | 1124.4 |
| 140°   | 1177.8 | 1179.0 | 1180.1 | 1180.7 | 1179.7 | 1177.6 | 1175.5 | 1173.4 | 1171.3 | 1168.7 | 1166.1 |
| 142.5° | 1215.8 | 1216.9 | 1218.1 | 1218.7 | 1217.8 | 1215.9 | 1214.0 | 1212.1 | 1210.2 | 1207.2 | 1204.1 |
| 145°   | 1250.5 | 1251.6 | 1252.8 | 1253.4 | 1252.6 | 1250.9 | 1249.3 | 1247.6 | 1246.0 | 1242.0 | 1238.0 |
| 147.5° | 1281.6 | 1282.6 | 1283.5 | 1284.0 | 1283.4 | 1282.2 | 1281.1 | 1279.9 | 1278.7 | 1274.7 | 1270.7 |
| 150°   | 1310.6 | 1311.7 | 1312.9 | 1313.5 | 1312.8 | 1311.4 | 1309.9 | 1308.5 | 1307.1 | 1303.4 | 1299.6 |
| 152.5° | 1335.7 | 1337.3 | 1339.0 | 1339.8 | 1339.1 | 1337.7 | 1336.3 | 1334.9 | 1333.5 | 1330.0 | 1326.5 |
| 155°   | 1358.3 | 1360.2 | 1362.1 | 1363.0 | 1362.3 | 1360.9 | 1359.4 | 1358.0 | 1356.6 | 1353.8 | 1351.0 |
| 157.5° | 1379.3 | 1381.2 | 1383.1 | 1384.0 | 1383.2 | 1381.5 | 1379.9 | 1378.2 | 1376.6 | 1374.5 | 1372.4 |
| 160°   | 1396.8 | 1398.4 | 1400.1 | 1400.9 | 1400.2 | 1398.8 | 1397.4 | 1396.0 | 1394.6 | 1393.2 | 1391.8 |
| 162.5° | 1412.4 | 1414.5 | 1416.6 | 1417.7 | 1416.9 | 1415.3 | 1413.6 | 1412.0 | 1410.4 | 1409.2 | 1408.0 |
| 165°   | 1426.3 | 1427.9 | 1429.6 | 1430.4 | 1429.6 | 1427.9 | 1426.3 | 1424.6 | 1423.0 | 1422.3 | 1421.6 |
| 167.5° | 1436.7 | 1438.8 | 1440.9 | 1442.0 | 1441.2 | 1439.5 | 1437.9 | 1436.2 | 1434.6 | 1433.9 | 1433.2 |
| 170°   | 1445.1 | 1447.2 | 1449.3 | 1450.4 | 1449.6 | 1447.9 | 1446.3 | 1444.6 | 1443.0 | 1442.5 | 1442.1 |
| 172.5° | 1451.4 | 1453.5 | 1455.6 | 1456.7 | 1455.9 | 1454.2 | 1452.6 | 1450.9 | 1449.3 | 1448.8 | 1448.4 |
| 175°   | 1455.1 | 1457.4 | 1459.7 | 1460.9 | 1460.1 | 1458.4 | 1456.8 | 1455.1 | 1453.5 | 1453.0 | 1452.6 |
| 177.5° | 1456.7 | 1458.8 | 1460.9 | 1462.0 | 1461.2 | 1459.5 | 1457.9 | 1456.2 | 1454.6 | 1454.4 | 1454.1 |
| 180°   | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 |
| 2.5°   | 1921.0 | 1914.5 | 1914.5 | 1910.6 | 1910.6 | 1889.7 | 1889.7 | 1896.2 | 1888.3 | 1879.2 | 1866.1 |
| 5°     | 1970.7 | 1956.3 | 1952.4 | 1947.2 | 1930.2 | 1904.0 | 1893.6 | 1889.7 | 1874.0 | 1854.3 | 1832.1 |
| 7.5°   | 2017.8 | 1994.3 | 1982.5 | 1970.7 | 1948.5 | 1911.9 | 1891.0 | 1876.6 | 1853.0 | 1823.0 | 1794.2 |
| 10°    | 2063.6 | 2033.5 | 2003.4 | 1989.0 | 1957.7 | 1911.9 | 1881.8 | 1858.3 | 1824.3 | 1783.7 | 1743.2 |
| 12.5°  | 2105.4 | 2042.7 | 2037.4 | 2008.7 | 1962.9 | 1910.6 | 1864.8 | 1830.8 | 1787.7 | 1740.6 | 1693.5 |
| 15°    | 2142.0 | 2078.0 | 2046.6 | 2020.4 | 1960.3 | 1894.9 | 1846.5 | 1804.7 | 1747.1 | 1693.5 | 1636.0 |
| 17.5°  | 2160.4 | 2091.0 | 2070.1 | 2027.0 | 1965.5 | 1880.5 | 1815.1 | 1764.1 | 1701.3 | 1637.3 | 1571.9 |
| 20°    | 2178.7 | 2097.6 | 2063.6 | 2033.5 | 1949.8 | 1853.0 | 1779.8 | 1721.0 | 1651.7 | 1575.8 | 1503.9 |
| 22.5°  | 2187.8 | 2097.6 | 2057.0 | 2015.2 | 1934.1 | 1823.0 | 1736.7 | 1667.3 | 1586.3 | 1509.1 | 1422.8 |
| 25°    | 2172.1 | 2089.7 | 2041.4 | 1998.2 | 1906.7 | 1786.3 | 1687.0 | 1608.5 | 1522.2 | 1434.6 | 1347.0 |
| 27.5°  | 2132.9 | 2071.4 | 2015.2 | 1970.7 | 1868.7 | 1739.3 | 1634.7 | 1545.7 | 1456.8 | 1358.7 | 1269.8 |
| 30°    | 2059.7 | 2032.2 | 1987.7 | 1938.0 | 1826.9 | 1697.4 | 1573.2 | 1481.6 | 1383.6 | 1285.5 | 1192.6 |
| 32.5°  | 1945.9 | 1969.4 | 1940.7 | 1897.5 | 1777.2 | 1639.9 | 1507.8 | 1415.0 | 1307.7 | 1201.8 | 1116.8 |
| 35°    | 1807.3 | 1891.0 | 1875.3 | 1845.2 | 1724.9 | 1578.4 | 1446.3 | 1333.9 | 1226.6 | 1119.4 | 1034.4 |
| 37.5°  | 1655.6 | 1782.4 | 1795.5 | 1777.2 | 1664.7 | 1515.6 | 1370.5 | 1260.6 | 1150.8 | 1042.3 | 955.9  |
| 40°    | 1447.6 | 1642.5 | 1684.3 | 1692.2 | 1602.0 | 1439.8 | 1288.1 | 1180.9 | 1072.3 | 966.4  | 861.8  |
| 42.5°  | 1256.7 | 1502.6 | 1554.9 | 1587.6 | 1522.2 | 1365.3 | 1212.3 | 1093.3 | 986.0  | 890.6  | 785.9  |
| 45°    | 1077.6 | 1333.9 | 1418.9 | 1460.7 | 1432.0 | 1280.3 | 1122.0 | 1010.9 | 912.8  | 825.2  | 724.5  |
| 47.5°  | 893.2  | 1150.8 | 1269.8 | 1336.5 | 1336.5 | 1193.9 | 1035.7 | 925.9  | 831.7  | 757.2  | 668.2  |
| 50°    | 770.2  | 984.7  | 1107.6 | 1195.3 | 1218.8 | 1106.3 | 957.3  | 850.0  | 761.1  | 680.0  | 612.0  |
| 52.5°  | 656.5  | 848.7  | 950.7  | 1042.3 | 1110.3 | 1012.2 | 869.6  | 772.9  | 685.2  | 609.4  | 555.8  |
| 55°    | 567.6  | 711.4  | 804.2  | 904.9  | 980.8  | 916.7  | 784.6  | 690.5  | 614.6  | 551.9  | 506.1  |
| 57.5°  | 482.5  | 608.1  | 683.9  | 772.9  | 853.9  | 805.6  | 699.6  | 618.6  | 551.9  | 496.9  | 456.4  |
| 60°    | 410.6  | 512.6  | 571.5  | 640.8  | 741.5  | 707.5  | 619.9  | 545.3  | 491.7  | 442.0  | 408.0  |
| 62.5°  | 349.2  | 430.2  | 479.9  | 529.6  | 621.2  | 605.5  | 537.5  | 479.9  | 434.2  | 392.3  | 363.5  |
| 65°    | 286.4  | 353.1  | 392.3  | 435.5  | 508.7  | 515.2  | 460.3  | 419.8  | 377.9  | 341.3  | 315.2  |
| 67.5°  | 231.5  | 283.8  | 319.1  | 355.7  | 414.5  | 432.9  | 394.9  | 360.9  | 325.6  | 295.5  | 272.0  |
| 70°    | 187.0  | 223.6  | 249.8  | 278.5  | 326.9  | 349.2  | 329.5  | 306.0  | 277.2  | 252.4  | 231.5  |
