

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: P1032394

Luminaire Tested: S123RDIW-B775D1320UB35-4F0-XX-W2A-A

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1032394  
REPORT IS A COMBINATION OF REPORTS P994669 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDIW-B775D1320UB35-4F0-XX-W2A-A  
Description: Define 3 Regressed Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721}  
{m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

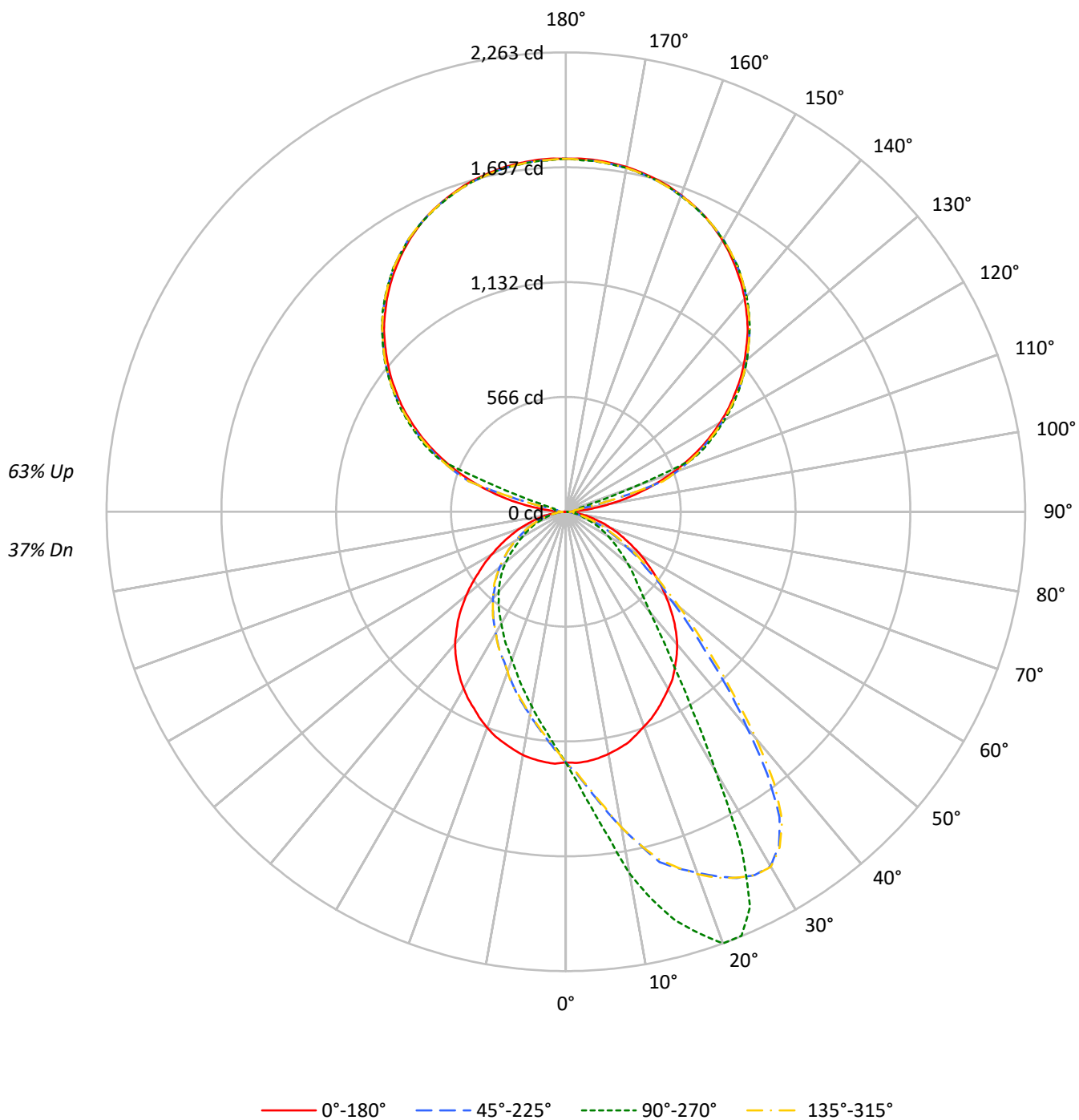
Lumens per Lamp: N/A  
Luminaire Lumens: 8380.0 lumens  
Efficiency: N/A  
Efficacy: 107.4 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 78  
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: P1032394

CATALOG NUMBER: S123RDIW-B775D1320UB35-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1032394

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 76 | 76 | 76 | 59 | 59 | 59 | 44 | 44 | 44 |
| 1   | 95  | 91  | 88  | 84  | 86 | 83 | 80 | 77 | 67 | 65 | 63 | 53 | 51 | 50 | 39 | 39 | 38 |
| 2   | 87  | 80  | 74  | 69  | 79 | 73 | 68 | 64 | 59 | 56 | 53 | 47 | 45 | 43 | 35 | 34 | 33 |
| 3   | 80  | 71  | 64  | 58  | 72 | 64 | 59 | 54 | 53 | 48 | 45 | 42 | 39 | 36 | 32 | 30 | 28 |
| 4   | 73  | 63  | 55  | 50  | 66 | 57 | 51 | 46 | 47 | 42 | 39 | 37 | 34 | 32 | 29 | 26 | 25 |
| 5   | 67  | 56  | 48  | 43  | 61 | 51 | 45 | 40 | 42 | 37 | 33 | 34 | 30 | 28 | 26 | 24 | 22 |
| 6   | 62  | 50  | 43  | 37  | 56 | 46 | 39 | 34 | 38 | 33 | 29 | 31 | 27 | 24 | 24 | 21 | 19 |
| 7   | 57  | 45  | 38  | 33  | 52 | 42 | 35 | 30 | 35 | 30 | 26 | 28 | 24 | 22 | 22 | 19 | 17 |
| 8   | 53  | 41  | 34  | 29  | 48 | 38 | 31 | 27 | 32 | 27 | 23 | 26 | 22 | 19 | 20 | 17 | 16 |
| 9   | 49  | 38  | 30  | 26  | 45 | 35 | 28 | 24 | 29 | 24 | 21 | 23 | 20 | 17 | 18 | 16 | 14 |
| 10  | 46  | 35  | 28  | 23  | 42 | 32 | 26 | 21 | 27 | 22 | 19 | 22 | 18 | 16 | 17 | 15 | 13 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 13292 | 13292 | 13292 | 13292 |
| 5°  | 13303 | 15310 | 13337 | 11357 |
| 10° | 13186 | 18481 | 13242 | 9920  |
| 15° | 13050 | 20974 | 13050 | 8747  |
| 20° | 12782 | 22624 | 12854 | 7759  |
| 25° | 12586 | 21495 | 12562 | 7080  |
| 30° | 12359 | 14892 | 12332 | 6416  |
| 35° | 12084 | 9562  | 12030 | 5915  |
| 40° | 11742 | 6752  | 11684 | 5417  |
| 45° | 11149 | 5403  | 11132 | 4932  |
| 50° | 10419 | 4520  | 10384 | 4365  |
| 55° | 9598  | 3725  | 9522  | 3700  |
| 60° | 8792  | 3079  | 8706  | 3146  |
| 65° | 7847  | 2464  | 7898  | 2667  |
| 70° | 6973  | 1712  | 7162  | 2156  |
| 75° | 5911  | 1270  | 6155  | 1658  |
| 80° | 4707  | 842   | 5109  | 1244  |
| 85° | 3352  | 399   | 3660  | 774   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 17746 cd/sqm

