

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: P1011065

Luminaire Tested: S123DIP-B1000D1195UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1011065  
REPORT IS A COMBINATION OF REPORTS P989080 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123DIP-B1000D1195UB27-4F0-XX-W2A-A1  
Description: Define 3 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

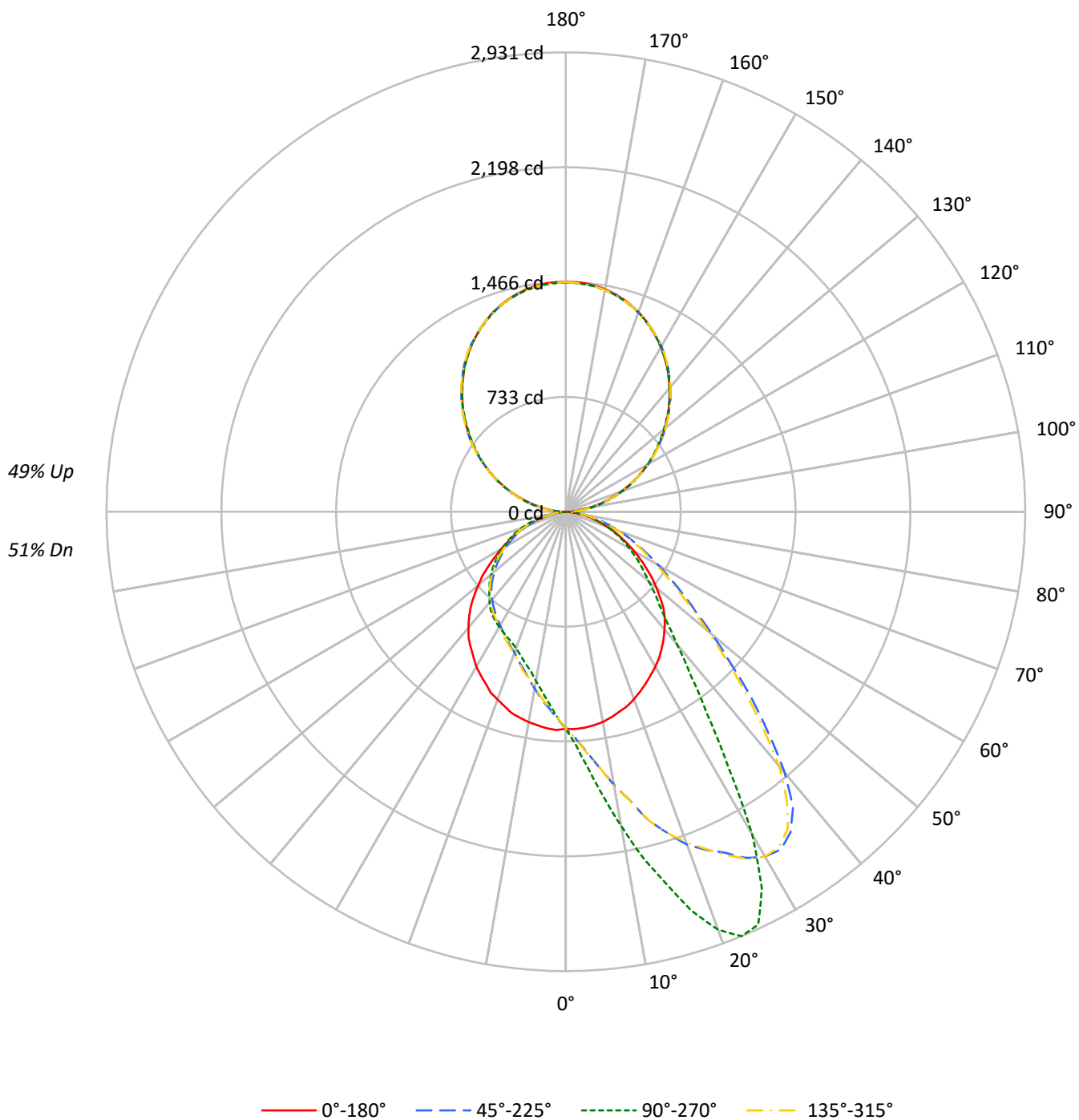
Lumens per Lamp: N/A  
Luminaire Lumens: 8242.0 lumens  
Efficiency: N/A  
Efficacy: 100.8 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

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: P1011065

CATALOG NUMBER: S123DIP-B1000D1195UB27-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P1011065