| 72.5°  | 147.8  | 171.3  | 187.0  | 209.2  | 248.5  | 270.7  | 269.4  | 248.5  | 227.5  | 210.5  | 193.5  |
| 75°    | 108.5  | 126.8  | 139.9  | 154.3  | 185.7  | 206.6  | 211.9  | 202.7  | 181.8  | 168.7  | 155.6  |
| 77.5°  | 82.4   | 92.8   | 99.4   | 109.8  | 132.1  | 150.4  | 158.2  | 155.6  | 141.2  | 130.8  | 121.6  |
| 80°    | 62.8   | 65.4   | 68.0   | 71.9   | 90.2   | 107.2  | 112.5  | 111.2  | 103.3  | 99.4   | 88.9   |
| 82.5°  | 44.5   | 45.8   | 47.1   | 48.4   | 54.9   | 69.3   | 74.5   | 77.2   | 70.6   | 66.7   | 57.5   |
| 85°    | 26.2   | 27.5   | 27.5   | 30.1   | 31.4   | 35.3   | 44.5   | 44.5   | 43.2   | 37.9   | 36.6   |
| 87.5°  | 13.1   | 13.1   | 11.8   | 11.8   | 13.1   | 14.4   | 17.0   | 19.6   | 17.0   | 15.7   | 14.4   |
| 90°    | 15.4   | 13.5   | 12.6   | 11.3   | 8.8    | 6.2    | 3.7    | 1.1    | 3.7    | 6.2    | 8.8    |
| 92.5°  | 23.2   | 22.5   | 22.1   | 22.6   | 23.5   | 24.4   | 25.4   | 26.3   | 25.4   | 24.4   | 23.5   |
| 95°    | 36.2   | 34.5   | 33.7   | 37.6   | 45.3   | 53.0   | 60.8   | 68.5   | 60.8   | 53.0   | 45.3   |
| 97.5°  | 42.5   | 38.8   | 36.9   | 46.5   | 65.7   | 84.8   | 104.0  | 123.2  | 104.0  | 84.8   | 65.7   |
| 100°   | 48.1   | 44.1   | 42.1   | 58.1   | 90.2   | 122.3  | 154.3  | 186.4  | 154.3  | 122.3  | 90.2   |
| 102.5° | 189.9  | 232.5  | 253.8  | 254.0  | 254.5  | 255.0  | 255.4  | 255.9  | 255.4  | 255.0  | 254.5  |
| 105°   | 256.0  | 319.9  | 351.8  | 348.3  | 341.3  | 334.2  | 327.2  | 320.2  | 327.2  | 334.2  | 341.3  |
| 107.5° | 303.0  | 381.9  | 421.3  | 418.4  | 412.5  | 406.7  | 400.8  | 395.0  | 400.8  | 406.7  | 412.5  |
| 110°   | 387.2  | 454.9  | 488.7  | 486.2  | 481.3  | 476.4  | 471.5  | 466.6  | 471.5  | 476.4  | 481.3  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 547.0  | 551.0  | 553.0  | 550.9  | 546.7  | 542.4  | 538.2  | 534.0  | 538.2  | 542.4  | 546.7  |
| 115°   | 632.3  | 626.4  | 623.5  | 621.5  | 617.5  | 613.6  | 609.6  | 605.6  | 609.6  | 613.6  | 617.5  |
| 117.5° | 694.9  | 690.9  | 688.9  | 686.6  | 681.9  | 677.2  | 672.5  | 667.8  | 672.5  | 677.2  | 681.9  |
| 120°   | 759.4  | 755.2  | 753.1  | 751.3  | 747.8  | 744.3  | 740.8  | 737.3  | 740.8  | 744.3  | 747.8  |
| 122.5° | 820.1  | 815.4  | 813.1  | 811.2  | 807.5  | 803.8  | 800.0  | 796.3  | 800.0  | 803.8  | 807.5  |
| 125°   | 876.7  | 872.2  | 870.0  | 868.5  | 865.4  | 862.4  | 859.3  | 856.3  | 859.3  | 862.4  | 865.4  |
| 127.5° | 931.1  | 927.6  | 925.8  | 924.2  | 920.9  | 917.6  | 914.4  | 911.1  | 914.4  | 917.6  | 920.9  |
| 130°   | 983.4  | 980.9  | 979.6  | 977.7  | 974.0  | 970.2  | 966.5  | 962.7  | 966.5  | 970.2  | 974.0  |
| 132.5° | 1032.9 | 1030.4 | 1029.1 | 1027.6 | 1024.5 | 1021.5 | 1018.4 | 1015.4 | 1018.4 | 1021.5 | 1024.5 |
| 135°   | 1079.6 | 1077.5 | 1076.5 | 1074.6 | 1070.9 | 1067.1 | 1063.4 | 1059.6 | 1063.4 | 1067.1 | 1070.9 |
| 137.5° | 1122.1 | 1119.8 | 1118.6 | 1117.2 | 1114.4 | 1111.6 | 1108.8 | 1106.0 | 1108.8 | 1111.6 | 1114.4 |
| 140°   | 1163.6 | 1161.0 | 1159.7 | 1158.8 | 1156.9 | 1155.0 | 1153.1 | 1151.2 | 1153.1 | 1155.0 | 1156.9 |
| 142.5° | 1201.1 | 1198.0 | 1196.5 | 1195.7 | 1194.1 | 1192.4 | 1190.8 | 1189.2 | 1190.8 | 1192.4 | 1194.1 |
| 145°   | 1234.1 | 1230.1 | 1228.1 | 1228.2 | 1228.5 | 1228.7 | 1229.0 | 1229.2 | 1229.0 | 1228.7 | 1228.5 |
| 147.5° | 1266.8 | 1262.8 | 1260.8 | 1261.1 | 1261.8 | 1262.5 | 1263.2 | 1263.9 | 1263.2 | 1262.5 | 1261.8 |
| 150°   | 1295.9 | 1292.2 | 1290.3 | 1291.1 | 1292.8 | 1294.4 | 1296.1 | 1297.7 | 1296.1 | 1294.4 | 1292.8 |
| 152.5° | 1323.0 | 1319.5 | 1317.7 | 1318.6 | 1320.5 | 1322.4 | 1324.2 | 1326.1 | 1324.2 | 1322.4 | 1320.5 |
| 155°   | 1348.2 | 1345.4 | 1344.0 | 1345.1 | 1347.2 | 1349.3 | 1351.4 | 1353.5 | 1351.4 | 1349.3 | 1347.2 |
| 157.5° | 1370.3 | 1368.2 | 1367.2 | 1368.1 | 1370.0 | 1371.9 | 1373.7 | 1375.6 | 1373.7 | 1371.9 | 1370.0 |
| 160°   | 1390.3 | 1388.9 | 1388.2 | 1388.9 | 1390.3 | 1391.8 | 1393.2 | 1394.6 | 1393.2 | 1391.8 | 1390.3 |
| 162.5° | 1406.9 | 1405.7 | 1405.1 | 1405.8 | 1407.2 | 1408.6 | 1410.0 | 1411.4 | 1410.0 | 1408.6 | 1407.2 |
| 165°   | 1420.9 | 1420.2 | 1419.8 | 1420.5 | 1421.9 | 1423.4 | 1424.8 | 1426.2 | 1424.8 | 1423.4 | 1421.9 |
| 167.5° | 1432.5 | 1431.8 | 1431.4 | 1432.1 | 1433.5 | 1434.9 | 1436.3 | 1437.7 | 1436.3 | 1434.9 | 1433.5 |
| 170°   | 1441.6 | 1441.1 | 1440.9 | 1441.6 | 1443.0 | 1444.4 | 1445.8 | 1447.2 | 1445.8 | 1444.4 | 1443.0 |
| 172.5° | 1447.9 | 1447.4 | 1447.2 | 1447.9 | 1449.3 | 1450.7 | 1452.1 | 1453.5 | 1452.1 | 1450.7 | 1449.3 |
| 175°   | 1452.1 | 1451.6 | 1451.4 | 1452.2 | 1453.9 | 1455.5 | 1457.2 | 1458.8 | 1457.2 | 1455.5 | 1453.9 |
| 177.5° | 1453.9 | 1453.6 | 1453.5 | 1454.3 | 1456.0 | 1457.6 | 1459.3 | 1460.9 | 1459.3 | 1457.6 | 1456.0 |
| 180°   | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 |