TEST NUMBER: P1032394

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 121.3  | 1.4       |
| 10°-20°   | 379.6  | 4.5       |
| 20°-30°   | 597.9  | 7.1       |
| 30°-40°   | 621.7  | 7.4       |
| 40°-50°   | 531.9  | 6.3       |
| 50°-60°   | 405.5  | 4.8       |
| 60°-70°   | 259.8  | 3.1       |
| 70°-80°   | 124.5  | 1.5       |
| 80°-90°   | 36.2   | 0.4       |
| 90°-100°  | 61.3   | 0.7       |
| 100°-110° | 296.5  | 3.5       |
| 110°-120° | 726.6  | 8.7       |
| 120°-130° | 922.4  | 11.0      |
| 130°-140° | 985.3  | 11.8      |
| 140°-150° | 921.4  | 11.0      |
| 150°-160° | 743.2  | 8.9       |
| 160°-170° | 479.6  | 5.7       |
| 170°-180° | 165.3  | 2.0       |
| 0°-30°    | 1098.8 | 13.1      |
| 0°-40°    | 1720.5 | 20.5      |
| 0°-60°    | 2658.0 | 31.7      |
| 0°-90°    | 3078.5 | 36.7      |
| 90°-120°  | 1084.4 | 12.9      |
| 90°-150°  | 3913.4 | 46.7      |
| 90°-180°  | 5302.0 | 63.3      |
| 0°-180°   | 8380.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1235 | 1235 | 1235 | 1235 | 1235 |      |
| 5°   | 1234 | 1466 | 1237 | 1088 | 1234 | 117  |
| 15°  | 1179 | 2084 | 1179 | 869  | 1179 | 332  |
| 25°  | 1072 | 2147 | 1070 | 707  | 1072 | 494  |
| 35°  | 936  | 932  | 932  | 576  | 936  | 586  |
| 45°  | 751  | 497  | 750  | 454  | 751  | 578  |
| 55°  | 530  | 312  | 526  | 310  | 530  | 475  |
| 65°  | 325  | 180  | 327  | 194  | 325  | 324  |
| 75°  | 155  | 76   | 162  | 99   | 155  | 168  |
| 85°  | 35   | 18   | 38   | 35   | 35   | 39   |
| 90°  | 1    | 39   | 1    | 39   | 1    | 6    |
| 95°  | 79   | 49   | 79   | 49   | 79   | 94   |
| 105° | 385  | 57   | 385  | 57   | 385  | 408  |
| 115° | 722  | 760  | 722  | 760  | 722  | 713  |
| 125° | 1018 | 1039 | 1018 | 1039 | 1018 | 910  |
| 135° | 1267 | 1280 | 1267 | 1280 | 1267 | 976  |
| 145° | 1462 | 1477 | 1462 | 1477 | 1462 | 916  |
| 155° | 1611 | 1608 | 1611 | 1608 | 1611 | 742  |
| 165° | 1699 | 1695 | 1699 | 1695 | 1699 | 480  |
| 175° | 1739 | 1733 | 1739 | 1733 | 1739 | 166  |
| 180° | 1739 | 1739 | 1739 | 1739 | 1739 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 |
| 2.5°   | 1238.1 | 1246.5 | 1252.9 | 1257.1 | 1267.7 | 1274.0 | 1279.3 | 1288.8 | 1288.8 | 1290.9 | 1295.2 |
| 5°     | 1233.9 | 1251.8 | 1264.5 | 1281.4 | 1303.6 | 1314.2 | 1329.0 | 1341.7 | 1359.7 | 1369.2 | 1378.7 |
| 7.5°   | 1224.3 | 1249.7 | 1276.1 | 1301.5 | 1334.3 | 1355.4 | 1370.2 | 1403.0 | 1426.3 | 1454.8 | 1477.0 |
| 10°    | 1211.7 | 1246.5 | 1280.4 | 1319.5 | 1363.9 | 1395.6 | 1417.8 | 1461.2 | 1505.6 | 1545.8 | 1579.6 |
| 12.5°  | 1195.8 | 1238.1 | 1286.7 | 1334.3 | 1396.7 | 1428.4 | 1464.3 | 1518.3 | 1581.7 | 1632.5 | 1677.9 |
| 15°    | 1178.9 | 1227.5 | 1282.5 | 1340.6 | 1418.9 | 1463.3 | 1515.1 | 1580.6 | 1651.5 | 1724.4 | 1786.8 |
| 17.5°  | 1152.4 | 1213.8 | 1275.1 | 1359.7 | 1451.7 | 1478.1 | 1522.5 | 1612.4 | 1700.1 | 1765.7 | 1841.8 |
| 20°    | 1126.0 | 1194.7 | 1271.9 | 1348.0 | 1447.4 | 1508.7 | 1550.0 | 1645.1 | 1739.2 | 1818.5 | 1891.5 |
| 22.5°  | 1101.7 | 1173.6 | 1253.9 | 1350.2 | 1443.2 | 1504.5 | 1556.3 | 1655.7 | 1764.6 | 1853.4 | 1943.3 |
| 25°    | 1072.1 | 1150.3 | 1239.1 | 1330.1 | 1443.2 | 1489.7 | 1546.8 | 1662.1 | 1777.3 | 1879.9 | 1990.9 |
| 27.5°  | 1040.4 | 1119.7 | 1207.4 | 1300.5 | 1404.1 | 1472.8 | 1528.8 | 1652.5 | 1793.2 | 1903.1 | 2017.3 |
| 30°    | 1008.7 | 1090.1 | 1174.6 | 1258.2 | 1374.5 | 1440.0 | 1504.5 | 1640.9 | 1801.6 | 1927.4 | 2015.2 |
| 32.5°  | 978.0  | 1046.7 | 1130.2 | 1211.7 | 1326.9 | 1398.8 | 1471.7 | 1629.3 | 1804.8 | 1910.5 | 1952.8 |
| 35°    | 935.7  | 1007.6 | 1075.3 | 1162.0 | 1278.3 | 1349.1 | 1434.7 | 1628.2 | 1791.0 | 1856.6 | 1835.5 |
| 37.5°  | 896.6  | 956.8  | 1021.3 | 1098.5 | 1218.0 | 1310.0 | 1398.8 | 1600.7 | 1745.6 | 1749.8 | 1630.3 |
| 40°    | 853.2  | 902.9  | 956.8  | 1038.3 | 1167.2 | 1258.2 | 1354.4 | 1558.4 | 1663.1 | 1600.7 | 1390.3 |
| 42.5°  | 803.5  | 847.9  | 890.2  | 969.5  | 1110.2 | 1211.7 | 1315.3 | 1505.6 | 1543.6 | 1399.8 | 1181.0 |
| 45°    | 750.7  | 786.6  | 825.7  | 909.3  | 1049.9 | 1150.3 | 1253.9 | 1424.2 | 1385.0 | 1182.0 | 973.8  |
| 47.5°  | 695.7  | 726.4  | 764.4  | 840.5  | 985.4  | 1087.9 | 1186.3 | 1307.9 | 1208.5 | 990.7  | 816.2  |
| 50°    | 640.7  | 665.0  | 702.0  | 780.3  | 919.8  | 1012.9 | 1103.8 | 1183.1 | 1043.5 | 850.1  | 674.5  |
| 52.5°  | 586.8  | 605.8  | 643.9  | 710.5  | 845.8  | 934.6  | 1000.2 | 1030.9 | 889.2  | 702.0  | 585.7  |
| 55°    | 529.7  | 550.8  | 576.2  | 643.9  | 778.2  | 843.7  | 887.1  | 886.0  | 740.1  | 595.3  | 484.2  |
| 57.5°  | 474.7  | 493.8  | 516.0  | 583.6  | 692.5  | 736.9  | 773.9  | 756.0  | 617.5  | 487.4  | 415.5  |
| 60°    | 426.1  | 436.7  | 461.0  | 518.1  | 600.5  | 638.6  | 659.7  | 629.1  | 504.3  | 411.3  | 343.6  |
| 62.5°  | 373.2  | 383.8  | 403.9  | 457.8  | 508.6  | 528.6  | 546.6  | 507.5  | 416.6  | 335.2  | 293.9  |
| 65°    | 324.6  | 338.3  | 351.0  | 394.4  | 421.9  | 446.2  | 444.1  | 411.3  | 325.6  | 272.8  | 238.9  |
| 67.5°  | 282.3  | 287.6  | 298.2  | 324.6  | 337.3  | 355.2  | 356.3  | 319.3  | 262.2  | 222.0  | 201.9  |
| 70°    | 236.8  | 242.1  | 249.5  | 262.2  | 270.7  | 274.9  | 272.8  | 240.0  | 197.7  | 173.4  | 155.4  |
| 72.5°  | 197.7  | 196.7  | 201.9  | 201.9  | 210.4  | 209.3  | 203.0  | 177.6  | 150.1  | 130.0  | 119.5  |
| 75°    | 155.4  | 156.5  | 157.5  | 155.4  | 152.2  | 148.0  | 142.7  | 123.7  | 105.7  | 96.2   | 86.7   |
| 77.5°  | 121.6  | 119.5  | 120.5  | 113.1  | 108.9  | 104.7  | 97.3   | 87.8   | 73.0   | 70.8   | 66.6   |
| 80°    | 86.7   | 85.6   | 84.6   | 81.4   | 71.9   | 67.7   | 62.4   | 57.1   | 53.9   | 51.8   | 50.7   |
| 82.5°  | 58.2   | 58.2   | 56.0   | 49.7   | 44.4   | 41.2   | 40.2   | 38.1   | 34.9   | 34.9   | 33.8   |
| 85°    | 34.9   | 33.8   | 31.7   | 25.4   | 22.2   | 22.2   | 22.2   | 22.2   | 20.1   | 20.1   | 19.0   |
| 87.5°  | 13.7   | 12.7   | 9.5    | 9.5    | 8.5    | 8.5    | 8.5    | 7.4    | 7.4    | 6.3    | 6.3    |
| 90°    | 1.3    | 4.2    | 7.0    | 9.9    | 12.8   | 14.2   | 16.1   | 19.8   | 23.5   | 27.3   | 31.0   |
| 92.5°  | 29.7   | 28.0   | 26.3   | 24.6   | 22.9   | 22.0   | 23.3   | 25.9   | 28.4   | 31.0   | 33.6   |
| 95°    | 78.8   | 67.0   | 55.2   | 43.5   | 31.7   | 25.8   | 27.4   | 30.6   | 33.7   | 36.9   | 40.1   |
| 97.5°  | 143.4  | 135.4  | 127.3  | 119.3  | 111.2  | 107.2  | 99.9   | 85.2   | 70.6   | 55.9   | 41.3   |
| 100°   | 218.3  | 224.1  | 229.8  | 235.6  | 241.3  | 244.2  | 221.8  | 177.0  | 132.2  | 87.4   | 42.6   |
| 102.5° | 303.6  | 307.3  | 311.1  | 314.8  | 318.5  | 320.4  | 295.4  | 245.5  | 195.5  | 145.6  | 95.6   |
| 105°   | 385.0  | 388.2  | 391.3  | 394.5  | 397.6  | 399.2  | 386.3  | 360.4  | 334.6  | 308.7  | 282.9  |
| 107.5° | 471.6  | 474.2  | 476.8  | 479.3  | 481.9  | 483.2  | 485.4  | 489.7  | 494.0  | 498.3  | 502.6  |
| 110°   | 558.1  | 560.4  | 562.7  | 565.0  | 567.3  | 568.5  | 570.1  | 573.2  | 576.4  | 579.5  | 582.7  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 640.8  | 642.8  | 644.8  | 646.9  | 648.9  | 649.9  | 651.5  | 654.6  | 657.8  | 660.9  | 664.1  |
| 115°   | 722.2  | 723.9  | 725.7  | 727.4  | 729.1  | 730.0  | 731.3  | 733.9  | 736.4  | 739.0  | 741.6  |
| 117.5° | 802.3  | 804.3  | 806.3  | 808.4  | 810.4  | 811.4  | 812.1  | 813.5  | 815.0  | 816.4  | 817.8  |
| 120°   | 876.0  | 878.6  | 881.2  | 883.7  | 886.3  | 887.6  | 888.0  | 888.9  | 889.8  | 890.6  | 891.5  |
| 122.5° | 950.9  | 952.9  | 954.9  | 956.9  | 958.9  | 959.9  | 960.5  | 961.6  | 962.8  | 963.9  | 965.1  |
| 125°   | 1018.1 | 1020.4 | 1022.7 | 1025.0 | 1027.3 | 1028.4 | 1029.0 | 1030.1 | 1031.3 | 1032.4 | 1033.6 |
| 127.5° | 1085.3 | 1087.6 | 1089.9 | 1092.2 | 1094.5 | 1095.6 | 1096.3 | 1097.8 | 1099.2 | 1100.7 | 1102.1 |
| 130°   | 1147.3 | 1149.6 | 1151.9 | 1154.2 | 1156.5 | 1157.6 | 1158.2 | 1159.3 | 1160.5 | 1161.6 | 1162.8 |
| 132.5° | 1206.7 | 1209.0 | 1211.3 | 1213.6 | 1215.9 | 1217.1 | 1217.5 | 1218.4 | 1219.2 | 1220.1 | 1220.9 |
| 135°   | 1267.4 | 1269.1 | 1270.9 | 1272.6 | 1274.3 | 1275.2 | 1275.8 | 1276.9 | 1278.1 | 1279.2 | 1280.4 |
| 137.5° | 1319.1 | 1321.4 | 1323.7 | 1326.0 | 1328.3 | 1329.5 | 1329.8 | 1330.3 | 1330.9 | 1331.4 | 1332.0 |
| 140°   | 1370.8 | 1372.5 | 1374.2 | 1375.9 | 1377.6 | 1378.5 | 1378.9 | 1379.8 | 1380.7 | 1381.5 | 1382.4 |
| 142.5° | 1418.6 | 1420.3 | 1422.1 | 1423.8 | 1425.5 | 1426.4 | 1426.8 | 1427.7 | 1428.5 | 1429.4 | 1430.2 |
| 145°   | 1462.5 | 1464.5 | 1466.5 | 1468.6 | 1470.6 | 1471.6 | 1471.9 | 1472.5 | 1473.0 | 1473.6 | 1474.2 |
| 147.5° | 1505.2 | 1506.6 | 1508.0 | 1509.5 | 1510.9 | 1511.6 | 1511.9 | 1512.5 | 1513.0 | 1513.6 | 1514.2 |
| 150°   | 1543.9 | 1544.8 | 1545.6 | 1546.5 | 1547.4 | 1547.8 | 1548.1 | 1548.7 | 1549.2 | 1549.8 | 1550.4 |
| 152.5° | 1578.8 | 1579.1 | 1579.4 | 1579.7 | 1580.0 | 1580.1 | 1580.2 | 1580.5 | 1580.8 | 1581.1 | 1581.4 |
| 155°   | 1611.1 | 1610.5 | 1609.9 | 1609.4 | 1608.8 | 1608.5 | 1608.6 | 1608.9 | 1609.2 | 1609.5 | 1609.8 |
| 157.5° | 1636.9 | 1636.9 | 1636.9 | 1636.9 | 1636.9 | 1636.9 | 1636.8 | 1636.5 | 1636.2 | 1636.0 | 1635.7 |
| 160°   | 1660.2 | 1659.9 | 1659.6 | 1659.3 | 1659.0 | 1658.9 | 1658.8 | 1658.5 | 1658.2 | 1657.9 | 1657.6 |
| 162.5° | 1682.2 | 1681.3 | 1680.5 | 1679.6 | 1678.7 | 1678.3 | 1678.2 | 1677.9 | 1677.6 | 1677.3 | 1677.0 |
| 165°   | 1699.0 | 1698.1 | 1697.3 | 1696.4 | 1695.5 | 1695.1 | 1695.0 | 1694.7 | 1694.4 | 1694.1 | 1693.8 |
| 167.5° | 1713.2 | 1712.0 | 1710.9 | 1709.7 | 1708.6 | 1708.0 | 1708.0 | 1708.0 | 1708.0 | 1708.0 | 1708.0 |
| 170°   | 1724.8 | 1723.6 | 1722.5 | 1721.3 | 1720.2 | 1719.6 | 1719.6 | 1719.6 | 1719.6 | 1719.6 | 1719.6 |
| 172.5° | 1732.6 | 1731.2 | 1729.7 | 1728.3 | 1726.8 | 1726.1 | 1726.2 | 1726.5 | 1726.8 | 1727.1 | 1727.4 |
| 175°   | 1739.0 | 1737.6 | 1736.2 | 1734.7 | 1733.3 | 1732.6 | 1732.7 | 1733.0 | 1733.3 | 1733.5 | 1733.8 |
| 177.5° | 1741.6 | 1740.2 | 1738.7 | 1737.3 | 1735.8 | 1735.1 | 1735.2 | 1735.5 | 1735.8 | 1736.1 | 1736.4 |
| 180°   | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 |
| 2.5°   | 1303.6 | 1303.6 | 1313.2 | 1322.7 | 1317.4 | 1320.6 | 1332.2 | 1328.0 | 1336.4 | 1335.4 | 1338.5 |
| 5°     | 1402.0 | 1413.6 | 1423.1 | 1443.2 | 1446.4 | 1443.2 | 1463.3 | 1468.6 | 1478.1 | 1466.5 | 1471.7 |
| 7.5°   | 1513.0 | 1537.3 | 1560.6 | 1590.2 | 1599.7 | 1601.8 | 1612.4 | 1627.2 | 1639.9 | 1616.6 | 1628.2 |
| 10°    | 1620.8 | 1657.8 | 1705.4 | 1731.8 | 1755.1 | 1763.6 | 1772.0 | 1781.5 | 1796.3 | 1810.1 | 1799.5 |
| 12.5°  | 1737.1 | 1791.0 | 1836.5 | 1884.1 | 1912.6 | 1909.5 | 1933.8 | 1940.1 | 1951.8 | 1954.9 | 1959.2 |
| 15°    | 1832.3 | 1908.4 | 1937.0 | 2007.8 | 2014.1 | 2035.3 | 2062.8 | 2087.1 | 2090.3 | 2083.9 | 2083.9 |
| 17.5°  | 1923.2 | 1988.8 | 2039.5 | 2096.6 | 2108.2 | 2126.2 | 2161.1 | 2172.7 | 2177.0 | 2175.9 | 2175.9 |
| 20°    | 1997.2 | 2040.6 | 2126.2 | 2173.8 | 2192.8 | 2216.1 | 2240.4 | 2255.2 | 2258.4 | 2262.6 | 2256.3 |
| 22.5°  | 2045.9 | 2111.4 | 2181.2 | 2220.3 | 2236.2 | 2244.6 | 2260.5 | 2264.7 | 2259.4 | 2260.5 | 2261.5 |
| 25°    | 2083.9 | 2148.4 | 2190.7 | 2201.3 | 2200.2 | 2189.6 | 2178.0 | 2157.9 | 2155.8 | 2147.4 | 2130.4 |
| 27.5°  | 2094.5 | 2118.8 | 2113.5 | 2070.2 | 2026.8 | 2022.6 | 1952.8 | 1914.7 | 1871.4 | 1877.7 | 1853.4 |
| 30°    | 2037.4 | 2005.7 | 1930.6 | 1820.6 | 1775.2 | 1701.2 | 1622.9 | 1541.5 | 1509.8 | 1474.9 | 1539.4 |
| 32.5°  | 1897.8 | 1784.7 | 1651.5 | 1508.7 | 1432.6 | 1367.1 | 1283.5 | 1224.3 | 1190.5 | 1162.0 | 1216.9 |
| 35°    | 1687.4 | 1510.9 | 1334.3 | 1199.0 | 1136.6 | 1077.4 | 999.1  | 969.5  | 927.2  | 931.5  | 936.8  |
| 37.5°  | 1416.8 | 1222.2 | 1089.0 | 955.8  | 914.6  | 890.2  | 833.1  | 787.7  | 772.9  | 768.6  | 768.6  |
| 40°    | 1163.0 | 1003.4 | 885.0  | 780.3  | 748.6  | 728.5  | 683.0  | 661.9  | 646.0  | 641.8  | 647.1  |
| 42.5°  | 962.1  | 825.7  | 733.8  | 664.0  | 641.8  | 616.4  | 597.4  | 570.9  | 567.8  | 560.4  | 569.9  |
| 45°    | 807.8  | 689.4  | 620.6  | 569.9  | 550.8  | 541.3  | 520.2  | 504.3  | 498.0  | 496.9  | 504.3  |
| 47.5°  | 685.1  | 593.1  | 532.9  | 501.2  | 486.4  | 476.8  | 458.9  | 452.5  | 446.2  | 448.3  | 445.1  |
| 50°    | 575.2  | 506.4  | 467.3  | 438.8  | 429.3  | 419.7  | 408.1  | 401.8  | 398.6  | 398.6  | 397.5  |
| 52.5°  | 493.8  | 436.7  | 411.3  | 384.9  | 380.6  | 375.3  | 362.6  | 358.4  | 353.1  | 352.1  | 356.3  |
| 55°    | 422.9  | 383.8  | 358.4  | 342.6  | 338.3  | 327.8  | 322.5  | 317.2  | 314.0  | 311.9  | 313.0  |
| 57.5°  | 361.6  | 332.0  | 315.1  | 301.3  | 293.9  | 289.7  | 280.2  | 279.1  | 277.0  | 277.0  | 276.0  |
| 60°    | 310.8  | 289.7  | 269.6  | 261.2  | 255.9  | 250.6  | 249.5  | 243.2  | 240.0  | 242.1  | 241.1  |
| 62.5°  | 263.3  | 246.3  | 234.7  | 225.2  | 222.0  | 217.8  | 214.6  | 212.5  | 209.3  | 210.4  | 210.4  |
| 65°    | 219.9  | 206.2  | 197.7  | 189.3  | 188.2  | 184.0  | 182.9  | 180.8  | 180.8  | 179.7  | 181.9  |
| 67.5°  | 180.8  | 171.3  | 163.9  | 158.6  | 155.4  | 156.5  | 152.2  | 149.1  | 149.1  | 148.0  | 151.2  |
| 70°    | 143.8  | 138.5  | 131.1  | 124.8  | 120.5  | 120.5  | 115.2  | 114.2  | 114.2  | 114.2  | 113.1  |
| 72.5°  | 111.0  | 101.5  | 98.3   | 96.2   | 96.2   | 96.2   | 94.1   | 94.1   | 93.0   | 94.1   | 93.0   |
| 75°    | 82.5   | 81.4   | 79.3   | 78.2   | 78.2   | 77.2   | 76.1   | 76.1   | 76.1   | 76.1   | 76.1   |
| 77.5°  | 64.5   | 64.5   | 62.4   | 61.3   | 61.3   | 61.3   | 60.3   | 60.3   | 59.2   | 59.2   | 59.2   |
| 80°    | 47.6   | 47.6   | 45.5   | 45.5   | 45.5   | 44.4   | 44.4   | 44.4   | 45.5   | 44.4   | 44.4   |
| 82.5°  | 32.8   | 32.8   | 31.7   | 32.8   | 31.7   | 30.7   | 30.7   | 30.7   | 29.6   | 30.7   | 30.7   |
| 85°    | 19.0   | 19.0   | 18.0   | 16.9   | 18.0   | 18.0   | 16.9   | 18.0   | 16.9   | 18.0   | 16.9   |
| 87.5°  | 7.4    | 6.3    | 6.3    | 6.3    | 5.3    | 6.3    | 5.3    | 5.3    | 6.3    | 5.3    | 6.3    |
| 90°    | 32.2   | 33.3   | 34.5   | 35.6   | 36.2   | 36.5   | 37.1   | 37.6   | 38.2   | 38.8   | 38.2   |
| 92.5°  | 35.6   | 37.6   | 39.6   | 41.6   | 42.6   | 42.7   | 43.0   | 43.3   | 43.6   | 43.9   | 43.6   |
| 95°    | 42.1   | 44.1   | 46.1   | 48.1   | 49.1   | 49.1   | 49.1   | 49.1   | 49.1   | 49.1   | 49.1   |
| 97.5°  | 43.6   | 45.9   | 48.2   | 50.5   | 51.7   | 51.8   | 52.1   | 52.4   | 52.7   | 53.0   | 52.7   |
| 100°   | 44.9   | 47.2   | 49.5   | 51.8   | 53.0   | 53.1   | 53.4   | 53.7   | 54.0   | 54.3   | 54.0   |
| 102.5° | 86.1   | 76.7   | 67.2   | 57.7   | 53.0   | 53.3   | 53.9   | 54.4   | 55.0   | 55.6   | 55.0   |
| 105°   | 232.1  | 181.3  | 130.5  | 79.7   | 54.3   | 54.6   | 55.1   | 55.7   | 56.2   | 56.8   | 56.2   |
| 107.5° | 458.4  | 414.2  | 369.9  | 325.7  | 303.6  | 284.8  | 247.2  | 209.6  | 172.0  | 134.4  | 172.0  |
| 110°   | 573.2  | 563.7  | 554.2  | 544.7  | 540.0  | 519.5  | 478.4  | 437.4  | 396.3  | 355.3  | 396.3  |