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    |    | 50 |    |    |    |    | 30 |    |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 70 | 70 | 70 | 57 | 57 | 57 | 57 | 57 | 51 |
| 1   | 98  | 94  | 90  | 87  | 91 | 87 | 84 | 81 | 74 | 72 | 69 | 62 | 60 | 59 | 51 | 50 | 49 | 49 | 49 | 43 |
| 2   | 90  | 82  | 76  | 71  | 83 | 76 | 71 | 67 | 65 | 61 | 58 | 55 | 52 | 49 | 45 | 43 | 41 | 41 | 41 | 37 |
| 3   | 82  | 73  | 65  | 60  | 75 | 67 | 61 | 56 | 58 | 53 | 49 | 48 | 45 | 42 | 40 | 38 | 35 | 35 | 35 | 31 |
| 4   | 75  | 64  | 57  | 51  | 69 | 60 | 53 | 48 | 51 | 46 | 42 | 43 | 39 | 36 | 36 | 33 | 31 | 31 | 31 | 27 |
| 5   | 69  | 57  | 49  | 44  | 63 | 53 | 46 | 41 | 46 | 40 | 36 | 39 | 35 | 31 | 32 | 29 | 27 | 27 | 27 | 24 |
| 6   | 64  | 52  | 44  | 38  | 59 | 48 | 41 | 36 | 41 | 36 | 32 | 35 | 31 | 28 | 29 | 26 | 24 | 24 | 24 | 21 |
| 7   | 59  | 47  | 39  | 33  | 54 | 44 | 36 | 31 | 38 | 32 | 28 | 32 | 28 | 24 | 27 | 24 | 21 | 21 | 21 | 18 |
| 8   | 55  | 42  | 35  | 29  | 50 | 40 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 25 | 21 | 19 | 19 | 19 | 17 |
| 9   | 51  | 39  | 31  | 26  | 47 | 36 | 29 | 25 | 31 | 26 | 22 | 27 | 23 | 20 | 23 | 19 | 17 | 17 | 17 | 15 |
| 10  | 47  | 35  | 28  | 23  | 44 | 33 | 27 | 22 | 29 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 15 | 15 | 15 | 14 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 14900 | 14900 | 14900 | 14900 |
| 5°  | 14910 | 17168 | 14954 | 12813 |
| 10° | 14816 | 20775 | 14830 | 11189 |
| 15° | 14611 | 24639 | 14729 | 10072 |
| 20° | 14434 | 28367 | 14465 | 9268  |
| 25° | 14172 | 29082 | 14204 | 8849  |
| 30° | 13986 | 24027 | 13986 | 8574  |
| 35° | 13754 | 16069 | 13667 | 8330  |
| 40° | 13476 | 11600 | 13310 | 7959  |
| 45° | 13128 | 9189  | 12750 | 7497  |
| 50° | 12280 | 7803  | 11845 | 7043  |
| 55° | 11350 | 6857  | 10888 | 6537  |
| 60° | 10408 | 5971  | 9853  | 6005  |
| 65° | 9372  | 5112  | 8918  | 5296  |
| 70° | 8296  | 4243  | 7742  | 4465  |
| 75° | 7091  | 3200  | 6634  | 3447  |
| 80° | 5608  | 2137  | 5168  | 2264  |
| 85° | 3861  | 982   | 3093  | 891   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 24030 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 136.1  | 1.7       |
| 10°-20°   | 437.3  | 5.3       |
| 20°-30°   | 735.8  | 8.9       |
| 30°-40°   | 831.5  | 10.1      |
| 40°-50°   | 744.7  | 9.0       |
| 50°-60°   | 601.2  | 7.3       |
| 60°-70°   | 418.9  | 5.1       |
| 70°-80°   | 219.9  | 2.7       |
| 80°-90°   | 55.8   | 0.7       |
| 90°-100°  | 94.3   | 1.1       |
| 100°-110° | 285.6  | 3.5       |
| 110°-120° | 486.1  | 5.9       |
| 120°-130° | 639.5  | 7.8       |
| 130°-140° | 718.9  | 8.7       |
| 140°-150° | 706.7  | 8.6       |
| 150°-160° | 595.0  | 7.2       |
| 160°-170° | 396.1  | 4.8       |
| 170°-180° | 138.7  | 1.7       |