| 2.5°   | 1860.9 | 1862.2 | 1866.1 | 1854.3 | 1836.0 | 1828.2 | 1804.7 | 1800.7 | 1796.8 | 1796.8 | 1800.7 |
| 5°     | 1819.0 | 1813.8 | 1815.1 | 1792.9 | 1766.7 | 1751.0 | 1718.3 | 1723.6 | 1706.6 | 1696.1 | 1698.7 |
| 7.5°   | 1773.3 | 1758.9 | 1757.6 | 1728.8 | 1696.1 | 1667.3 | 1633.3 | 1625.5 | 1609.8 | 1591.5 | 1583.6 |
| 10°    | 1715.7 | 1705.3 | 1685.7 | 1653.0 | 1611.1 | 1587.6 | 1541.8 | 1514.3 | 1510.4 | 1483.0 | 1472.5 |
| 12.5°  | 1656.9 | 1638.6 | 1619.0 | 1573.2 | 1526.1 | 1488.2 | 1454.2 | 1424.1 | 1403.2 | 1379.6 | 1364.0 |
| 15°    | 1588.9 | 1566.6 | 1544.4 | 1496.0 | 1441.1 | 1403.2 | 1352.2 | 1307.7 | 1246.3 | 1197.9 | 1170.4 |
| 17.5°  | 1514.3 | 1489.5 | 1459.4 | 1405.8 | 1352.2 | 1299.9 | 1205.7 | 1153.4 | 1110.3 | 1081.5 | 1064.5 |
| 20°    | 1437.2 | 1409.7 | 1379.6 | 1326.0 | 1233.2 | 1141.6 | 1089.3 | 1048.8 | 1022.6 | 993.9  | 972.9  |
| 22.5°  | 1356.1 | 1327.3 | 1294.6 | 1210.9 | 1112.9 | 1048.8 | 1008.3 | 970.3  | 932.4  | 916.7  | 906.3  |
| 25°    | 1280.3 | 1254.1 | 1212.3 | 1098.5 | 1021.3 | 962.5  | 916.7  | 891.9  | 872.2  | 851.3  | 831.7  |
| 27.5°  | 1201.8 | 1153.4 | 1094.6 | 999.1  | 950.7  | 890.6  | 857.9  | 839.6  | 805.6  | 791.2  | 782.0  |
| 30°    | 1107.6 | 1054.0 | 997.8  | 929.8  | 873.6  | 831.7  | 801.6  | 771.6  | 751.9  | 737.6  | 721.9  |
| 32.5°  | 1012.2 | 961.2  | 925.9  | 855.2  | 813.4  | 770.2  | 741.5  | 723.2  | 694.4  | 685.2  | 678.7  |
| 35°    | 929.8  | 886.6  | 855.2  | 797.7  | 758.5  | 719.2  | 698.3  | 670.9  | 652.6  | 635.6  | 625.1  |
| 37.5°  | 848.7  | 825.2  | 792.5  | 744.1  | 702.2  | 670.9  | 642.1  | 632.9  | 608.1  | 598.9  | 588.5  |
| 40°    | 792.5  | 757.2  | 729.7  | 687.9  | 652.6  | 618.6  | 600.2  | 579.3  | 562.3  | 547.9  | 544.0  |
| 42.5°  | 724.5  | 698.3  | 682.6  | 636.9  | 600.2  | 580.6  | 558.4  | 534.9  | 521.8  | 510.0  | 495.6  |
| 45°    | 673.5  | 649.9  | 627.7  | 591.1  | 558.4  | 533.5  | 513.9  | 498.2  | 476.0  | 470.8  | 448.5  |
| 47.5°  | 619.9  | 596.3  | 579.3  | 542.7  | 512.6  | 489.1  | 474.7  | 453.8  | 435.5  | 423.7  | 413.2  |
| 50°    | 566.2  | 546.6  | 530.9  | 499.5  | 473.4  | 448.5  | 428.9  | 408.0  | 400.2  | 380.5  | 374.0  |
| 52.5°  | 515.2  | 502.2  | 485.2  | 455.1  | 428.9  | 408.0  | 387.1  | 370.1  | 358.3  | 347.9  | 340.0  |
| 55°    | 472.1  | 451.2  | 443.3  | 410.6  | 388.4  | 366.2  | 347.9  | 337.4  | 323.0  | 316.5  | 309.9  |
| 57.5°  | 423.7  | 411.9  | 398.9  | 374.0  | 349.2  | 328.2  | 315.2  | 299.5  | 291.6  | 283.8  | 278.5  |
| 60°    | 381.9  | 364.9  | 354.4  | 333.5  | 311.2  | 291.6  | 279.9  | 268.1  | 257.6  | 251.1  | 240.6  |
| 62.5°  | 333.5  | 320.4  | 313.9  | 291.6  | 273.3  | 255.0  | 244.5  | 232.8  | 224.9  | 213.2  | 200.1  |
| 65°    | 291.6  | 281.2  | 273.3  | 255.0  | 238.0  | 221.0  | 210.5  | 196.2  | 185.7  | 179.2  | 177.8  |
| 67.5°  | 255.0  | 247.2  | 235.4  | 218.4  | 201.4  | 188.3  | 176.5  | 164.8  | 163.5  | 160.8  | 160.8  |
| 70°    | 214.5  | 206.6  | 200.1  | 181.8  | 167.4  | 153.0  | 150.4  | 146.5  | 142.5  | 141.2  | 138.6  |
| 72.5°  | 179.2  | 172.6  | 164.8  | 149.1  | 134.7  | 130.8  | 128.2  | 125.5  | 121.6  | 120.3  | 119.0  |
| 75°    | 145.2  | 136.0  | 130.8  | 116.4  | 112.5  | 109.8  | 107.2  | 103.3  | 100.7  | 99.4   | 96.8   |
| 77.5°  | 111.2  | 102.0  | 102.0  | 94.2   | 91.5   | 87.6   | 85.0   | 82.4   | 81.1   | 78.5   | 78.5   |
| 80°    | 78.5   | 78.5   | 75.8   | 71.9   | 68.0   | 66.7   | 62.8   | 61.5   | 60.2   | 61.5   | 58.8   |
| 82.5°  | 57.5   | 52.3   | 52.3   | 49.7   | 47.1   | 45.8   | 43.2   | 43.2   | 41.8   | 41.8   | 41.8   |
| 85°    | 32.7   | 32.7   | 31.4   | 28.8   | 27.5   | 27.5   | 26.2   | 26.2   | 24.8   | 24.8   | 23.5   |
| 87.5°  | 13.1   | 11.8   | 13.1   | 11.8   | 11.8   | 10.5   | 10.5   | 10.5   | 9.2    | 10.5   | 9.2    |
| 90°    | 11.3   | 12.6   | 13.5   | 15.4   | 17.3   | 19.2   | 21.1   | 22.3   | 23.4   | 24.6   | 25.7   |
| 92.5°  | 22.6   | 22.1   | 22.5   | 23.2   | 23.9   | 24.6   | 25.3   | 25.8   | 26.2   | 26.7   | 27.2   |
| 95°    | 37.6   | 33.7   | 34.5   | 36.2   | 37.8   | 39.5   | 41.1   | 42.3   | 43.4   | 44.6   | 45.7   |
| 97.5°  | 46.5   | 36.9   | 38.8   | 42.5   | 46.2   | 50.0   | 53.7   | 54.4   | 55.1   | 55.8   | 56.5   |
| 100°   | 58.1   | 42.1   | 44.1   | 48.1   | 52.0   | 56.0   | 60.0   | 61.9   | 63.8   | 65.7   | 67.6   |
| 102.5° | 254.0  | 253.8  | 232.5  | 189.9  | 147.3  | 104.7  | 62.1   | 64.7   | 67.3   | 69.8   | 72.4   |
| 105°   | 348.3  | 351.8  | 319.9  | 256.0  | 192.1  | 128.2  | 64.3   | 66.9   | 69.4   | 72.0   | 74.5   |
| 107.5° | 418.4  | 421.3  | 381.9  | 303.0  | 224.1  | 145.3  | 66.4   | 69.0   | 71.5   | 74.1   | 76.6   |
| 110°   | 486.2  | 488.7  | 454.9  | 387.2  | 319.6  | 251.9  | 184.3  | 160.9  | 137.5  | 114.1  | 90.7   |