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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 666.7  | 669.3  | 671.8  | 674.4  | 675.7  | 675.4  | 674.8  | 674.3  | 673.7  | 673.1  | 673.7  |
| 115°   | 744.5  | 747.3  | 750.2  | 753.1  | 754.5  | 755.1  | 756.2  | 757.4  | 758.5  | 759.7  | 758.5  |
| 117.5° | 820.1  | 822.4  | 824.7  | 827.0  | 828.2  | 828.3  | 828.6  | 828.9  | 829.2  | 829.5  | 829.2  |
| 120°   | 893.8  | 896.1  | 898.4  | 900.7  | 901.8  | 901.8  | 901.8  | 901.8  | 901.8  | 901.8  | 901.8  |
| 122.5° | 966.5  | 968.0  | 969.4  | 970.9  | 971.6  | 971.7  | 972.0  | 972.3  | 972.6  | 972.9  | 972.6  |
| 125°   | 1034.2 | 1034.8 | 1035.3 | 1035.9 | 1036.2 | 1036.5 | 1037.1 | 1037.6 | 1038.2 | 1038.8 | 1038.2 |
| 127.5° | 1102.9 | 1103.8 | 1104.6 | 1105.5 | 1105.9 | 1105.6 | 1105.1 | 1104.5 | 1104.0 | 1103.4 | 1104.0 |
| 130°   | 1164.0 | 1165.1 | 1166.3 | 1167.4 | 1168.0 | 1167.7 | 1167.1 | 1166.6 | 1166.0 | 1165.4 | 1166.0 |
| 132.5° | 1222.1 | 1223.2 | 1224.4 | 1225.5 | 1226.1 | 1225.7 | 1224.8 | 1223.9 | 1223.1 | 1222.2 | 1223.1 |
| 135°   | 1281.2 | 1282.1 | 1282.9 | 1283.8 | 1284.2 | 1283.8 | 1282.9 | 1282.1 | 1281.2 | 1280.4 | 1281.2 |
| 137.5° | 1333.4 | 1334.9 | 1336.3 | 1337.8 | 1338.5 | 1338.2 | 1337.6 | 1337.1 | 1336.5 | 1335.9 | 1336.5 |
| 140°   | 1383.6 | 1384.7 | 1385.9 | 1387.0 | 1387.6 | 1387.3 | 1386.7 | 1386.2 | 1385.6 | 1385.0 | 1385.6 |
| 142.5° | 1431.1 | 1431.9 | 1432.8 | 1433.7 | 1434.1 | 1433.7 | 1432.8 | 1431.9 | 1431.1 | 1430.2 | 1431.1 |
| 145°   | 1474.8 | 1475.3 | 1475.9 | 1476.4 | 1476.7 | 1476.7 | 1476.7 | 1476.7 | 1476.7 | 1476.7 | 1476.7 |
| 147.5° | 1514.8 | 1515.4 | 1515.9 | 1516.5 | 1516.8 | 1516.1 | 1514.6 | 1513.2 | 1511.7 | 1510.3 | 1511.7 |
| 150°   | 1551.0 | 1551.6 | 1552.1 | 1552.7 | 1553.0 | 1552.6 | 1551.7 | 1550.8 | 1550.0 | 1549.1 | 1550.0 |
| 152.5° | 1582.6 | 1583.7 | 1584.9 | 1586.0 | 1586.6 | 1585.9 | 1584.4 | 1583.0 | 1581.5 | 1580.1 | 1581.5 |
| 155°   | 1611.2 | 1612.7 | 1614.1 | 1615.6 | 1616.3 | 1615.4 | 1613.7 | 1612.0 | 1610.2 | 1608.5 | 1610.2 |
| 157.5° | 1637.4 | 1639.1 | 1640.8 | 1642.5 | 1643.4 | 1642.3 | 1640.0 | 1637.7 | 1635.4 | 1633.1 | 1635.4 |
| 160°   | 1659.3 | 1661.1 | 1662.8 | 1664.5 | 1665.4 | 1664.4 | 1662.4 | 1660.3 | 1658.3 | 1656.3 | 1658.3 |
| 162.5° | 1679.0 | 1681.0 | 1683.0 | 1685.0 | 1686.0 | 1685.1 | 1683.4 | 1681.7 | 1680.0 | 1678.3 | 1680.0 |
| 165°   | 1696.1 | 1698.4 | 1700.7 | 1703.0 | 1704.1 | 1703.1 | 1701.1 | 1699.1 | 1697.1 | 1695.1 | 1697.1 |
| 167.5° | 1710.3 | 1712.6 | 1714.9 | 1717.2 | 1718.3 | 1717.2 | 1714.9 | 1712.6 | 1710.3 | 1708.0 | 1710.3 |
| 170°   | 1721.9 | 1724.2 | 1726.5 | 1728.8 | 1730.0 | 1728.8 | 1726.5 | 1724.2 | 1721.9 | 1719.6 | 1721.9 |
| 172.5° | 1729.7 | 1732.0 | 1734.3 | 1736.6 | 1737.7 | 1736.4 | 1733.8 | 1731.3 | 1728.7 | 1726.1 | 1728.7 |
| 175°   | 1735.8 | 1737.8 | 1739.9 | 1741.9 | 1742.9 | 1741.8 | 1739.5 | 1737.2 | 1734.9 | 1732.6 | 1734.9 |
| 177.5° | 1738.7 | 1741.0 | 1743.3 | 1745.6 | 1746.8 | 1745.4 | 1742.5 | 1739.6 | 1736.7 | 1733.8 | 1736.7 |
| 180°   | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 |

TEST NUMBER: P1032394

CATALOG NUMBER: S123RDIW-B775D1320UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 |
| 2.5°   | 1333.2 | 1326.9 | 1322.7 | 1319.5 | 1316.3 | 1325.8 | 1313.2 | 1299.4 | 1289.9 | 1283.5 | 1281.4 |
| 5°     | 1472.8 | 1459.1 | 1447.4 | 1437.9 | 1440.0 | 1440.0 | 1417.8 | 1393.5 | 1372.4 | 1360.7 | 1348.0 |
| 7.5°   | 1634.6 | 1619.8 | 1596.5 | 1591.2 | 1587.0 | 1560.6 | 1538.4 | 1493.9 | 1467.5 | 1441.1 | 1417.8 |
| 10°    | 1795.3 | 1776.2 | 1754.0 | 1746.6 | 1736.1 | 1703.3 | 1669.5 | 1612.4 | 1579.6 | 1531.0 | 1500.3 |
| 12.5°  | 1945.4 | 1922.1 | 1899.9 | 1894.7 | 1878.8 | 1850.3 | 1792.1 | 1732.9 | 1676.9 | 1625.1 | 1571.1 |
| 15°    | 2071.2 | 2064.9 | 2031.1 | 2009.9 | 1975.0 | 1935.9 | 1923.2 | 1842.9 | 1772.0 | 1718.1 | 1620.8 |
| 17.5°  | 2177.0 | 2147.4 | 2115.6 | 2101.9 | 2088.1 | 2042.7 | 1997.2 | 1914.7 | 1838.6 | 1759.3 | 1696.9 |
| 20°    | 2261.5 | 2228.8 | 2206.6 | 2186.5 | 2180.1 | 2128.3 | 2056.4 | 1983.5 | 1899.9 | 1811.1 | 1729.7 |
| 22.5°  | 2265.8 | 2261.5 | 2246.7 | 2235.1 | 2222.4 | 2188.6 | 2131.5 | 2040.6 | 1951.8 | 1854.5 | 1747.7 |
| 25°    | 2178.0 | 2171.7 | 2214.0 | 2203.4 | 2211.8 | 2199.2 | 2168.5 | 2092.4 | 1988.8 | 1874.6 | 1766.7 |
| 27.5°  | 1913.7 | 1978.2 | 2044.8 | 2068.1 | 2083.9 | 2129.4 | 2144.2 | 2101.9 | 2018.4 | 1896.8 | 1776.2 |
| 30°    | 1554.2 | 1639.9 | 1747.7 | 1805.8 | 1850.3 | 1934.8 | 2044.8 | 2058.5 | 2019.4 | 1922.1 | 1774.1 |
| 32.5°  | 1220.1 | 1298.3 | 1385.0 | 1453.8 | 1513.0 | 1686.4 | 1834.4 | 1941.2 | 1960.2 | 1909.5 | 1779.4 |
| 35°    | 983.3  | 1017.1 | 1099.6 | 1165.1 | 1245.5 | 1393.5 | 1568.0 | 1740.3 | 1856.6 | 1862.9 | 1763.6 |
| 37.5°  | 810.9  | 828.9  | 900.8  | 937.8  | 985.4  | 1115.4 | 1278.3 | 1503.5 | 1684.3 | 1769.9 | 1719.2 |
| 40°    | 671.4  | 712.6  | 753.8  | 775.0  | 808.8  | 898.7  | 1055.2 | 1231.7 | 1455.9 | 1614.5 | 1650.4 |
| 42.5°  | 582.6  | 600.5  | 627.0  | 656.6  | 677.7  | 756.0  | 860.6  | 1022.4 | 1224.3 | 1445.3 | 1544.7 |
| 45°    | 513.8  | 520.2  | 547.7  | 566.7  | 588.9  | 643.9  | 717.9  | 853.2  | 1030.9 | 1248.7 | 1417.8 |
| 47.5°  | 456.7  | 469.4  | 484.2  | 495.9  | 510.7  | 553.0  | 616.4  | 714.7  | 871.2  | 1065.7 | 1247.6 |
| 50°    | 406.0  | 413.4  | 432.4  | 437.7  | 448.3  | 477.9  | 526.5  | 601.6  | 730.6  | 886.0  | 1074.2 |
| 52.5°  | 358.4  | 372.2  | 379.6  | 387.0  | 396.5  | 420.8  | 452.5  | 513.8  | 611.1  | 757.0  | 916.7  |
| 55°    | 321.4  | 325.6  | 336.2  | 342.6  | 350.0  | 366.9  | 394.4  | 439.8  | 516.0  | 632.3  | 783.5  |
| 57.5°  | 285.5  | 285.5  | 296.0  | 301.3  | 308.7  | 321.4  | 345.7  | 380.6  | 435.6  | 522.3  | 660.8  |
| 60°    | 247.4  | 248.5  | 256.9  | 263.3  | 265.4  | 278.1  | 298.2  | 325.6  | 367.9  | 431.4  | 544.5  |
| 62.5°  | 213.6  | 218.9  | 223.1  | 225.2  | 232.6  | 240.0  | 256.9  | 276.0  | 305.6  | 361.6  | 441.9  |
| 65°    | 185.0  | 186.1  | 189.3  | 191.4  | 194.5  | 203.0  | 215.7  | 228.4  | 253.7  | 295.0  | 360.5  |
| 67.5°  | 152.2  | 156.5  | 160.7  | 160.7  | 163.9  | 168.1  | 180.8  | 191.4  | 210.4  | 234.7  | 279.1  |
| 70°    | 114.2  | 116.3  | 122.6  | 125.8  | 130.0  | 137.4  | 143.8  | 150.1  | 164.9  | 182.9  | 216.7  |
| 72.5°  | 95.2   | 95.2   | 97.3   | 98.3   | 98.3   | 103.6  | 113.1  | 119.5  | 126.9  | 139.6  | 162.8  |
| 75°    | 76.1   | 76.1   | 79.3   | 78.2   | 80.4   | 82.5   | 83.5   | 87.8   | 92.0   | 101.5  | 115.2  |
| 77.5°  | 60.3   | 61.3   | 61.3   | 62.4   | 62.4   | 63.4   | 64.5   | 66.6   | 68.7   | 74.0   | 80.4   |
| 80°    | 44.4   | 45.5   | 45.5   | 46.5   | 46.5   | 47.6   | 48.6   | 49.7   | 51.8   | 53.9   | 57.1   |
| 82.5°  | 30.7   | 31.7   | 31.7   | 32.8   | 31.7   | 32.8   | 33.8   | 33.8   | 34.9   | 37.0   | 38.1   |
| 85°    | 18.0   | 18.0   | 19.0   | 18.0   | 18.0   | 18.0   | 19.0   | 19.0   | 20.1   | 23.3   | 23.3   |
| 87.5°  | 5.3    | 6.3    | 5.3    | 6.3    | 6.3    | 6.3    | 6.3    | 7.4    | 7.4    | 8.5    | 9.5    |
| 90°    | 37.6   | 37.1   | 36.5   | 36.2   | 35.6   | 34.5   | 33.3   | 32.2   | 31.0   | 27.3   | 23.5   |
| 92.5°  | 43.3   | 43.0   | 42.7   | 42.6   | 41.6   | 39.6   | 37.6   | 35.6   | 33.6   | 31.0   | 28.4   |
| 95°    | 49.1   | 49.1   | 49.1   | 49.1   | 48.1   | 46.1   | 44.1   | 42.1   | 40.1   | 36.9   | 33.7   |
| 97.5°  | 52.4   | 52.1   | 51.8   | 51.7   | 50.5   | 48.2   | 45.9   | 43.6   | 41.3   | 55.9   | 70.6   |
| 100°   | 53.7   | 53.4   | 53.1   | 53.0   | 51.8   | 49.5   | 47.2   | 44.9   | 42.6   | 87.4   | 132.2  |
| 102.5° | 54.4   | 53.9   | 53.3   | 53.0   | 57.7   | 67.2   | 76.7   | 86.1   | 95.6   | 145.6  | 195.5  |
| 105°   | 55.7   | 55.1   | 54.6   | 54.3   | 79.7   | 130.5  | 181.3  | 232.1  | 282.9  | 308.7  | 334.6  |
| 107.5° | 209.6  | 247.2  | 284.8  | 303.6  | 325.7  | 369.9  | 414.2  | 458.4  | 502.6  | 498.3  | 494.0  |
| 110°   | 437.4  | 478.4  | 519.5  | 540.0  | 544.7  | 554.2  | 563.7  | 573.2  | 582.7  | 579.5  | 576.4  |

TEST NUMBER: P1032394

CATALOG NUMBER: S123RDIW-B775D1320UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 674.3  | 674.8  | 675.4  | 675.7  | 674.4  | 671.8  | 669.3  | 666.7  | 664.1  | 660.9  | 657.8  |
| 115°   | 757.4  | 756.2  | 755.1  | 754.5  | 753.1  | 750.2  | 747.3  | 744.5  | 741.6  | 739.0  | 736.4  |
| 117.5° | 828.9  | 828.6  | 828.3  | 828.2  | 827.0  | 824.7  | 822.4  | 820.1  | 817.8  | 816.4  | 815.0  |
| 120°   | 901.8  | 901.8  | 901.8  | 901.8  | 900.7  | 898.4  | 896.1  | 893.8  | 891.5  | 890.6  | 889.8  |
| 122.5° | 972.3  | 972.0  | 971.7  | 971.6  | 970.9  | 969.4  | 968.0  | 966.5  | 965.1  | 963.9  | 962.8  |
| 125°   | 1037.6 | 1037.1 | 1036.5 | 1036.2 | 1035.9 | 1035.3 | 1034.8 | 1034.2 | 1033.6 | 1032.4 | 1031.3 |
| 127.5° | 1104.5 | 1105.1 | 1105.6 | 1105.9 | 1105.5 | 1104.6 | 1103.8 | 1102.9 | 1102.1 | 1100.7 | 1099.2 |
| 130°   | 1166.6 | 1167.1 | 1167.7 | 1168.0 | 1167.4 | 1166.3 | 1165.1 | 1164.0 | 1162.8 | 1161.6 | 1160.5 |
| 132.5° | 1223.9 | 1224.8 | 1225.7 | 1226.1 | 1225.5 | 1224.4 | 1223.2 | 1222.1 | 1220.9 | 1220.1 | 1219.2 |
| 135°   | 1282.1 | 1282.9 | 1283.8 | 1284.2 | 1283.8 | 1282.9 | 1282.1 | 1281.2 | 1280.4 | 1279.2 | 1278.1 |
| 137.5° | 1337.1 | 1337.6 | 1338.2 | 1338.5 | 1337.8 | 1336.3 | 1334.9 | 1333.4 | 1332.0 | 1331.4 | 1330.9 |
| 140°   | 1386.2 | 1386.7 | 1387.3 | 1387.6 | 1387.0 | 1385.9 | 1384.7 | 1383.6 | 1382.4 | 1381.5 | 1380.7 |
| 142.5° | 1431.9 | 1432.8 | 1433.7 | 1434.1 | 1433.7 | 1432.8 | 1431.9 | 1431.1 | 1430.2 | 1429.4 | 1428.5 |
| 145°   | 1476.7 | 1476.7 | 1476.7 | 1476.7 | 1476.4 | 1475.9 | 1475.3 | 1474.8 | 1474.2 | 1473.6 | 1473.0 |
| 147.5° | 1513.2 | 1514.6 | 1516.1 | 1516.8 | 1516.5 | 1515.9 | 1515.4 | 1514.8 | 1514.2 | 1513.6 | 1513.0 |
| 150°   | 1550.8 | 1551.7 | 1552.6 | 1553.0 | 1552.7 | 1552.1 | 1551.6 | 1551.0 | 1550.4 | 1549.8 | 1549.2 |
| 152.5° | 1583.0 | 1584.4 | 1585.9 | 1586.6 | 1586.0 | 1584.9 | 1583.7 | 1582.6 | 1581.4 | 1581.1 | 1580.8 |
| 155°   | 1612.0 | 1613.7 | 1615.4 | 1616.3 | 1615.6 | 1614.1 | 1612.7 | 1611.2 | 1609.8 | 1609.5 | 1609.2 |
| 157.5° | 1637.7 | 1640.0 | 1642.3 | 1643.4 | 1642.5 | 1640.8 | 1639.1 | 1637.4 | 1635.7 | 1636.0 | 1636.2 |
| 160°   | 1660.3 | 1662.4 | 1664.4 | 1665.4 | 1664.5 | 1662.8 | 1661.1 | 1659.3 | 1657.6 | 1657.9 | 1658.2 |
| 162.5° | 1681.7 | 1683.4 | 1685.1 | 1686.0 | 1685.0 | 1683.0 | 1681.0 | 1679.0 | 1677.0 | 1677.3 | 1677.6 |
| 165°   | 1699.1 | 1701.1 | 1703.1 | 1704.1 | 1703.0 | 1700.7 | 1698.4 | 1696.1 | 1693.8 | 1694.1 | 1694.4 |
| 167.5° | 1712.6 | 1714.9 | 1717.2 | 1718.3 | 1717.2 | 1714.9 | 1712.6 | 1710.3 | 1708.0 | 1708.0 | 1708.0 |
| 170°   | 1724.2 | 1726.5 | 1728.8 | 1730.0 | 1728.8 | 1726.5 | 1724.2 | 1721.9 | 1719.6 | 1719.6 | 1719.6 |
| 172.5° | 1731.3 | 1733.8 | 1736.4 | 1737.7 | 1736.6 | 1734.3 | 1732.0 | 1729.7 | 1727.4 | 1727.1 | 1726.8 |
| 175°   | 1737.2 | 1739.5 | 1741.8 | 1742.9 | 1741.9 | 1739.9 | 1737.8 | 1735.8 | 1733.8 | 1733.5 | 1733.3 |
| 177.5° | 1739.6 | 1742.5 | 1745.4 | 1746.8 | 1745.6 | 1743.3 | 1741.0 | 1738.7 | 1736.4 | 1736.1 | 1735.8 |
| 180°   | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 |
| 2.5°   | 1278.3 | 1273.0 | 1267.7 | 1267.7 | 1256.1 | 1245.5 | 1240.2 | 1242.3 | 1236.0 | 1227.5 | 1219.1 |
| 5°     | 1334.3 | 1313.2 | 1308.9 | 1297.3 | 1281.4 | 1259.2 | 1247.6 | 1237.0 | 1224.3 | 1207.4 | 1191.6 |
| 7.5°   | 1386.1 | 1358.6 | 1343.8 | 1332.2 | 1301.5 | 1270.9 | 1245.5 | 1228.6 | 1206.4 | 1181.0 | 1162.0 |
| 10°    | 1453.8 | 1403.0 | 1387.2 | 1360.7 | 1317.4 | 1274.0 | 1244.4 | 1216.9 | 1186.3 | 1156.7 | 1131.3 |
| 12.5°  | 1507.7 | 1449.5 | 1419.9 | 1393.5 | 1337.5 | 1282.5 | 1232.8 | 1199.0 | 1162.0 | 1129.2 | 1096.4 |
| 15°    | 1569.0 | 1503.5 | 1451.7 | 1419.9 | 1349.1 | 1282.5 | 1226.5 | 1178.9 | 1137.6 | 1097.5 | 1068.9 |
| 17.5°  | 1598.6 | 1516.2 | 1492.9 | 1447.4 | 1344.9 | 1278.3 | 1209.5 | 1158.8 | 1109.1 | 1062.6 | 1028.7 |
| 20°    | 1645.1 | 1548.9 | 1490.8 | 1460.1 | 1369.2 | 1270.9 | 1190.5 | 1132.4 | 1080.5 | 1030.9 | 994.9  |
| 22.5°  | 1648.3 | 1543.6 | 1505.6 | 1447.4 | 1335.4 | 1248.7 | 1173.6 | 1102.8 | 1042.5 | 996.0  | 959.0  |
| 25°    | 1640.9 | 1534.1 | 1481.3 | 1434.7 | 1341.7 | 1236.0 | 1139.8 | 1070.0 | 1010.8 | 956.8  | 913.5  |
| 27.5°  | 1637.7 | 1506.6 | 1456.9 | 1410.4 | 1305.8 | 1199.0 | 1119.7 | 1040.4 | 972.7  | 925.1  | 880.7  |
| 30°    | 1633.5 | 1477.0 | 1416.8 | 1362.8 | 1266.6 | 1170.4 | 1075.3 | 1006.5 | 942.0  | 881.8  | 837.4  |
| 32.5°  | 1606.0 | 1436.9 | 1375.5 | 1318.4 | 1214.8 | 1118.6 | 1043.5 | 970.6  | 900.8  | 844.8  | 804.6  |
| 35°    | 1597.6 | 1399.8 | 1319.5 | 1258.2 | 1156.7 | 1071.0 | 991.7  | 931.5  | 865.9  | 809.9  | 762.3  |
| 37.5°  | 1573.2 | 1361.8 | 1275.1 | 1196.8 | 1091.1 | 1009.7 | 951.6  | 891.3  | 827.9  | 767.6  | 729.5  |
| 40°    | 1531.0 | 1317.4 | 1219.1 | 1138.7 | 1029.8 | 947.3  | 893.4  | 849.0  | 786.6  | 732.7  | 686.2  |
| 42.5°  | 1468.6 | 1271.9 | 1166.2 | 1081.6 | 961.1  | 883.9  | 839.5  | 797.2  | 744.3  | 688.3  | 650.2  |
| 45°    | 1396.7 | 1211.7 | 1113.3 | 1019.2 | 896.6  | 821.5  | 775.0  | 749.6  | 701.0  | 653.4  | 609.0  |
| 47.5°  | 1298.3 | 1149.3 | 1052.0 | 954.7  | 830.0  | 757.0  | 720.0  | 694.6  | 660.8  | 609.0  | 573.1  |
| 50°    | 1174.6 | 1068.9 | 976.9  | 890.2  | 764.4  | 694.6  | 657.6  | 638.6  | 610.1  | 573.1  | 538.2  |
| 52.5°  | 1037.2 | 975.9  | 899.8  | 819.4  | 697.8  | 632.3  | 598.4  | 583.6  | 562.5  | 527.6  | 498.0  |
| 55°    | 898.7  | 872.3  | 820.5  | 741.2  | 628.0  | 574.1  | 544.5  | 525.5  | 509.6  | 484.2  | 458.9  |
| 57.5°  | 775.0  | 762.3  | 726.4  | 665.0  | 569.9  | 513.8  | 488.5  | 475.8  | 463.1  | 444.1  | 418.7  |
| 60°    | 647.1  | 660.8  | 623.8  | 593.1  | 506.4  | 457.8  | 435.6  | 421.9  | 415.5  | 398.6  | 382.7  |
| 62.5°  | 536.0  | 548.7  | 527.6  | 504.3  | 443.0  | 399.7  | 385.9  | 373.2  | 369.0  | 354.2  | 338.3  |
| 65°    | 435.6  | 451.5  | 435.6  | 422.9  | 385.9  | 350.0  | 333.0  | 326.7  | 322.5  | 313.0  | 300.3  |
| 67.5°  | 346.8  | 362.6  | 355.2  | 339.4  | 327.8  | 298.2  | 288.6  | 282.3  | 280.2  | 272.8  | 262.2  |
| 70°    | 261.2  | 283.4  | 285.5  | 276.0  | 265.4  | 251.6  | 245.3  | 243.2  | 237.9  | 231.5  | 225.2  |
| 72.5°  | 188.2  | 213.6  | 214.6  | 214.6  | 208.3  | 208.3  | 201.9  | 198.8  | 198.8  | 192.4  | 185.0  |
| 75°    | 138.5  | 155.4  | 157.5  | 159.7  | 162.8  | 166.0  | 161.8  | 161.8  | 160.7  | 154.4  | 151.2  |
| 77.5°  | 92.0   | 106.8  | 112.1  | 119.5  | 123.7  | 123.7  | 125.8  | 127.9  | 125.8  | 122.6  | 120.5  |
| 80°    | 59.2   | 69.8   | 76.1   | 80.4   | 86.7   | 89.9   | 93.0   | 94.1   | 92.0   | 90.9   | 87.8   |
| 82.5°  | 39.1   | 42.3   | 45.5   | 50.7   | 58.2   | 63.4   | 63.4   | 62.4   | 64.5   | 63.4   | 62.4   |
| 85°    | 22.2   | 24.3   | 25.4   | 26.4   | 30.7   | 35.9   | 37.0   | 38.1   | 40.2   | 38.1   | 35.9   |
| 87.5°  | 8.5    | 9.5    | 9.5    | 9.5    | 11.6   | 12.7   | 15.9   | 20.1   | 19.0   | 16.9   | 16.9   |
| 90°    | 19.8   | 16.1   | 14.2   | 12.8   | 9.9    | 7.0    | 4.2    | 1.3    | 4.2    | 7.0    | 9.9    |
| 92.5°  | 25.9   | 23.3   | 22.0   | 22.9   | 24.6   | 26.3   | 28.0   | 29.7   | 28.0   | 26.3   | 24.6   |
| 95°    | 30.6   | 27.4   | 25.8   | 31.7   | 43.5   | 55.2   | 67.0   | 78.8   | 67.0   | 55.2   | 43.5   |
| 97.5°  | 85.2   | 99.9   | 107.2  | 111.2  | 119.3  | 127.3  | 135.4  | 143.4  | 135.4  | 127.3  | 119.3  |
| 100°   | 177.0  | 221.8  | 244.2  | 241.3  | 235.6  | 229.8  | 224.1  | 218.3  | 224.1  | 229.8  | 235.6  |
| 102.5° | 245.5  | 295.4  | 320.4  | 318.5  | 314.8  | 311.1  | 307.3  | 303.6  | 307.3  | 311.1  | 314.8  |
| 105°   | 360.4  | 386.3  | 399.2  | 397.6  | 394.5  | 391.3  | 388.2  | 385.0  | 388.2  | 391.3  | 394.5  |
| 107.5° | 489.7  | 485.4  | 483.2  | 481.9  | 479.3  | 476.8  | 474.2  | 471.6  | 474.2  | 476.8  | 479.3  |