TEST NUMBER: P1010246

CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 550.9  | 553.0  | 551.0  | 547.0  | 543.1  | 539.1  | 535.1  | 434.2  | 333.3  | 232.4  | 131.5  |
| 115°   | 621.5  | 623.5  | 626.4  | 632.3  | 638.2  | 644.0  | 649.9  | 541.5  | 433.1  | 324.8  | 216.4  |
| 117.5° | 686.6  | 688.9  | 690.9  | 694.9  | 698.8  | 702.8  | 706.8  | 673.3  | 639.8  | 606.3  | 572.8  |
| 120°   | 751.3  | 753.1  | 755.2  | 759.4  | 763.7  | 767.9  | 772.1  | 774.9  | 777.7  | 780.5  | 783.3  |
| 122.5° | 811.2  | 813.1  | 815.4  | 820.1  | 824.8  | 829.5  | 834.2  | 835.6  | 837.0  | 838.4  | 839.8  |
| 125°   | 868.5  | 870.0  | 872.2  | 876.7  | 881.1  | 885.6  | 890.0  | 891.6  | 893.3  | 894.9  | 896.6  |
| 127.5° | 924.2  | 925.8  | 927.6  | 931.1  | 934.6  | 938.1  | 941.6  | 944.0  | 946.3  | 948.7  | 951.0  |
| 130°   | 977.7  | 979.6  | 980.9  | 983.4  | 986.0  | 988.5  | 991.1  | 993.7  | 996.3  | 998.8  | 1001.4 |
| 132.5° | 1027.6 | 1029.1 | 1030.4 | 1032.9 | 1035.5 | 1038.0 | 1040.6 | 1042.7 | 1044.8 | 1046.9 | 1049.0 |
| 135°   | 1074.6 | 1076.5 | 1077.5 | 1079.6 | 1081.7 | 1083.8 | 1085.9 | 1088.3 | 1090.6 | 1093.0 | 1095.3 |
| 137.5° | 1117.2 | 1118.6 | 1119.8 | 1122.1 | 1124.4 | 1126.8 | 1129.1 | 1131.5 | 1133.8 | 1136.2 | 1138.5 |
| 140°   | 1158.8 | 1159.7 | 1161.0 | 1163.6 | 1166.1 | 1168.7 | 1171.3 | 1173.4 | 1175.5 | 1177.6 | 1179.7 |
| 142.5° | 1195.7 | 1196.5 | 1198.0 | 1201.1 | 1204.1 | 1207.2 | 1210.2 | 1212.1 | 1214.0 | 1215.9 | 1217.8 |
| 145°   | 1228.2 | 1228.1 | 1230.1 | 1234.1 | 1238.0 | 1242.0 | 1246.0 | 1247.6 | 1249.3 | 1250.9 | 1252.6 |
| 147.5° | 1261.1 | 1260.8 | 1262.8 | 1266.8 | 1270.7 | 1274.7 | 1278.7 | 1279.9 | 1281.1 | 1282.2 | 1283.4 |
| 150°   | 1291.1 | 1290.3 | 1292.2 | 1295.9 | 1299.6 | 1303.4 | 1307.1 | 1308.5 | 1309.9 | 1311.4 | 1312.8 |
| 152.5° | 1318.6 | 1317.7 | 1319.5 | 1323.0 | 1326.5 | 1330.0 | 1333.5 | 1334.9 | 1336.3 | 1337.7 | 1339.1 |
| 155°   | 1345.1 | 1344.0 | 1345.4 | 1348.2 | 1351.0 | 1353.8 | 1356.6 | 1358.0 | 1359.4 | 1360.9 | 1362.3 |
| 157.5° | 1368.1 | 1367.2 | 1368.2 | 1370.3 | 1372.4 | 1374.5 | 1376.6 | 1378.2 | 1379.9 | 1381.5 | 1383.2 |
| 160°   | 1388.9 | 1388.2 | 1388.9 | 1390.3 | 1391.8 | 1393.2 | 1394.6 | 1396.0 | 1397.4 | 1398.8 | 1400.2 |
| 162.5° | 1405.8 | 1405.1 | 1405.7 | 1406.9 | 1408.0 | 1409.2 | 1410.4 | 1412.0 | 1413.6 | 1415.3 | 1416.9 |
| 165°   | 1420.5 | 1419.8 | 1420.2 | 1420.9 | 1421.6 | 1422.3 | 1423.0 | 1424.6 | 1426.3 | 1427.9 | 1429.6 |
| 167.5° | 1432.1 | 1431.4 | 1431.8 | 1432.5 | 1433.2 | 1433.9 | 1434.6 | 1436.2 | 1437.9 | 1439.5 | 1441.2 |
| 170°   | 1441.6 | 1440.9 | 1441.1 | 1441.6 | 1442.1 | 1442.5 | 1443.0 | 1444.6 | 1446.3 | 1447.9 | 1449.6 |
| 172.5° | 1447.9 | 1447.2 | 1447.4 | 1447.9 | 1448.4 | 1448.8 | 1449.3 | 1450.9 | 1452.6 | 1454.2 | 1455.9 |
| 175°   | 1452.2 | 1451.4 | 1451.6 | 1452.1 | 1452.6 | 1453.0 | 1453.5 | 1455.1 | 1456.8 | 1458.4 | 1460.1 |
| 177.5° | 1454.3 | 1453.5 | 1453.6 | 1453.9 | 1454.1 | 1454.4 | 1454.6 | 1456.2 | 1457.9 | 1459.5 | 1461.2 |
| 180°   | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 |