| 110°   | 573.2  | 570.1  | 568.5  | 567.3  | 565.0  | 562.7  | 560.4  | 558.1  | 560.4  | 562.7  | 565.0  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 654.6  | 651.5  | 649.9  | 648.9  | 646.9  | 644.8  | 642.8  | 640.8  | 642.8  | 644.8  | 646.9  |
| 115°   | 733.9  | 731.3  | 730.0  | 729.1  | 727.4  | 725.7  | 723.9  | 722.2  | 723.9  | 725.7  | 727.4  |
| 117.5° | 813.5  | 812.1  | 811.4  | 810.4  | 808.4  | 806.3  | 804.3  | 802.3  | 804.3  | 806.3  | 808.4  |
| 120°   | 888.9  | 888.0  | 887.6  | 886.3  | 883.7  | 881.2  | 878.6  | 876.0  | 878.6  | 881.2  | 883.7  |
| 122.5° | 961.6  | 960.5  | 959.9  | 958.9  | 956.9  | 954.9  | 952.9  | 950.9  | 952.9  | 954.9  | 956.9  |
| 125°   | 1030.1 | 1029.0 | 1028.4 | 1027.3 | 1025.0 | 1022.7 | 1020.4 | 1018.1 | 1020.4 | 1022.7 | 1025.0 |
| 127.5° | 1097.8 | 1096.3 | 1095.6 | 1094.5 | 1092.2 | 1089.9 | 1087.6 | 1085.3 | 1087.6 | 1089.9 | 1092.2 |
| 130°   | 1159.3 | 1158.2 | 1157.6 | 1156.5 | 1154.2 | 1151.9 | 1149.6 | 1147.3 | 1149.6 | 1151.9 | 1154.2 |
| 132.5° | 1218.4 | 1217.5 | 1217.1 | 1215.9 | 1213.6 | 1211.3 | 1209.0 | 1206.7 | 1209.0 | 1211.3 | 1213.6 |
| 135°   | 1276.9 | 1275.8 | 1275.2 | 1274.3 | 1272.6 | 1270.9 | 1269.1 | 1267.4 | 1269.1 | 1270.9 | 1272.6 |
| 137.5° | 1330.3 | 1329.8 | 1329.5 | 1328.3 | 1326.0 | 1323.7 | 1321.4 | 1319.1 | 1321.4 | 1323.7 | 1326.0 |
| 140°   | 1379.8 | 1378.9 | 1378.5 | 1377.6 | 1375.9 | 1374.2 | 1372.5 | 1370.8 | 1372.5 | 1374.2 | 1375.9 |
| 142.5° | 1427.7 | 1426.8 | 1426.4 | 1425.5 | 1423.8 | 1422.1 | 1420.3 | 1418.6 | 1420.3 | 1422.1 | 1423.8 |
| 145°   | 1472.5 | 1471.9 | 1471.6 | 1470.6 | 1468.6 | 1466.5 | 1464.5 | 1462.5 | 1464.5 | 1466.5 | 1468.6 |
| 147.5° | 1512.5 | 1511.9 | 1511.6 | 1510.9 | 1509.5 | 1508.0 | 1506.6 | 1505.2 | 1506.6 | 1508.0 | 1509.5 |
| 150°   | 1548.7 | 1548.1 | 1547.8 | 1547.4 | 1546.5 | 1545.6 | 1544.8 | 1543.9 | 1544.8 | 1545.6 | 1546.5 |
| 152.5° | 1580.5 | 1580.2 | 1580.1 | 1580.0 | 1579.7 | 1579.4 | 1579.1 | 1578.8 | 1579.1 | 1579.4 | 1579.7 |
| 155°   | 1608.9 | 1608.6 | 1608.5 | 1608.8 | 1609.4 | 1609.9 | 1610.5 | 1611.1 | 1610.5 | 1609.9 | 1609.4 |
| 157.5° | 1636.5 | 1636.8 | 1636.9 | 1636.9 | 1636.9 | 1636.9 | 1636.9 | 1636.9 | 1636.9 | 1636.9 | 1636.9 |
| 160°   | 1658.5 | 1658.8 | 1658.9 | 1659.0 | 1659.3 | 1659.6 | 1659.9 | 1660.2 | 1659.9 | 1659.6 | 1659.3 |
| 162.5° | 1677.9 | 1678.2 | 1678.3 | 1678.7 | 1679.6 | 1680.5 | 1681.3 | 1682.2 | 1681.3 | 1680.5 | 1679.6 |
| 165°   | 1694.7 | 1695.0 | 1695.1 | 1695.5 | 1696.4 | 1697.3 | 1698.1 | 1699.0 | 1698.1 | 1697.3 | 1696.4 |
| 167.5° | 1708.0 | 1708.0 | 1708.0 | 1708.6 | 1709.7 | 1710.9 | 1712.0 | 1713.2 | 1712.0 | 1710.9 | 1709.7 |
| 170°   | 1719.6 | 1719.6 | 1719.6 | 1720.2 | 1721.3 | 1722.5 | 1723.6 | 1724.8 | 1723.6 | 1722.5 | 1721.3 |
| 172.5° | 1726.5 | 1726.2 | 1726.1 | 1726.8 | 1728.3 | 1729.7 | 1731.2 | 1732.6 | 1731.2 | 1729.7 | 1728.3 |
| 175°   | 1733.0 | 1732.7 | 1732.6 | 1733.3 | 1734.7 | 1736.2 | 1737.6 | 1739.0 | 1737.6 | 1736.2 | 1734.7 |
| 177.5° | 1735.5 | 1735.2 | 1735.1 | 1735.8 | 1737.3 | 1738.7 | 1740.2 | 1741.6 | 1740.2 | 1738.7 | 1737.3 |
| 180°   | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 |
| 2.5°   | 1219.1 | 1213.8 | 1211.7 | 1206.4 | 1193.7 | 1185.2 | 1175.7 | 1169.4 | 1170.4 | 1165.1 | 1168.3 |
| 5°     | 1181.0 | 1179.9 | 1172.5 | 1162.0 | 1144.0 | 1134.5 | 1117.6 | 1109.1 | 1104.9 | 1105.9 | 1099.6 |
| 7.5°   | 1149.3 | 1139.8 | 1134.5 | 1117.6 | 1100.6 | 1080.5 | 1066.8 | 1059.4 | 1053.1 | 1046.7 | 1042.5 |
| 10°    | 1113.3 | 1104.9 | 1096.4 | 1078.4 | 1055.2 | 1036.1 | 1017.1 | 1009.7 | 1000.2 | 996.0  | 992.8  |
| 12.5°  | 1075.3 | 1070.0 | 1059.4 | 1038.3 | 1011.8 | 993.9  | 971.6  | 967.4  | 954.7  | 946.3  | 944.2  |
| 15°    | 1040.4 | 1037.2 | 1018.2 | 993.9  | 967.4  | 949.4  | 930.4  | 917.7  | 896.6  | 900.8  | 893.4  |
| 17.5°  | 1003.4 | 989.6  | 978.0  | 945.2  | 932.5  | 905.0  | 882.8  | 876.5  | 861.7  | 852.2  | 842.7  |
| 20°    | 962.1  | 953.7  | 938.9  | 917.7  | 887.1  | 855.3  | 838.4  | 827.9  | 819.4  | 804.6  | 800.4  |
| 22.5°  | 923.0  | 912.4  | 899.8  | 872.3  | 845.8  | 819.4  | 796.1  | 786.6  | 776.0  | 765.5  | 759.1  |
| 25°    | 892.4  | 876.5  | 862.7  | 828.9  | 802.5  | 780.3  | 765.5  | 749.6  | 734.8  | 728.5  | 726.4  |
| 27.5°  | 844.8  | 835.3  | 821.5  | 789.8  | 765.5  | 741.2  | 727.4  | 716.8  | 701.0  | 693.6  | 687.2  |
| 30°    | 814.1  | 795.1  | 779.2  | 753.8  | 729.5  | 703.1  | 690.4  | 677.7  | 668.2  | 658.7  | 651.3  |
| 32.5°  | 772.9  | 758.1  | 745.4  | 720.0  | 695.7  | 671.4  | 657.6  | 638.6  | 633.3  | 625.9  | 617.5  |
| 35°    | 732.7  | 723.2  | 709.4  | 682.0  | 655.5  | 638.6  | 623.8  | 605.8  | 599.5  | 594.2  | 586.8  |
| 37.5°  | 694.6  | 680.9  | 671.4  | 644.9  | 621.7  | 601.6  | 590.0  | 575.2  | 570.9  | 564.6  | 559.3  |
| 40°    | 661.9  | 648.1  | 638.6  | 612.2  | 587.9  | 566.7  | 559.3  | 544.5  | 538.2  | 530.8  | 527.6  |
| 42.5°  | 624.9  | 613.2  | 600.5  | 581.5  | 556.1  | 535.0  | 520.2  | 511.7  | 503.3  | 500.1  | 493.8  |
| 45°    | 585.7  | 575.2  | 565.6  | 544.5  | 518.1  | 503.3  | 490.6  | 479.0  | 472.6  | 467.3  | 463.1  |
| 47.5°  | 551.9  | 542.4  | 529.7  | 506.4  | 485.3  | 471.6  | 458.9  | 447.2  | 440.9  | 434.5  | 429.3  |
| 50°    | 512.8  | 507.5  | 493.8  | 471.6  | 451.5  | 435.6  | 424.0  | 413.4  | 409.2  | 401.8  | 393.3  |
| 52.5°  | 477.9  | 468.4  | 456.7  | 438.8  | 420.8  | 401.8  | 385.9  | 379.6  | 372.2  | 367.9  | 360.5  |
| 55°    | 436.7  | 430.3  | 417.6  | 401.8  | 382.7  | 366.9  | 355.2  | 346.8  | 337.3  | 333.0  | 323.5  |
| 57.5°  | 401.8  | 390.1  | 383.8  | 363.7  | 345.7  | 329.9  | 321.4  | 313.0  | 302.4  | 296.0  | 291.8  |
| 60°    | 363.7  | 353.1  | 343.6  | 326.7  | 314.0  | 297.1  | 284.4  | 277.0  | 269.6  | 261.2  | 256.9  |
| 62.5°  | 326.7  | 318.2  | 306.6  | 292.9  | 277.0  | 263.3  | 253.7  | 243.2  | 238.9  | 230.5  | 227.3  |
| 65°    | 286.5  | 280.2  | 270.7  | 254.8  | 242.1  | 230.5  | 221.0  | 212.5  | 208.3  | 205.1  | 203.0  |
| 67.5°  | 250.6  | 242.1  | 235.8  | 222.0  | 208.3  | 198.8  | 193.5  | 188.2  | 182.9  | 179.7  | 176.6  |
| 70°    | 213.6  | 207.2  | 200.9  | 188.2  | 178.7  | 170.2  | 166.0  | 161.8  | 158.6  | 155.4  | 152.2  |
| 72.5°  | 175.5  | 172.3  | 166.0  | 157.5  | 150.1  | 143.8  | 140.6  | 135.3  | 132.2  | 126.9  | 124.8  |
| 75°    | 144.8  | 139.6  | 136.4  | 129.0  | 122.6  | 117.4  | 113.1  | 106.8  | 102.6  | 100.4  | 99.4   |
| 77.5°  | 114.2  | 112.1  | 107.8  | 101.5  | 98.3   | 93.0   | 86.7   | 84.6   | 82.5   | 82.5   | 81.4   |
| 80°    | 85.6   | 82.5   | 79.3   | 74.0   | 70.8   | 66.6   | 66.6   | 66.6   | 65.6   | 66.6   | 65.6   |
| 82.5°  | 58.2   | 56.0   | 53.9   | 50.7   | 49.7   | 49.7   | 50.7   | 50.7   | 50.7   | 50.7   | 50.7   |
| 85°    | 33.8   | 33.8   | 33.8   | 34.9   | 33.8   | 33.8   | 34.9   | 35.9   | 34.9   | 34.9   | 33.8   |
| 87.5°  | 15.9   | 15.9   | 16.9   | 16.9   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 18.0   | 19.0   |
| 90°    | 12.8   | 14.2   | 16.1   | 19.8   | 23.5   | 27.3   | 31.0   | 32.2   | 33.3   | 34.5   | 35.6   |
| 92.5°  | 22.9   | 22.0   | 23.3   | 25.9   | 28.4   | 31.0   | 33.6   | 35.6   | 37.6   | 39.6   | 41.6   |
| 95°    | 31.7   | 25.8   | 27.4   | 30.6   | 33.7   | 36.9   | 40.1   | 42.1   | 44.1   | 46.1   | 48.1   |
| 97.5°  | 111.2  | 107.2  | 99.9   | 85.2   | 70.6   | 55.9   | 41.3   | 43.6   | 45.9   | 48.2   | 50.5   |
| 100°   | 241.3  | 244.2  | 221.8  | 177.0  | 132.2  | 87.4   | 42.6   | 44.9   | 47.2   | 49.5   | 51.8   |
| 102.5° | 318.5  | 320.4  | 295.4  | 245.5  | 195.5  | 145.6  | 95.6   | 86.1   | 76.7   | 67.2   | 57.7   |
| 105°   | 397.6  | 399.2  | 386.3  | 360.4  | 334.6  | 308.7  | 282.9  | 232.1  | 181.3  | 130.5  | 79.7   |
| 107.5° | 481.9  | 483.2  | 485.4  | 489.7  | 494.0  | 498.3  | 502.6  | 458.4  | 414.2  | 369.9  | 325.7  |
| 110°   | 567.3  | 568.5  | 570.1  | 573.2  | 576.4  | 579.5  | 582.7  | 573.2  | 563.7  | 554.2  | 544.7  |