TEST NUMBER: P1010246

CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 |
| 2.5°   | 1800.7 | 1798.1 | 1790.3 | 1792.9 | 1789.0 | 1789.0 | 1786.3 | 1786.3 | 1786.3 | 1792.9 | 1789.0 |
| 5°     | 1702.7 | 1693.5 | 1684.3 | 1680.4 | 1676.5 | 1672.6 | 1672.6 | 1671.3 | 1683.0 | 1680.4 | 1690.9 |
| 7.5°   | 1581.0 | 1578.4 | 1560.1 | 1560.1 | 1553.6 | 1551.0 | 1557.5 | 1558.8 | 1560.1 | 1562.7 | 1569.3 |
| 10°    | 1472.5 | 1466.0 | 1439.8 | 1442.4 | 1438.5 | 1433.3 | 1437.2 | 1434.6 | 1443.7 | 1446.3 | 1443.7 |
| 12.5°  | 1344.3 | 1332.6 | 1303.8 | 1289.4 | 1273.7 | 1261.9 | 1276.3 | 1265.9 | 1302.5 | 1313.0 | 1341.7 |
| 15°    | 1174.3 | 1152.1 | 1132.5 | 1132.5 | 1118.1 | 1107.6 | 1114.2 | 1125.9 | 1133.8 | 1145.6 | 1150.8 |
| 17.5°  | 1060.6 | 1051.4 | 1035.7 | 1026.6 | 1022.6 | 1018.7 | 1018.7 | 1023.9 | 1040.9 | 1039.6 | 1050.1 |
| 20°    | 963.8  | 958.6  | 950.7  | 938.9  | 935.0  | 932.4  | 932.4  | 932.4  | 944.2  | 954.6  | 961.2  |
| 22.5°  | 897.1  | 893.2  | 887.9  | 872.2  | 864.4  | 861.8  | 868.3  | 872.2  | 881.4  | 889.2  | 895.8  |
| 25°    | 830.4  | 821.2  | 812.1  | 806.9  | 802.9  | 802.9  | 805.6  | 806.9  | 810.8  | 814.7  | 822.6  |
| 27.5°  | 775.5  | 768.9  | 755.9  | 741.5  | 741.5  | 737.6  | 740.2  | 742.8  | 751.9  | 765.0  | 771.6  |
| 30°    | 714.0  | 712.7  | 707.5  | 702.2  | 697.0  | 694.4  | 699.6  | 703.6  | 704.9  | 711.4  | 711.4  |
| 32.5°  | 669.6  | 660.4  | 651.2  | 646.0  | 643.4  | 642.1  | 643.4  | 648.6  | 648.6  | 656.5  | 665.6  |
| 35°    | 625.1  | 619.9  | 610.7  | 601.6  | 598.9  | 592.4  | 597.6  | 602.9  | 612.0  | 615.9  | 619.9  |
| 37.5°  | 576.7  | 570.2  | 566.2  | 563.6  | 558.4  | 559.7  | 555.8  | 563.6  | 571.5  | 570.2  | 572.8  |
| 40°    | 540.1  | 528.3  | 516.5  | 515.2  | 513.9  | 512.6  | 512.6  | 513.9  | 519.2  | 524.4  | 532.2  |
| 42.5°  | 493.0  | 489.1  | 478.6  | 468.2  | 465.5  | 462.9  | 460.3  | 465.5  | 476.0  | 485.2  | 489.1  |
| 45°    | 444.6  | 439.4  | 436.8  | 428.9  | 423.7  | 422.4  | 419.8  | 426.3  | 435.5  | 439.4  | 442.0  |
| 47.5°  | 400.2  | 398.9  | 391.0  | 392.3  | 388.4  | 389.7  | 388.4  | 392.3  | 392.3  | 396.2  | 398.9  |
| 50°    | 370.1  | 366.2  | 362.2  | 359.6  | 355.7  | 355.7  | 354.4  | 355.7  | 360.9  | 366.2  | 364.9  |
| 52.5°  | 340.0  | 333.5  | 332.2  | 330.9  | 328.2  | 330.9  | 326.9  | 328.2  | 333.5  | 336.1  | 334.8  |
| 55°    | 304.7  | 303.4  | 300.8  | 298.2  | 296.9  | 295.5  | 295.5  | 295.5  | 300.8  | 304.7  | 306.0  |
| 57.5°  | 277.2  | 270.7  | 265.5  | 265.5  | 260.2  | 258.9  | 261.5  | 262.9  | 266.8  | 269.4  | 272.0  |
| 60°    | 239.3  | 236.7  | 228.9  | 224.9  | 217.1  | 215.8  | 215.8  | 221.0  | 227.5  | 236.7  | 239.3  |
| 62.5°  | 198.8  | 194.9  | 193.5  | 193.5  | 193.5  | 193.5  | 193.5  | 193.5  | 193.5  | 194.9  | 194.9  |
| 65°    | 176.5  | 177.8  | 176.5  | 175.2  | 176.5  | 176.5  | 175.2  | 175.2  | 175.2  | 176.5  | 177.8  |
| 67.5°  | 158.2  | 156.9  | 158.2  | 156.9  | 155.6  | 155.6  | 154.3  | 155.6  | 156.9  | 158.2  | 158.2  |
| 70°    | 137.3  | 137.3  | 136.0  | 137.3  | 136.0  | 134.7  | 133.4  | 133.4  | 136.0  | 137.3  | 137.3  |
| 72.5°  | 117.7  | 117.7  | 116.4  | 116.4  | 113.8  | 113.8  | 115.1  | 113.8  | 113.8  | 117.7  | 117.7  |
| 75°    | 98.1   | 96.8   | 95.5   | 95.5   | 94.2   | 94.2   | 94.2   | 92.8   | 95.5   | 95.5   | 96.8   |
| 77.5°  | 77.2   | 77.2   | 77.2   | 75.8   | 75.8   | 74.5   | 74.5   | 75.8   | 75.8   | 75.8   | 77.2   |
| 80°    | 58.8   | 58.8   | 58.8   | 57.5   | 56.2   | 56.2   | 56.2   | 56.2   | 56.2   | 57.5   | 56.2   |
| 82.5°  | 40.5   | 40.5   | 40.5   | 40.5   | 40.5   | 39.2   | 39.2   | 39.2   | 40.5   | 40.5   | 39.2   |
| 85°    | 24.8   | 23.5   | 24.8   | 24.8   | 23.5   | 24.8   | 23.5   | 23.5   | 22.2   | 22.2   | 23.5   |
| 87.5°  | 10.5   | 9.2    | 7.8    | 7.8    | 9.2    | 7.8    | 7.8    | 7.8    | 9.2    | 7.8    | 7.8    |
| 90°    | 26.3   | 26.5   | 27.0   | 27.5   | 27.9   | 28.4   | 27.9   | 27.5   | 27.0   | 26.5   | 26.3   |
| 92.5°  | 27.4   | 27.5   | 27.7   | 28.0   | 28.2   | 28.4   | 28.2   | 28.0   | 27.7   | 27.5   | 27.4   |
| 95°    | 46.3   | 46.2   | 46.0   | 45.7   | 45.5   | 45.3   | 45.5   | 45.7   | 46.0   | 46.2   | 46.3   |
| 97.5°  | 56.9   | 57.0   | 57.2   | 57.5   | 57.7   | 57.9   | 57.7   | 57.5   | 57.2   | 57.0   | 56.9   |
| 100°   | 68.5   | 68.7   | 69.2   | 69.7   | 70.1   | 70.6   | 70.1   | 69.7   | 69.2   | 68.7   | 68.5   |
| 102.5° | 73.7   | 74.1   | 74.8   | 75.5   | 76.2   | 76.9   | 76.2   | 75.5   | 74.8   | 74.1   | 73.7   |
| 105°   | 75.8   | 76.3   | 77.2   | 78.1   | 79.1   | 80.0   | 79.1   | 78.1   | 77.2   | 76.3   | 75.8   |
| 107.5° | 77.9   | 78.4   | 79.3   | 80.3   | 81.2   | 82.2   | 81.2   | 80.3   | 79.3   | 78.4   | 77.9   |
| 110°   | 79.0   | 79.5   | 80.4   | 81.3   | 82.3   | 83.2   | 82.3   | 81.3   | 80.4   | 79.5   | 79.0   |





TEST NUMBER: P1010246

CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 81.1   | 81.5   | 82.2   | 82.9   | 83.6   | 84.3   | 83.6   | 82.9   | 82.2   | 81.5   | 81.1   |
| 115°   | 162.2  | 153.8  | 136.9  | 120.1  | 103.2  | 86.4   | 103.2  | 120.1  | 136.9  | 153.8  | 162.2  |
| 117.5° | 556.1  | 525.4  | 464.1  | 402.8  | 341.5  | 280.2  | 341.5  | 402.8  | 464.1  | 525.4  | 556.1  |
| 120°   | 784.7  | 768.9  | 737.3  | 705.7  | 674.1  | 642.5  | 674.1  | 705.7  | 737.3  | 768.9  | 784.7  |
| 122.5° | 840.5  | 840.6  | 840.9  | 841.1  | 841.4  | 841.6  | 841.4  | 841.1  | 840.9  | 840.6  | 840.5  |
| 125°   | 897.4  | 897.8  | 898.5  | 899.2  | 899.9  | 900.6  | 899.9  | 899.2  | 898.5  | 897.8  | 897.4  |
| 127.5° | 952.2  | 952.3  | 952.5  | 952.8  | 953.0  | 953.2  | 953.0  | 952.8  | 952.5  | 952.3  | 952.2  |
| 130°   | 1002.7 | 1002.6 | 1002.4 | 1002.1 | 1001.9 | 1001.7 | 1001.9 | 1002.1 | 1002.4 | 1002.6 | 1002.7 |
| 132.5° | 1050.1 | 1050.0 | 1049.8 | 1049.5 | 1049.3 | 1049.1 | 1049.3 | 1049.5 | 1049.8 | 1050.0 | 1050.1 |
| 135°   | 1096.5 | 1096.3 | 1095.8 | 1095.3 | 1094.9 | 1094.4 | 1094.9 | 1095.3 | 1095.8 | 1096.3 | 1096.5 |
| 137.5° | 1139.7 | 1139.3 | 1138.6 | 1137.9 | 1137.2 | 1136.5 | 1137.2 | 1137.9 | 1138.6 | 1139.3 | 1139.7 |
| 140°   | 1180.7 | 1180.1 | 1179.0 | 1177.8 | 1176.7 | 1175.5 | 1176.7 | 1177.8 | 1179.0 | 1180.1 | 1180.7 |
| 142.5° | 1218.7 | 1218.1 | 1216.9 | 1215.8 | 1214.6 | 1213.4 | 1214.6 | 1215.8 | 1216.9 | 1218.1 | 1218.7 |
| 145°   | 1253.4 | 1252.8 | 1251.6 | 1250.5 | 1249.3 | 1248.1 | 1249.3 | 1250.5 | 1251.6 | 1252.8 | 1253.4 |
| 147.5° | 1284.0 | 1283.5 | 1282.6 | 1281.6 | 1280.7 | 1279.7 | 1280.7 | 1281.6 | 1282.6 | 1283.5 | 1284.0 |
| 150°   | 1313.5 | 1312.9 | 1311.7 | 1310.6 | 1309.4 | 1308.2 | 1309.4 | 1310.6 | 1311.7 | 1312.9 | 1313.5 |
| 152.5° | 1339.8 | 1339.0 | 1337.3 | 1335.7 | 1334.0 | 1332.4 | 1334.0 | 1335.7 | 1337.3 | 1339.0 | 1339.8 |
| 155°   | 1363.0 | 1362.1 | 1360.2 | 1358.3 | 1356.4 | 1354.5 | 1356.4 | 1358.3 | 1360.2 | 1362.1 | 1363.0 |
| 157.5° | 1384.0 | 1383.1 | 1381.2 | 1379.3 | 1377.5 | 1375.6 | 1377.5 | 1379.3 | 1381.2 | 1383.1 | 1384.0 |
| 160°   | 1400.9 | 1400.1 | 1398.4 | 1396.8 | 1395.1 | 1393.5 | 1395.1 | 1396.8 | 1398.4 | 1400.1 | 1400.9 |
| 162.5° | 1417.7 | 1416.6 | 1414.5 | 1412.4 | 1410.3 | 1408.2 | 1410.3 | 1412.4 | 1414.5 | 1416.6 | 1417.7 |
| 165°   | 1430.4 | 1429.6 | 1427.9 | 1426.3 | 1424.6 | 1423.0 | 1424.6 | 1426.3 | 1427.9 | 1429.6 | 1430.4 |
| 167.5° | 1442.0 | 1440.9 | 1438.8 | 1436.7 | 1434.6 | 1432.5 | 1434.6 | 1436.7 | 1438.8 | 1440.9 | 1442.0 |
| 170°   | 1450.4 | 1449.3 | 1447.2 | 1445.1 | 1443.0 | 1440.9 | 1443.0 | 1445.1 | 1447.2 | 1449.3 | 1450.4 |
| 172.5° | 1456.7 | 1455.6 | 1453.5 | 1451.4 | 1449.3 | 1447.2 | 1449.3 | 1451.4 | 1453.5 | 1455.6 | 1456.7 |
| 175°   | 1460.9 | 1459.7 | 1457.4 | 1455.1 | 1452.7 | 1450.4 | 1452.7 | 1455.1 | 1457.4 | 1459.7 | 1460.9 |
| 177.5° | 1462.0 | 1460.9 | 1458.8 | 1456.7 | 1454.6 | 1452.5 | 1454.6 | 1456.7 | 1458.8 | 1460.9 | 1462.0 |
| 180°   | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 |