TEST NUMBER: P1032394

CATALOG NUMBER: S123RDIW-B775D1320UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 648.9  | 649.9  | 651.5  | 654.6  | 657.8  | 660.9  | 664.1  | 666.7  | 669.3  | 671.8  | 674.4  |
| 115°   | 729.1  | 730.0  | 731.3  | 733.9  | 736.4  | 739.0  | 741.6  | 744.5  | 747.3  | 750.2  | 753.1  |
| 117.5° | 810.4  | 811.4  | 812.1  | 813.5  | 815.0  | 816.4  | 817.8  | 820.1  | 822.4  | 824.7  | 827.0  |
| 120°   | 886.3  | 887.6  | 888.0  | 888.9  | 889.8  | 890.6  | 891.5  | 893.8  | 896.1  | 898.4  | 900.7  |
| 122.5° | 958.9  | 959.9  | 960.5  | 961.6  | 962.8  | 963.9  | 965.1  | 966.5  | 968.0  | 969.4  | 970.9  |
| 125°   | 1027.3 | 1028.4 | 1029.0 | 1030.1 | 1031.3 | 1032.4 | 1033.6 | 1034.2 | 1034.8 | 1035.3 | 1035.9 |
| 127.5° | 1094.5 | 1095.6 | 1096.3 | 1097.8 | 1099.2 | 1100.7 | 1102.1 | 1102.9 | 1103.8 | 1104.6 | 1105.5 |
| 130°   | 1156.5 | 1157.6 | 1158.2 | 1159.3 | 1160.5 | 1161.6 | 1162.8 | 1164.0 | 1165.1 | 1166.3 | 1167.4 |
| 132.5° | 1215.9 | 1217.1 | 1217.5 | 1218.4 | 1219.2 | 1220.1 | 1220.9 | 1222.1 | 1223.2 | 1224.4 | 1225.5 |
| 135°   | 1274.3 | 1275.2 | 1275.8 | 1276.9 | 1278.1 | 1279.2 | 1280.4 | 1281.2 | 1282.1 | 1282.9 | 1283.8 |
| 137.5° | 1328.3 | 1329.5 | 1329.8 | 1330.3 | 1330.9 | 1331.4 | 1332.0 | 1333.4 | 1334.9 | 1336.3 | 1337.8 |
| 140°   | 1377.6 | 1378.5 | 1378.9 | 1379.8 | 1380.7 | 1381.5 | 1382.4 | 1383.6 | 1384.7 | 1385.9 | 1387.0 |
| 142.5° | 1425.5 | 1426.4 | 1426.8 | 1427.7 | 1428.5 | 1429.4 | 1430.2 | 1431.1 | 1431.9 | 1432.8 | 1433.7 |
| 145°   | 1470.6 | 1471.6 | 1471.9 | 1472.5 | 1473.0 | 1473.6 | 1474.2 | 1474.8 | 1475.3 | 1475.9 | 1476.4 |
| 147.5° | 1510.9 | 1511.6 | 1511.9 | 1512.5 | 1513.0 | 1513.6 | 1514.2 | 1514.8 | 1515.4 | 1515.9 | 1516.5 |
| 150°   | 1547.4 | 1547.8 | 1548.1 | 1548.7 | 1549.2 | 1549.8 | 1550.4 | 1551.0 | 1551.6 | 1552.1 | 1552.7 |
| 152.5° | 1580.0 | 1580.1 | 1580.2 | 1580.5 | 1580.8 | 1581.1 | 1581.4 | 1582.6 | 1583.7 | 1584.9 | 1586.0 |
| 155°   | 1608.8 | 1608.5 | 1608.6 | 1608.9 | 1609.2 | 1609.5 | 1609.8 | 1611.2 | 1612.7 | 1614.1 | 1615.6 |
| 157.5° | 1636.9 | 1636.9 | 1636.8 | 1636.5 | 1636.2 | 1636.0 | 1635.7 | 1637.4 | 1639.1 | 1640.8 | 1642.5 |
| 160°   | 1659.0 | 1658.9 | 1658.8 | 1658.5 | 1658.2 | 1657.9 | 1657.6 | 1659.3 | 1661.1 | 1662.8 | 1664.5 |
| 162.5° | 1678.7 | 1678.3 | 1678.2 | 1677.9 | 1677.6 | 1677.3 | 1677.0 | 1679.0 | 1681.0 | 1683.0 | 1685.0 |
| 165°   | 1695.5 | 1695.1 | 1695.0 | 1694.7 | 1694.4 | 1694.1 | 1693.8 | 1696.1 | 1698.4 | 1700.7 | 1703.0 |
| 167.5° | 1708.6 | 1708.0 | 1708.0 | 1708.0 | 1708.0 | 1708.0 | 1708.0 | 1710.3 | 1712.6 | 1714.9 | 1717.2 |
| 170°   | 1720.2 | 1719.6 | 1719.6 | 1719.6 | 1719.6 | 1719.6 | 1719.6 | 1721.9 | 1724.2 | 1726.5 | 1728.8 |
| 172.5° | 1726.8 | 1726.1 | 1726.2 | 1726.5 | 1726.8 | 1727.1 | 1727.4 | 1729.7 | 1732.0 | 1734.3 | 1736.6 |
| 175°   | 1733.3 | 1732.6 | 1732.7 | 1733.0 | 1733.3 | 1733.5 | 1733.8 | 1735.8 | 1737.8 | 1739.9 | 1741.9 |
| 177.5° | 1735.8 | 1735.1 | 1735.2 | 1735.5 | 1735.8 | 1736.1 | 1736.4 | 1738.7 | 1741.0 | 1743.3 | 1745.6 |
| 180°   | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 |



TEST NUMBER: P1032394

CATALOG NUMBER: S123RDIW-B775D1320UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 |
| 2.5°   | 1167.2 | 1168.3 | 1165.1 | 1158.8 | 1157.7 | 1159.8 | 1166.2 | 1164.1 | 1158.8 | 1168.3 | 1159.8 |
| 5°     | 1102.8 | 1097.5 | 1095.4 | 1097.5 | 1091.1 | 1087.9 | 1094.3 | 1091.1 | 1094.3 | 1095.4 | 1098.5 |
| 7.5°   | 1040.4 | 1041.4 | 1035.1 | 1036.1 | 1027.7 | 1029.8 | 1029.8 | 1029.8 | 1033.0 | 1035.1 | 1039.3 |
| 10°    | 986.4  | 988.6  | 981.2  | 982.2  | 975.9  | 971.6  | 974.8  | 981.2  | 981.2  | 981.2  | 983.3  |
| 12.5°  | 943.1  | 933.6  | 928.3  | 927.2  | 919.8  | 917.7  | 924.1  | 926.2  | 931.5  | 931.5  | 934.6  |
| 15°    | 889.2  | 887.1  | 882.8  | 882.8  | 864.9  | 869.1  | 871.2  | 878.6  | 889.2  | 880.7  | 882.8  |
| 17.5°  | 840.5  | 835.3  | 830.0  | 827.9  | 825.7  | 819.4  | 827.9  | 826.8  | 833.1  | 834.2  | 837.4  |
| 20°    | 797.2  | 793.0  | 782.4  | 783.5  | 785.6  | 776.0  | 781.3  | 781.3  | 787.7  | 794.0  | 801.4  |
| 22.5°  | 754.9  | 750.7  | 745.4  | 747.5  | 741.2  | 739.0  | 739.0  | 744.3  | 751.7  | 757.0  | 756.0  |
| 25°    | 722.1  | 714.7  | 711.6  | 708.4  | 705.2  | 707.3  | 704.2  | 709.4  | 714.7  | 717.9  | 714.7  |
| 27.5°  | 685.1  | 682.0  | 675.6  | 672.4  | 667.1  | 669.3  | 671.4  | 675.6  | 678.8  | 678.8  | 682.0  |
| 30°    | 649.2  | 644.9  | 642.8  | 639.7  | 639.7  | 635.4  | 636.5  | 640.7  | 643.9  | 647.1  | 651.3  |
| 32.5°  | 614.3  | 611.1  | 607.9  | 607.9  | 605.8  | 604.8  | 603.7  | 610.1  | 610.1  | 616.4  | 616.4  |
| 35°    | 585.7  | 580.5  | 580.5  | 575.2  | 577.3  | 576.2  | 574.1  | 578.3  | 579.4  | 583.6  | 582.6  |
| 37.5°  | 554.0  | 554.0  | 551.9  | 546.6  | 542.4  | 543.4  | 548.7  | 548.7  | 551.9  | 550.8  | 554.0  |
| 40°    | 522.3  | 520.2  | 520.2  | 517.0  | 516.0  | 514.9  | 516.0  | 517.0  | 522.3  | 521.2  | 522.3  |
| 42.5°  | 490.6  | 491.6  | 486.4  | 486.4  | 486.4  | 483.2  | 484.2  | 485.3  | 487.4  | 489.5  | 492.7  |
| 45°    | 459.9  | 457.8  | 456.7  | 454.6  | 452.5  | 453.6  | 452.5  | 456.7  | 455.7  | 457.8  | 461.0  |
| 47.5°  | 427.1  | 424.0  | 422.9  | 418.7  | 418.7  | 420.8  | 419.7  | 422.9  | 424.0  | 427.1  | 425.0  |
| 50°    | 395.4  | 391.2  | 388.0  | 389.1  | 382.7  | 384.9  | 384.9  | 388.0  | 391.2  | 392.3  | 394.4  |
| 52.5°  | 358.4  | 357.4  | 356.3  | 351.0  | 350.0  | 348.9  | 350.0  | 351.0  | 355.2  | 358.4  | 359.5  |
| 55°    | 322.5  | 321.4  | 315.1  | 313.0  | 309.8  | 309.8  | 311.9  | 313.0  | 320.4  | 321.4  | 325.6  |
| 57.5°  | 289.7  | 286.5  | 279.1  | 278.1  | 278.1  | 278.1  | 274.9  | 279.1  | 281.2  | 286.5  | 286.5  |
| 60°    | 253.7  | 253.7  | 247.4  | 247.4  | 248.5  | 247.4  | 247.4  | 248.5  | 248.5  | 252.7  | 254.8  |
| 62.5°  | 225.2  | 224.1  | 224.1  | 222.0  | 221.0  | 222.0  | 221.0  | 221.0  | 222.0  | 225.2  | 228.4  |
| 65°    | 199.8  | 198.8  | 197.7  | 196.7  | 194.5  | 194.5  | 195.6  | 197.7  | 197.7  | 199.8  | 200.9  |
| 67.5°  | 175.5  | 175.5  | 173.4  | 173.4  | 172.3  | 171.3  | 172.3  | 171.3  | 175.5  | 175.5  | 176.6  |
| 70°    | 151.2  | 150.1  | 147.0  | 145.9  | 142.7  | 143.8  | 143.8  | 147.0  | 148.0  | 150.1  | 152.2  |
| 72.5°  | 121.6  | 121.6  | 119.5  | 117.4  | 118.4  | 116.3  | 116.3  | 117.4  | 117.4  | 120.5  | 121.6  |
| 75°    | 100.4  | 98.3   | 97.3   | 98.3   | 97.3   | 99.4   | 97.3   | 97.3   | 99.4   | 99.4   | 99.4   |
| 77.5°  | 82.5   | 82.5   | 81.4   | 81.4   | 82.5   | 81.4   | 82.5   | 82.5   | 82.5   | 81.4   | 82.5   |
| 80°    | 67.7   | 66.6   | 66.6   | 66.6   | 65.6   | 65.6   | 65.6   | 65.6   | 65.6   | 65.6   | 65.6   |
| 82.5°  | 50.7   | 50.7   | 49.7   | 50.7   | 50.7   | 49.7   | 50.7   | 49.7   | 49.7   | 50.7   | 50.7   |
| 85°    | 33.8   | 35.9   | 33.8   | 33.8   | 34.9   | 34.9   | 35.9   | 34.9   | 35.9   | 33.8   | 34.9   |
| 87.5°  | 18.0   | 19.0   | 19.0   | 18.0   | 18.0   | 19.0   | 19.0   | 19.0   | 20.1   | 18.0   | 19.0   |
| 90°    | 36.2   | 36.5   | 37.1   | 37.6   | 38.2   | 38.8   | 38.2   | 37.6   | 37.1   | 36.5   | 36.2   |
| 92.5°  | 42.6   | 42.7   | 43.0   | 43.3   | 43.6   | 43.9   | 43.6   | 43.3   | 43.0   | 42.7   | 42.6   |
| 95°    | 49.1   | 49.1   | 49.1   | 49.1   | 49.1   | 49.1   | 49.1   | 49.1   | 49.1   | 49.1   | 49.1   |
| 97.5°  | 51.7   | 51.8   | 52.1   | 52.4   | 52.7   | 53.0   | 52.7   | 52.4   | 52.1   | 51.8   | 51.7   |
| 100°   | 53.0   | 53.1   | 53.4   | 53.7   | 54.0   | 54.3   | 54.0   | 53.7   | 53.4   | 53.1   | 53.0   |
| 102.5° | 53.0   | 53.3   | 53.9   | 54.4   | 55.0   | 55.6   | 55.0   | 54.4   | 53.9   | 53.3   | 53.0   |
| 105°   | 54.3   | 54.6   | 55.1   | 55.7   | 56.2   | 56.8   | 56.2   | 55.7   | 55.1   | 54.6   | 54.3   |
| 107.5° | 303.6  | 284.8  | 247.2  | 209.6  | 172.0  | 134.4  | 172.0  | 209.6  | 247.2  | 284.8  | 303.6  |
| 110°   | 540.0  | 519.5  | 478.4  | 437.4  | 396.3  | 355.3  | 396.3  | 437.4  | 478.4  | 519.5  | 540.0  |