TEST NUMBER: P1010246

CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 | 1881.8 |
| 2.5°   | 1792.9 | 1799.4 | 1796.8 | 1782.4 | 1796.8 | 1800.7 | 1808.6 | 1816.4 | 1821.7 | 1829.5 | 1836.0 |
| 5°     | 1680.4 | 1693.5 | 1701.3 | 1693.5 | 1719.7 | 1723.6 | 1741.9 | 1752.3 | 1768.0 | 1781.1 | 1791.6 |
| 7.5°   | 1574.5 | 1585.0 | 1600.6 | 1603.3 | 1619.0 | 1637.3 | 1663.4 | 1689.6 | 1714.4 | 1727.5 | 1739.3 |
| 10°    | 1460.7 | 1479.0 | 1502.6 | 1497.3 | 1520.9 | 1549.6 | 1577.1 | 1619.0 | 1639.9 | 1663.4 | 1684.3 |
| 12.5°  | 1347.0 | 1358.7 | 1390.1 | 1400.6 | 1434.6 | 1456.8 | 1494.7 | 1520.9 | 1573.2 | 1600.6 | 1619.0 |
| 15°    | 1148.2 | 1196.6 | 1235.8 | 1282.9 | 1327.3 | 1369.2 | 1403.2 | 1450.3 | 1496.0 | 1517.0 | 1547.0 |
| 17.5°  | 1057.9 | 1080.2 | 1103.7 | 1127.3 | 1184.8 | 1259.3 | 1319.5 | 1370.5 | 1409.7 | 1437.2 | 1472.5 |
| 20°    | 963.8  | 986.0  | 1012.2 | 1034.4 | 1069.7 | 1123.3 | 1197.9 | 1285.5 | 1332.6 | 1361.3 | 1395.3 |
| 22.5°  | 897.1  | 918.0  | 935.0  | 954.6  | 982.1  | 1021.3 | 1077.6 | 1186.1 | 1248.9 | 1284.2 | 1314.3 |
| 25°    | 825.2  | 851.3  | 869.6  | 884.0  | 906.3  | 949.4  | 995.2  | 1056.6 | 1169.1 | 1196.6 | 1238.4 |
| 27.5°  | 775.5  | 783.3  | 804.2  | 826.5  | 848.7  | 872.2  | 919.3  | 971.6  | 1047.5 | 1107.6 | 1158.6 |
| 30°    | 716.6  | 736.2  | 755.9  | 765.0  | 784.6  | 818.6  | 847.4  | 903.6  | 962.5  | 1009.6 | 1071.0 |
| 32.5°  | 672.2  | 683.9  | 697.0  | 719.2  | 737.6  | 761.1  | 789.9  | 836.9  | 886.6  | 916.7  | 963.8  |
| 35°    | 622.5  | 630.3  | 657.8  | 666.9  | 685.2  | 708.8  | 737.6  | 774.2  | 827.8  | 851.3  | 885.3  |
| 37.5°  | 575.4  | 593.7  | 601.6  | 622.5  | 639.5  | 663.0  | 683.9  | 725.8  | 761.1  | 788.6  | 819.9  |
| 40°    | 538.8  | 546.6  | 561.0  | 579.3  | 593.7  | 612.0  | 638.2  | 668.2  | 706.2  | 728.4  | 755.9  |
| 42.5°  | 494.3  | 500.9  | 519.2  | 529.6  | 553.2  | 570.2  | 585.9  | 622.5  | 656.5  | 673.5  | 700.9  |
| 45°    | 445.9  | 461.6  | 473.4  | 494.3  | 507.4  | 528.3  | 547.9  | 574.1  | 605.5  | 625.1  | 640.8  |
| 47.5°  | 404.1  | 419.8  | 431.5  | 451.2  | 472.1  | 481.2  | 502.2  | 529.6  | 558.4  | 574.1  | 596.3  |
| 50°    | 370.1  | 375.3  | 397.5  | 406.7  | 428.9  | 447.2  | 461.6  | 485.2  | 516.5  | 525.7  | 544.0  |
| 52.5°  | 337.4  | 341.3  | 355.7  | 367.5  | 387.1  | 402.8  | 421.1  | 443.3  | 469.5  | 483.9  | 498.2  |
| 55°    | 308.6  | 311.2  | 317.8  | 330.9  | 343.9  | 363.5  | 380.5  | 401.5  | 423.7  | 439.4  | 452.5  |
| 57.5°  | 275.9  | 281.2  | 286.4  | 294.2  | 307.3  | 325.6  | 343.9  | 363.5  | 381.9  | 392.3  | 409.3  |
| 60°    | 238.0  | 245.9  | 255.0  | 264.2  | 273.3  | 286.4  | 307.3  | 325.6  | 342.6  | 351.8  | 364.9  |
| 62.5°  | 197.5  | 213.2  | 221.0  | 231.5  | 239.3  | 251.1  | 266.8  | 287.7  | 299.5  | 311.2  | 321.7  |
| 65°    | 177.8  | 179.2  | 180.5  | 190.9  | 205.3  | 217.1  | 231.5  | 247.2  | 265.5  | 273.3  | 281.2  |
| 67.5°  | 158.2  | 159.5  | 162.2  | 163.5  | 168.7  | 181.8  | 197.5  | 214.5  | 228.9  | 234.1  | 241.9  |
| 70°    | 138.6  | 138.6  | 143.8  | 145.2  | 146.5  | 147.8  | 160.8  | 177.8  | 190.9  | 197.5  | 206.6  |
| 72.5°  | 117.7  | 119.0  | 121.6  | 122.9  | 125.5  | 128.2  | 132.1  | 141.2  | 156.9  | 163.5  | 173.9  |
| 75°    | 96.8   | 98.1   | 99.4   | 100.7  | 104.6  | 105.9  | 109.8  | 115.1  | 121.6  | 129.5  | 136.0  |
| 77.5°  | 77.2   | 77.2   | 78.5   | 81.1   | 83.7   | 85.0   | 88.9   | 91.5   | 94.2   | 98.1   | 103.3  |
| 80°    | 57.5   | 58.8   | 58.8   | 61.5   | 61.5   | 62.8   | 64.1   | 68.0   | 70.6   | 73.2   | 75.8   |
| 82.5°  | 39.2   | 41.8   | 41.8   | 41.8   | 43.2   | 44.5   | 45.8   | 45.8   | 48.4   | 49.7   | 53.6   |
| 85°    | 23.5   | 24.8   | 24.8   | 24.8   | 23.5   | 26.2   | 26.2   | 27.5   | 27.5   | 27.5   | 28.8   |
| 87.5°  | 9.2    | 7.8    | 9.2    | 9.2    | 9.2    | 10.5   | 9.2    | 9.2    | 10.5   | 11.8   | 11.8   |
| 90°    | 25.7   | 24.6   | 23.4   | 22.3   | 21.1   | 19.2   | 17.3   | 15.4   | 13.5   | 12.6   | 11.3   |
| 92.5°  | 27.2   | 26.7   | 26.2   | 25.8   | 25.3   | 24.6   | 23.9   | 23.2   | 22.5   | 22.1   | 22.6   |
| 95°    | 45.7   | 44.6   | 43.4   | 42.3   | 41.1   | 39.5   | 37.8   | 36.2   | 34.5   | 33.7   | 37.6   |
| 97.5°  | 56.5   | 55.8   | 55.1   | 54.4   | 53.7   | 50.0   | 46.2   | 42.5   | 38.8   | 36.9   | 46.5   |
| 100°   | 67.6   | 65.7   | 63.8   | 61.9   | 60.0   | 56.0   | 52.0   | 48.1   | 44.1   | 42.1   | 58.1   |
| 102.5° | 72.4   | 69.8   | 67.3   | 64.7   | 62.1   | 104.7  | 147.3  | 189.9  | 232.5  | 253.8  | 254.0  |
| 105°   | 74.5   | 72.0   | 69.4   | 66.9   | 64.3   | 128.2  | 192.1  | 256.0  | 319.9  | 351.8  | 348.3  |
| 107.5° | 76.6   | 74.1   | 71.5   | 69.0   | 66.4   | 145.3  | 224.1  | 303.0  | 381.9  | 421.3  | 418.4  |
| 110°   | 90.7   | 114.1  | 137.5  | 160.9  | 184.3  | 251.9  | 319.6  | 387.2  | 454.9  | 488.7  | 486.2  |

TEST NUMBER: P1010246

CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 131.5  | 232.4  | 333.3  | 434.2  | 535.1  | 539.1  | 543.1  | 547.0  | 551.0  | 553.0  | 550.9  |
| 115°   | 216.4  | 324.8  | 433.1  | 541.5  | 649.9  | 644.0  | 638.2  | 632.3  | 626.4  | 623.5  | 621.5  |
| 117.5° | 572.8  | 606.3  | 639.8  | 673.3  | 706.8  | 702.8  | 698.8  | 694.9  | 690.9  | 688.9  | 686.6  |
| 120°   | 783.3  | 780.5  | 777.7  | 774.9  | 772.1  | 767.9  | 763.7  | 759.4  | 755.2  | 753.1  | 751.3  |
| 122.5° | 839.8  | 838.4  | 837.0  | 835.6  | 834.2  | 829.5  | 824.8  | 820.1  | 815.4  | 813.1  | 811.2  |
| 125°   | 896.6  | 894.9  | 893.3  | 891.6  | 890.0  | 885.6  | 881.1  | 876.7  | 872.2  | 870.0  | 868.5  |
| 127.5° | 951.0  | 948.7  | 946.3  | 944.0  | 941.6  | 938.1  | 934.6  | 931.1  | 927.6  | 925.8  | 924.2  |
| 130°   | 1001.4 | 998.8  | 996.3  | 993.7  | 991.1  | 988.5  | 986.0  | 983.4  | 980.9  | 979.6  | 977.7  |
| 132.5° | 1049.0 | 1046.9 | 1044.8 | 1042.7 | 1040.6 | 1038.0 | 1035.5 | 1032.9 | 1030.4 | 1029.1 | 1027.6 |
| 135°   | 1095.3 | 1093.0 | 1090.6 | 1088.3 | 1085.9 | 1083.8 | 1081.7 | 1079.6 | 1077.5 | 1076.5 | 1074.6 |
| 137.5° | 1138.5 | 1136.2 | 1133.8 | 1131.5 | 1129.1 | 1126.8 | 1124.4 | 1122.1 | 1119.8 | 1118.6 | 1117.2 |
| 140°   | 1179.7 | 1177.6 | 1175.5 | 1173.4 | 1171.3 | 1168.7 | 1166.1 | 1163.6 | 1161.0 | 1159.7 | 1158.8 |
| 142.5° | 1217.8 | 1215.9 | 1214.0 | 1212.1 | 1210.2 | 1207.2 | 1204.1 | 1201.1 | 1198.0 | 1196.5 | 1195.7 |
| 145°   | 1252.6 | 1250.9 | 1249.3 | 1247.6 | 1246.0 | 1242.0 | 1238.0 | 1234.1 | 1230.1 | 1228.1 | 1228.2 |
| 147.5° | 1283.4 | 1282.2 | 1281.1 | 1279.9 | 1278.7 | 1274.7 | 1270.7 | 1266.8 | 1262.8 | 1260.8 | 1261.1 |
| 150°   | 1312.8 | 1311.4 | 1309.9 | 1308.5 | 1307.1 | 1303.4 | 1299.6 | 1295.9 | 1292.2 | 1290.3 | 1291.1 |
| 152.5° | 1339.1 | 1337.7 | 1336.3 | 1334.9 | 1333.5 | 1330.0 | 1326.5 | 1323.0 | 1319.5 | 1317.7 | 1318.6 |
| 155°   | 1362.3 | 1360.9 | 1359.4 | 1358.0 | 1356.6 | 1353.8 | 1351.0 | 1348.2 | 1345.4 | 1344.0 | 1345.1 |
| 157.5° | 1383.2 | 1381.5 | 1379.9 | 1378.2 | 1376.6 | 1374.5 | 1372.4 | 1370.3 | 1368.2 | 1367.2 | 1368.1 |
| 160°   | 1400.2 | 1398.8 | 1397.4 | 1396.0 | 1394.6 | 1393.2 | 1391.8 | 1390.3 | 1388.9 | 1388.2 | 1388.9 |
| 162.5° | 1416.9 | 1415.3 | 1413.6 | 1412.0 | 1410.4 | 1409.2 | 1408.0 | 1406.9 | 1405.7 | 1405.1 | 1405.8 |
| 165°   | 1429.6 | 1427.9 | 1426.3 | 1424.6 | 1423.0 | 1422.3 | 1421.6 | 1420.9 | 1420.2 | 1419.8 | 1420.5 |
| 167.5° | 1441.2 | 1439.5 | 1437.9 | 1436.2 | 1434.6 | 1433.9 | 1433.2 | 1432.5 | 1431.8 | 1431.4 | 1432.1 |
| 170°   | 1449.6 | 1447.9 | 1446.3 | 1444.6 | 1443.0 | 1442.5 | 1442.1 | 1441.6 | 1441.1 | 1440.9 | 1441.6 |
| 172.5° | 1455.9 | 1454.2 | 1452.6 | 1450.9 | 1449.3 | 1448.8 | 1448.4 | 1447.9 | 1447.4 | 1447.2 | 1447.9 |
| 175°   | 1460.1 | 1458.4 | 1456.8 | 1455.1 | 1453.5 | 1453.0 | 1452.6 | 1452.1 | 1451.6 | 1451.4 | 1452.2 |
| 177.5° | 1461.2 | 1459.5 | 1457.9 | 1456.2 | 1454.6 | 1454.4 | 1454.1 | 1453.9 | 1453.6 | 1453.5 | 1454.3 |
| 180°   | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 | 1455.6 |

TEST NUMBER: P1010246

CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1881.8 | 1881.8 | 1881.8 | 1881.8 |
| 2.5°   | 1847.8 | 1843.9 | 1867.4 | 1893.6 |
| 5°     | 1809.9 | 1816.4 | 1846.5 | 1883.1 |
| 7.5°   | 1770.7 | 1785.0 | 1820.3 | 1868.7 |
| 10°    | 1715.7 | 1741.9 | 1795.5 | 1845.2 |
| 12.5°  | 1662.1 | 1697.4 | 1748.4 | 1807.3 |
| 15°    | 1602.0 | 1641.2 | 1704.0 | 1774.6 |
| 17.5°  | 1535.3 | 1579.7 | 1653.0 | 1730.1 |
| 20°    | 1464.6 | 1523.5 | 1600.6 | 1684.3 |
| 22.5°  | 1386.2 | 1456.8 | 1536.6 | 1629.4 |
| 25°    | 1310.3 | 1387.5 | 1467.3 | 1574.5 |
| 27.5°  | 1235.8 | 1311.6 | 1400.6 | 1509.1 |
| 30°    | 1161.3 | 1230.6 | 1326.0 | 1442.4 |
| 32.5°  | 1081.5 | 1153.4 | 1254.1 | 1373.1 |
| 35°    | 1008.3 | 1080.2 | 1174.3 | 1292.0 |
| 37.5°  | 929.8  | 1006.9 | 1097.2 | 1218.8 |
| 40°    | 838.2  | 928.5  | 1016.1 | 1132.5 |
| 42.5°  | 762.4  | 857.9  | 942.9  | 1052.7 |
| 45°    | 702.2  | 792.5  | 863.1  | 970.3  |
| 47.5°  | 646.0  | 719.2  | 791.2  | 890.6  |
| 50°    | 592.4  | 648.6  | 723.2  | 812.1  |
| 52.5°  | 537.5  | 585.9  | 649.9  | 733.6  |
| 55°    | 487.8  | 533.5  | 591.1  | 655.2  |
| 57.5°  | 442.0  | 474.7  | 532.2  | 589.8  |
| 60°    | 391.0  | 425.0  | 469.5  | 517.9  |
| 62.5°  | 347.9  | 374.0  | 415.9  | 456.4  |
| 65°    | 302.1  | 326.9  | 358.3  | 396.2  |
| 67.5°  | 260.2  | 282.5  | 307.3  | 337.4  |
| 70°    | 222.3  | 239.3  | 257.6  | 283.8  |
| 72.5°  | 181.8  | 200.1  | 217.1  | 238.0  |
| 75°    | 149.1  | 156.9  | 171.3  | 185.7  |
| 77.5°  | 115.1  | 125.5  | 133.4  | 145.2  |
| 80°    | 82.4   | 91.5   | 94.2   | 103.3  |
| 82.5°  | 54.9   | 60.2   | 65.4   | 68.0   |
| 85°    | 31.4   | 34.0   | 39.2   | 40.5   |
| 87.5°  | 11.8   | 13.1   | 15.7   | 18.3   |
| 90°    | 8.8    | 6.2    | 3.7    | 1.1    |
| 92.5°  | 23.5   | 24.4   | 25.4   | 26.3   |
| 95°    | 45.3   | 53.0   | 60.8   | 68.5   |
| 97.5°  | 65.7   | 84.8   | 104.0  | 123.2  |
| 100°   | 90.2   | 122.3  | 154.3  | 186.4  |
| 102.5° | 254.5  | 255.0  | 255.4  | 255.9  |
| 105°   | 341.3  | 334.2  | 327.2  | 320.2  |
| 107.5° | 412.5  | 406.7  | 400.8  | 395.0  |
| 110°   | 481.3  | 476.4  | 471.5  | 466.6  |

TEST NUMBER: P1010246

CATALOG NUMBER: S122RDIP-B865D1080UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 546.7  | 542.4  | 538.2  | 534.0  |
| 115°   | 617.5  | 613.6  | 609.6  | 605.6  |
| 117.5° | 681.9  | 677.2  | 672.5  | 667.8  |
| 120°   | 747.8  | 744.3  | 740.8  | 737.3  |
| 122.5° | 807.5  | 803.8  | 800.0  | 796.3  |
| 125°   | 865.4  | 862.4  | 859.3  | 856.3  |
| 127.5° | 920.9  | 917.6  | 914.4  | 911.1  |
| 130°   | 974.0  | 970.2  | 966.5  | 962.7  |
| 132.5° | 1024.5 | 1021.5 | 1018.4 | 1015.4 |
| 135°   | 1070.9 | 1067.1 | 1063.4 | 1059.6 |
| 137.5° | 1114.4 | 1111.6 | 1108.8 | 1106.0 |
| 140°   | 1156.9 | 1155.0 | 1153.1 | 1151.2 |
| 142.5° | 1194.1 | 1192.4 | 1190.8 | 1189.2 |
| 145°   | 1228.5 | 1228.7 | 1229.0 | 1229.2 |
| 147.5° | 1261.8 | 1262.5 | 1263.2 | 1263.9 |
| 150°   | 1292.8 | 1294.4 | 1296.1 | 1297.7 |
| 152.5° | 1320.5 | 1322.4 | 1324.2 | 1326.1 |
| 155°   | 1347.2 | 1349.3 | 1351.4 | 1353.5 |
| 157.5° | 1370.0 | 1371.9 | 1373.7 | 1375.6 |
| 160°   | 1390.3 | 1391.8 | 1393.2 | 1394.6 |
| 162.5° | 1407.2 | 1408.6 | 1410.0 | 1411.4 |
| 165°   | 1421.9 | 1423.4 | 1424.8 | 1426.2 |
| 167.5° | 1433.5 | 1434.9 | 1436.3 | 1437.7 |
| 170°   | 1443.0 | 1444.4 | 1445.8 | 1447.2 |
| 172.5° | 1449.3 | 1450.7 | 1452.1 | 1453.5 |
| 175°   | 1453.9 | 1455.5 | 1457.2 | 1458.8 |
| 177.5° | 1456.0 | 1457.6 | 1459.3 | 1460.9 |
| 180°   | 1455.6 | 1455.6 | 1455.6 | 1455.6 |

(END OF REPORT)