TEST NUMBER: P1032394

CATALOG NUMBER: S123RDIW-B775D1320UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 675.7  | 675.4  | 674.8  | 674.3  | 673.7  | 673.1  | 673.7  | 674.3  | 674.8  | 675.4  | 675.7  |
| 115°   | 754.5  | 755.1  | 756.2  | 757.4  | 758.5  | 759.7  | 758.5  | 757.4  | 756.2  | 755.1  | 754.5  |
| 117.5° | 828.2  | 828.3  | 828.6  | 828.9  | 829.2  | 829.5  | 829.2  | 828.9  | 828.6  | 828.3  | 828.2  |
| 120°   | 901.8  | 901.8  | 901.8  | 901.8  | 901.8  | 901.8  | 901.8  | 901.8  | 901.8  | 901.8  | 901.8  |
| 122.5° | 971.6  | 971.7  | 972.0  | 972.3  | 972.6  | 972.9  | 972.6  | 972.3  | 972.0  | 971.7  | 971.6  |
| 125°   | 1036.2 | 1036.5 | 1037.1 | 1037.6 | 1038.2 | 1038.8 | 1038.2 | 1037.6 | 1037.1 | 1036.5 | 1036.2 |
| 127.5° | 1105.9 | 1105.6 | 1105.1 | 1104.5 | 1104.0 | 1103.4 | 1104.0 | 1104.5 | 1105.1 | 1105.6 | 1105.9 |
| 130°   | 1168.0 | 1167.7 | 1167.1 | 1166.6 | 1166.0 | 1165.4 | 1166.0 | 1166.6 | 1167.1 | 1167.7 | 1168.0 |
| 132.5° | 1226.1 | 1225.7 | 1224.8 | 1223.9 | 1223.1 | 1222.2 | 1223.1 | 1223.9 | 1224.8 | 1225.7 | 1226.1 |
| 135°   | 1284.2 | 1283.8 | 1282.9 | 1282.1 | 1281.2 | 1280.4 | 1281.2 | 1282.1 | 1282.9 | 1283.8 | 1284.2 |
| 137.5° | 1338.5 | 1338.2 | 1337.6 | 1337.1 | 1336.5 | 1335.9 | 1336.5 | 1337.1 | 1337.6 | 1338.2 | 1338.5 |
| 140°   | 1387.6 | 1387.3 | 1386.7 | 1386.2 | 1385.6 | 1385.0 | 1385.6 | 1386.2 | 1386.7 | 1387.3 | 1387.6 |
| 142.5° | 1434.1 | 1433.7 | 1432.8 | 1431.9 | 1431.1 | 1430.2 | 1431.1 | 1431.9 | 1432.8 | 1433.7 | 1434.1 |
| 145°   | 1476.7 | 1476.7 | 1476.7 | 1476.7 | 1476.7 | 1476.7 | 1476.7 | 1476.7 | 1476.7 | 1476.7 | 1476.7 |
| 147.5° | 1516.8 | 1516.1 | 1514.6 | 1513.2 | 1511.7 | 1510.3 | 1511.7 | 1513.2 | 1514.6 | 1516.1 | 1516.8 |
| 150°   | 1553.0 | 1552.6 | 1551.7 | 1550.8 | 1550.0 | 1549.1 | 1550.0 | 1550.8 | 1551.7 | 1552.6 | 1553.0 |
| 152.5° | 1586.6 | 1585.9 | 1584.4 | 1583.0 | 1581.5 | 1580.1 | 1581.5 | 1583.0 | 1584.4 | 1585.9 | 1586.6 |
| 155°   | 1616.3 | 1615.4 | 1613.7 | 1612.0 | 1610.2 | 1608.5 | 1610.2 | 1612.0 | 1613.7 | 1615.4 | 1616.3 |
| 157.5° | 1643.4 | 1642.3 | 1640.0 | 1637.7 | 1635.4 | 1633.1 | 1635.4 | 1637.7 | 1640.0 | 1642.3 | 1643.4 |
| 160°   | 1665.4 | 1664.4 | 1662.4 | 1660.3 | 1658.3 | 1656.3 | 1658.3 | 1660.3 | 1662.4 | 1664.4 | 1665.4 |
| 162.5° | 1686.0 | 1685.1 | 1683.4 | 1681.7 | 1680.0 | 1678.3 | 1680.0 | 1681.7 | 1683.4 | 1685.1 | 1686.0 |
| 165°   | 1704.1 | 1703.1 | 1701.1 | 1699.1 | 1697.1 | 1695.1 | 1697.1 | 1699.1 | 1701.1 | 1703.1 | 1704.1 |
| 167.5° | 1718.3 | 1717.2 | 1714.9 | 1712.6 | 1710.3 | 1708.0 | 1710.3 | 1712.6 | 1714.9 | 1717.2 | 1718.3 |
| 170°   | 1730.0 | 1728.8 | 1726.5 | 1724.2 | 1721.9 | 1719.6 | 1721.9 | 1724.2 | 1726.5 | 1728.8 | 1730.0 |
| 172.5° | 1737.7 | 1736.4 | 1733.8 | 1731.3 | 1728.7 | 1726.1 | 1728.7 | 1731.3 | 1733.8 | 1736.4 | 1737.7 |
| 175°   | 1742.9 | 1741.8 | 1739.5 | 1737.2 | 1734.9 | 1732.6 | 1734.9 | 1737.2 | 1739.5 | 1741.8 | 1742.9 |
| 177.5° | 1746.8 | 1745.4 | 1742.5 | 1739.6 | 1736.7 | 1733.8 | 1736.7 | 1739.6 | 1742.5 | 1745.4 | 1746.8 |
| 180°   | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 |

TEST NUMBER: P1032394

CATALOG NUMBER: S123RDIW-B775D1320UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 | 1234.9 |
| 2.5°   | 1168.3 | 1172.5 | 1168.3 | 1159.8 | 1168.3 | 1173.6 | 1178.9 | 1187.3 | 1191.6 | 1191.6 | 1197.9 |
| 5°     | 1101.7 | 1110.2 | 1107.0 | 1104.9 | 1113.3 | 1118.6 | 1127.1 | 1137.6 | 1149.3 | 1156.7 | 1165.1 |
| 7.5°   | 1042.5 | 1047.8 | 1053.1 | 1053.1 | 1061.5 | 1073.1 | 1085.8 | 1098.5 | 1113.3 | 1123.9 | 1130.2 |
| 10°    | 990.7  | 994.9  | 998.1  | 1002.3 | 1015.0 | 1027.7 | 1044.6 | 1060.5 | 1073.1 | 1084.8 | 1095.4 |
| 12.5°  | 941.0  | 947.3  | 954.7  | 957.9  | 967.4  | 983.3  | 999.1  | 1018.2 | 1038.3 | 1049.9 | 1060.5 |
| 15°    | 893.4  | 896.6  | 905.0  | 914.6  | 923.0  | 939.9  | 960.0  | 980.1  | 997.0  | 1015.0 | 1024.5 |
| 17.5°  | 844.8  | 845.8  | 868.0  | 862.7  | 890.2  | 906.1  | 916.7  | 935.7  | 963.2  | 978.0  | 992.8  |
| 20°    | 797.2  | 807.8  | 817.3  | 822.6  | 837.4  | 855.3  | 886.0  | 900.8  | 923.0  | 936.8  | 949.4  |
| 22.5°  | 760.2  | 776.0  | 776.0  | 788.7  | 796.1  | 813.1  | 835.3  | 863.8  | 888.1  | 897.6  | 915.6  |
| 25°    | 727.4  | 734.8  | 747.5  | 751.7  | 765.5  | 780.3  | 795.1  | 825.7  | 852.2  | 864.9  | 877.5  |
| 27.5°  | 685.1  | 694.6  | 711.6  | 711.6  | 729.5  | 745.4  | 763.4  | 783.5  | 809.9  | 827.9  | 841.6  |
| 30°    | 652.3  | 661.9  | 669.3  | 680.9  | 688.3  | 703.1  | 734.8  | 749.6  | 772.9  | 788.7  | 805.7  |
| 32.5°  | 621.7  | 629.1  | 635.4  | 648.1  | 656.6  | 673.5  | 690.4  | 716.8  | 736.9  | 751.7  | 769.7  |
| 35°    | 587.9  | 595.3  | 603.7  | 613.2  | 625.9  | 641.8  | 657.6  | 679.8  | 699.9  | 713.7  | 728.5  |
| 37.5°  | 556.1  | 561.4  | 574.1  | 580.5  | 591.0  | 605.8  | 625.9  | 649.2  | 667.1  | 677.7  | 692.5  |
| 40°    | 525.5  | 529.7  | 539.2  | 550.8  | 558.2  | 569.9  | 591.0  | 611.1  | 633.3  | 646.0  | 657.6  |
| 42.5°  | 492.7  | 498.0  | 506.4  | 518.1  | 529.7  | 542.4  | 554.0  | 577.3  | 597.4  | 607.9  | 620.6  |
| 45°    | 464.1  | 467.3  | 473.7  | 485.3  | 496.9  | 506.4  | 524.4  | 545.6  | 564.6  | 573.1  | 586.8  |
| 47.5°  | 430.3  | 433.5  | 443.0  | 448.3  | 461.0  | 473.7  | 491.6  | 512.8  | 529.7  | 538.2  | 550.8  |
| 50°    | 395.4  | 398.6  | 404.9  | 416.6  | 425.0  | 438.8  | 454.6  | 472.6  | 493.8  | 505.4  | 512.8  |
| 52.5°  | 361.6  | 367.9  | 373.2  | 382.7  | 393.3  | 407.1  | 421.9  | 438.8  | 456.7  | 468.4  | 476.8  |
| 55°    | 327.8  | 333.0  | 339.4  | 344.7  | 357.4  | 370.1  | 387.0  | 402.8  | 418.7  | 429.3  | 438.8  |
| 57.5°  | 289.7  | 297.1  | 303.4  | 314.0  | 323.5  | 334.1  | 353.1  | 365.8  | 384.9  | 392.3  | 400.7  |
| 60°    | 256.9  | 264.3  | 269.6  | 278.1  | 286.5  | 300.3  | 313.0  | 328.8  | 344.7  | 354.2  | 364.8  |
| 62.5°  | 229.4  | 232.6  | 235.8  | 244.2  | 252.7  | 265.4  | 278.1  | 293.9  | 310.8  | 316.1  | 324.6  |
| 65°    | 201.9  | 205.1  | 210.4  | 217.8  | 224.1  | 231.5  | 245.3  | 258.0  | 273.8  | 282.3  | 285.5  |
| 67.5°  | 178.7  | 181.9  | 182.9  | 188.2  | 193.5  | 201.9  | 209.3  | 222.0  | 236.8  | 242.1  | 248.5  |
| 70°    | 152.2  | 157.5  | 158.6  | 162.8  | 164.9  | 170.2  | 178.7  | 188.2  | 199.8  | 209.3  | 214.6  |
| 72.5°  | 121.6  | 129.0  | 131.1  | 137.4  | 140.6  | 145.9  | 152.2  | 159.7  | 167.1  | 171.3  | 175.5  |
| 75°    | 99.4   | 101.5  | 102.6  | 107.8  | 113.1  | 120.5  | 123.7  | 127.9  | 134.3  | 139.6  | 143.8  |
| 77.5°  | 82.5   | 83.5   | 84.6   | 84.6   | 85.6   | 89.9   | 96.2   | 101.5  | 105.7  | 107.8  | 111.0  |
| 80°    | 66.6   | 65.6   | 65.6   | 66.6   | 66.6   | 66.6   | 68.7   | 76.1   | 78.2   | 83.5   | 82.5   |
| 82.5°  | 51.8   | 49.7   | 50.7   | 49.7   | 49.7   | 49.7   | 49.7   | 50.7   | 50.7   | 53.9   | 56.0   |
| 85°    | 33.8   | 34.9   | 33.8   | 33.8   | 32.8   | 33.8   | 32.8   | 32.8   | 31.7   | 31.7   | 30.7   |
| 87.5°  | 18.0   | 19.0   | 18.0   | 18.0   | 16.9   | 18.0   | 16.9   | 16.9   | 15.9   | 15.9   | 13.7   |
| 90°    | 35.6   | 34.5   | 33.3   | 32.2   | 31.0   | 27.3   | 23.5   | 19.8   | 16.1   | 14.2   | 12.8   |
| 92.5°  | 41.6   | 39.6   | 37.6   | 35.6   | 33.6   | 31.0   | 28.4   | 25.9   | 23.3   | 22.0   | 22.9   |
| 95°    | 48.1   | 46.1   | 44.1   | 42.1   | 40.1   | 36.9   | 33.7   | 30.6   | 27.4   | 25.8   | 31.7   |
| 97.5°  | 50.5   | 48.2   | 45.9   | 43.6   | 41.3   | 55.9   | 70.6   | 85.2   | 99.9   | 107.2  | 111.2  |
| 100°   | 51.8   | 49.5   | 47.2   | 44.9   | 42.6   | 87.4   | 132.2  | 177.0  | 221.8  | 244.2  | 241.3  |
| 102.5° | 57.7   | 67.2   | 76.7   | 86.1   | 95.6   | 145.6  | 195.5  | 245.5  | 295.4  | 320.4  | 318.5  |
| 105°   | 79.7   | 130.5  | 181.3  | 232.1  | 282.9  | 308.7  | 334.6  | 360.4  | 386.3  | 399.2  | 397.6  |
| 107.5° | 325.7  | 369.9  | 414.2  | 458.4  | 502.6  | 498.3  | 494.0  | 489.7  | 485.4  | 483.2  | 481.9  |
| 110°   | 544.7  | 554.2  | 563.7  | 573.2  | 582.7  | 579.5  | 576.4  | 573.2  | 570.1  | 568.5  | 567.3  |

TEST NUMBER: P1032394

CATALOG NUMBER: S123RDIW-B775D1320UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 674.4  | 671.8  | 669.3  | 666.7  | 664.1  | 660.9  | 657.8  | 654.6  | 651.5  | 649.9  | 648.9  |
| 115°   | 753.1  | 750.2  | 747.3  | 744.5  | 741.6  | 739.0  | 736.4  | 733.9  | 731.3  | 730.0  | 729.1  |
| 117.5° | 827.0  | 824.7  | 822.4  | 820.1  | 817.8  | 816.4  | 815.0  | 813.5  | 812.1  | 811.4  | 810.4  |
| 120°   | 900.7  | 898.4  | 896.1  | 893.8  | 891.5  | 890.6  | 889.8  | 888.9  | 888.0  | 887.6  | 886.3  |
| 122.5° | 970.9  | 969.4  | 968.0  | 966.5  | 965.1  | 963.9  | 962.8  | 961.6  | 960.5  | 959.9  | 958.9  |
| 125°   | 1035.9 | 1035.3 | 1034.8 | 1034.2 | 1033.6 | 1032.4 | 1031.3 | 1030.1 | 1029.0 | 1028.4 | 1027.3 |
| 127.5° | 1105.5 | 1104.6 | 1103.8 | 1102.9 | 1102.1 | 1100.7 | 1099.2 | 1097.8 | 1096.3 | 1095.6 | 1094.5 |
| 130°   | 1167.4 | 1166.3 | 1165.1 | 1164.0 | 1162.8 | 1161.6 | 1160.5 | 1159.3 | 1158.2 | 1157.6 | 1156.5 |
| 132.5° | 1225.5 | 1224.4 | 1223.2 | 1222.1 | 1220.9 | 1220.1 | 1219.2 | 1218.4 | 1217.5 | 1217.1 | 1215.9 |
| 135°   | 1283.8 | 1282.9 | 1282.1 | 1281.2 | 1280.4 | 1279.2 | 1278.1 | 1276.9 | 1275.8 | 1275.2 | 1274.3 |
| 137.5° | 1337.8 | 1336.3 | 1334.9 | 1333.4 | 1332.0 | 1331.4 | 1330.9 | 1330.3 | 1329.8 | 1329.5 | 1328.3 |
| 140°   | 1387.0 | 1385.9 | 1384.7 | 1383.6 | 1382.4 | 1381.5 | 1380.7 | 1379.8 | 1378.9 | 1378.5 | 1377.6 |
| 142.5° | 1433.7 | 1432.8 | 1431.9 | 1431.1 | 1430.2 | 1429.4 | 1428.5 | 1427.7 | 1426.8 | 1426.4 | 1425.5 |
| 145°   | 1476.4 | 1475.9 | 1475.3 | 1474.8 | 1474.2 | 1473.6 | 1473.0 | 1472.5 | 1471.9 | 1471.6 | 1470.6 |
| 147.5° | 1516.5 | 1515.9 | 1515.4 | 1514.8 | 1514.2 | 1513.6 | 1513.0 | 1512.5 | 1511.9 | 1511.6 | 1510.9 |
| 150°   | 1552.7 | 1552.1 | 1551.6 | 1551.0 | 1550.4 | 1549.8 | 1549.2 | 1548.7 | 1548.1 | 1547.8 | 1547.4 |
| 152.5° | 1586.0 | 1584.9 | 1583.7 | 1582.6 | 1581.4 | 1581.1 | 1580.8 | 1580.5 | 1580.2 | 1580.1 | 1580.0 |
| 155°   | 1615.6 | 1614.1 | 1612.7 | 1611.2 | 1609.8 | 1609.5 | 1609.2 | 1608.9 | 1608.6 | 1608.5 | 1608.8 |
| 157.5° | 1642.5 | 1640.8 | 1639.1 | 1637.4 | 1635.7 | 1636.0 | 1636.2 | 1636.5 | 1636.8 | 1636.9 | 1636.9 |
| 160°   | 1664.5 | 1662.8 | 1661.1 | 1659.3 | 1657.6 | 1657.9 | 1658.2 | 1658.5 | 1658.8 | 1658.9 | 1659.0 |
| 162.5° | 1685.0 | 1683.0 | 1681.0 | 1679.0 | 1677.0 | 1677.3 | 1677.6 | 1677.9 | 1678.2 | 1678.3 | 1678.7 |
| 165°   | 1703.0 | 1700.7 | 1698.4 | 1696.1 | 1693.8 | 1694.1 | 1694.4 | 1694.7 | 1695.0 | 1695.1 | 1695.5 |
| 167.5° | 1717.2 | 1714.9 | 1712.6 | 1710.3 | 1708.0 | 1708.0 | 1708.0 | 1708.0 | 1708.0 | 1708.0 | 1708.6 |
| 170°   | 1728.8 | 1726.5 | 1724.2 | 1721.9 | 1719.6 | 1719.6 | 1719.6 | 1719.6 | 1719.6 | 1719.6 | 1720.2 |
| 172.5° | 1736.6 | 1734.3 | 1732.0 | 1729.7 | 1727.4 | 1727.1 | 1726.8 | 1726.5 | 1726.2 | 1726.1 | 1726.8 |
| 175°   | 1741.9 | 1739.9 | 1737.8 | 1735.8 | 1733.8 | 1733.5 | 1733.3 | 1733.0 | 1732.7 | 1732.6 | 1733.3 |
| 177.5° | 1745.6 | 1743.3 | 1741.0 | 1738.7 | 1736.4 | 1736.1 | 1735.8 | 1735.5 | 1735.2 | 1735.1 | 1735.8 |
| 180°   | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 | 1739.0 |

TEST NUMBER: P1032394

CATALOG NUMBER: S123RDIW-B775D1320UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1234.9 | 1234.9 | 1234.9 | 1234.9 |
| 2.5°   | 1203.2 | 1210.6 | 1225.4 | 1238.1 |
| 5°     | 1177.8 | 1189.4 | 1211.7 | 1233.9 |
| 7.5°   | 1147.2 | 1165.1 | 1193.7 | 1224.3 |
| 10°    | 1117.6 | 1140.8 | 1175.7 | 1211.7 |
| 12.5°  | 1087.9 | 1112.3 | 1149.3 | 1195.8 |
| 15°    | 1053.1 | 1078.4 | 1122.8 | 1178.9 |
| 17.5°  | 1022.4 | 1056.2 | 1096.4 | 1152.4 |
| 20°    | 989.6  | 1015.0 | 1066.8 | 1126.0 |
| 22.5°  | 948.4  | 990.7  | 1039.3 | 1101.7 |
| 25°    | 915.6  | 952.6  | 1001.3 | 1072.1 |
| 27.5°  | 875.4  | 918.8  | 978.0  | 1040.4 |
| 30°    | 842.7  | 878.6  | 933.6  | 1008.7 |
| 32.5°  | 804.6  | 846.9  | 904.0  | 978.0  |
| 35°    | 770.8  | 806.7  | 860.6  | 935.7  |
| 37.5°  | 730.6  | 769.7  | 830.0  | 896.6  |
| 40°    | 695.7  | 733.8  | 790.9  | 853.2  |
| 42.5°  | 653.4  | 693.6  | 750.7  | 803.5  |
| 45°    | 619.6  | 656.6  | 702.0  | 750.7  |
| 47.5°  | 578.3  | 617.5  | 661.9  | 695.7  |
| 50°    | 541.3  | 577.3  | 612.2  | 640.7  |
| 52.5°  | 501.2  | 533.9  | 565.6  | 586.8  |
| 55°    | 464.1  | 489.5  | 514.9  | 529.7  |
| 57.5°  | 420.8  | 445.1  | 466.3  | 474.7  |
| 60°    | 382.7  | 402.8  | 416.6  | 426.1  |
| 62.5°  | 342.6  | 357.4  | 367.9  | 373.2  |
| 65°    | 303.4  | 314.0  | 319.3  | 324.6  |
| 67.5°  | 263.3  | 272.8  | 276.0  | 282.3  |
| 70°    | 221.0  | 231.5  | 233.7  | 236.8  |
| 72.5°  | 189.3  | 189.3  | 193.5  | 197.7  |
| 75°    | 151.2  | 153.3  | 155.4  | 155.4  |
| 77.5°  | 118.4  | 118.4  | 120.5  | 121.6  |
| 80°    | 86.7   | 87.8   | 87.8   | 86.7   |
| 82.5°  | 59.2   | 61.3   | 59.2   | 58.2   |
| 85°    | 32.8   | 37.0   | 34.9   | 34.9   |
| 87.5°  | 13.7   | 13.7   | 15.9   | 13.7   |
| 90°    | 9.9    | 7.0    | 4.2    | 1.3    |
| 92.5°  | 24.6   | 26.3   | 28.0   | 29.7   |
| 95°    | 43.5   | 55.2   | 67.0   | 78.8   |
| 97.5°  | 119.3  | 127.3  | 135.4  | 143.4  |
| 100°   | 235.6  | 229.8  | 224.1  | 218.3  |
| 102.5° | 314.8  | 311.1  | 307.3  | 303.6  |
| 105°   | 394.5  | 391.3  | 388.2  | 385.0  |
| 107.5° | 479.3  | 476.8  | 474.2  | 471.6  |
| 110°   | 565.0  | 562.7  | 560.4  | 558.1  |

TEST NUMBER: P1032394

CATALOG NUMBER: S123RDIW-B775D1320UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 646.9  | 644.8  | 642.8  | 640.8  |
| 115°   | 727.4  | 725.7  | 723.9  | 722.2  |
| 117.5° | 808.4  | 806.3  | 804.3  | 802.3  |
| 120°   | 883.7  | 881.2  | 878.6  | 876.0  |
| 122.5° | 956.9  | 954.9  | 952.9  | 950.9  |
| 125°   | 1025.0 | 1022.7 | 1020.4 | 1018.1 |
| 127.5° | 1092.2 | 1089.9 | 1087.6 | 1085.3 |
| 130°   | 1154.2 | 1151.9 | 1149.6 | 1147.3 |
| 132.5° | 1213.6 | 1211.3 | 1209.0 | 1206.7 |
| 135°   | 1272.6 | 1270.9 | 1269.1 | 1267.4 |
| 137.5° | 1326.0 | 1323.7 | 1321.4 | 1319.1 |
| 140°   | 1375.9 | 1374.2 | 1372.5 | 1370.8 |
| 142.5° | 1423.8 | 1422.1 | 1420.3 | 1418.6 |
| 145°   | 1468.6 | 1466.5 | 1464.5 | 1462.5 |
| 147.5° | 1509.5 | 1508.0 | 1506.6 | 1505.2 |
| 150°   | 1546.5 | 1545.6 | 1544.8 | 1543.9 |
| 152.5° | 1579.7 | 1579.4 | 1579.1 | 1578.8 |
| 155°   | 1609.4 | 1609.9 | 1610.5 | 1611.1 |
| 157.5° | 1636.9 | 1636.9 | 1636.9 | 1636.9 |
| 160°   | 1659.3 | 1659.6 | 1659.9 | 1660.2 |
| 162.5° | 1679.6 | 1680.5 | 1681.3 | 1682.2 |
| 165°   | 1696.4 | 1697.3 | 1698.1 | 1699.0 |
| 167.5° | 1709.7 | 1710.9 | 1712.0 | 1713.2 |
| 170°   | 1721.3 | 1722.5 | 1723.6 | 1724.8 |
| 172.5° | 1728.3 | 1729.7 | 1731.2 | 1732.6 |
| 175°   | 1734.7 | 1736.2 | 1737.6 | 1739.0 |
| 177.5° | 1737.3 | 1738.7 | 1740.2 | 1741.6 |
| 180°   | 1739.0 | 1739.0 | 1739.0 | 1739.0 |

(END OF REPORT)