| 0°-30°    | 1309.2 | 15.9      |
| 0°-40°    | 2140.6 | 26.0      |
| 0°-60°    | 3486.5 | 42.3      |
| 0°-90°    | 4181.1 | 50.7      |
| 90°-120°  | 866.0  | 10.5      |
| 90°-150°  | 2931.1 | 35.6      |
| 90°-180°  | 4061.0 | 49.3      |
| 0°-180°   | 8242.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1384 | 1384 | 1384 | 1384 | 1384 |      |
| 5°   | 1383 | 1644 | 1387 | 1227 | 1383 | 131  |
| 15°  | 1320 | 2448 | 1331 | 1001 | 1320 | 373  |
| 25°  | 1207 | 2905 | 1210 | 884  | 1207 | 557  |
| 35°  | 1065 | 1565 | 1058 | 812  | 1065 | 667  |
| 45°  | 884  | 845  | 858  | 690  | 884  | 676  |
| 55°  | 626  | 574  | 601  | 547  | 626  | 561  |
| 65°  | 388  | 373  | 369  | 386  | 388  | 386  |
| 75°  | 186  | 192  | 174  | 207  | 186  | 200  |
| 85°  | 40   | 44   | 32   | 40   | 40   | 46   |
| 90°  | 1    | 34   | 1    | 34   | 1    | 8    |
| 95°  | 68   | 90   | 68   | 90   | 68   | 75   |
| 105° | 259  | 274  | 259  | 274  | 259  | 277  |
| 115° | 489  | 490  | 489  | 490  | 489  | 484  |
| 125° | 716  | 708  | 716  | 708  | 716  | 639  |
| 135° | 929  | 928  | 929  | 928  | 929  | 716  |
| 145° | 1127 | 1127 | 1127 | 1127 | 1127 | 704  |
| 155° | 1291 | 1288 | 1291 | 1288 | 1291 | 594  |
| 165° | 1406 | 1401 | 1406 | 1401 | 1406 | 396  |
| 175° | 1462 | 1456 | 1462 | 1456 | 1462 | 139  |
| 180° | 1466 | 1466 | 1466 | 1466 | 1466 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 |
| 2.5°   | 1388.3 | 1399.0 | 1404.4 | 1412.5 | 1420.5 | 1432.6 | 1436.6 | 1443.3 | 1440.6 | 1446.0 | 1448.7 |
| 5°     | 1382.9 | 1401.7 | 1417.8 | 1437.9 | 1456.7 | 1470.1 | 1483.5 | 1505.0 | 1521.1 | 1523.8 | 1535.9 |
| 7.5°   | 1373.6 | 1400.4 | 1428.6 | 1456.7 | 1492.9 | 1514.4 | 1538.5 | 1568.1 | 1592.2 | 1631.1 | 1645.9 |
| 10°    | 1361.5 | 1399.0 | 1439.3 | 1478.2 | 1527.8 | 1561.3 | 1590.9 | 1640.5 | 1690.1 | 1730.4 | 1767.9 |
| 12.5°  | 1342.7 | 1389.7 | 1442.0 | 1499.6 | 1564.0 | 1602.9 | 1643.2 | 1708.9 | 1784.0 | 1845.7 | 1886.0 |
| 15°    | 1319.9 | 1378.9 | 1446.0 | 1507.7 | 1578.8 | 1651.2 | 1694.1 | 1767.9 | 1875.2 | 1932.9 | 2036.2 |
| 17.5°  | 1301.1 | 1361.5 | 1428.6 | 1525.1 | 1621.7 | 1694.1 | 1725.0 | 1860.5 | 1934.2 | 2030.8 | 2147.5 |
| 20°    | 1271.6 | 1348.1 | 1433.9 | 1530.5 | 1655.2 | 1699.5 | 1762.6 | 1899.4 | 1990.6 | 2116.7 | 2260.2 |
| 22.5°  | 1240.8 | 1322.6 | 1425.9 | 1526.5 | 1666.0 | 1712.9 | 1798.8 | 1907.4 | 2052.3 | 2177.0 | 2335.3 |
| 25°    | 1207.2 | 1295.8 | 1400.4 | 1519.8 | 1656.6 | 1725.0 | 1805.5 | 1939.6 | 2096.6 | 2253.5 | 2399.7 |
| 27.5°  | 1173.7 | 1270.3 | 1378.9 | 1498.3 | 1631.1 | 1711.6 | 1792.1 | 1931.6 | 2132.8 | 2303.1 | 2489.6 |
| 30°    | 1141.5 | 1238.1 | 1346.7 | 1468.8 | 1608.3 | 1686.1 | 1762.6 | 1936.9 | 2160.9 | 2352.8 | 2540.5 |
| 32.5°  | 1106.6 | 1205.9 | 1319.9 | 1421.8 | 1562.7 | 1645.9 | 1731.7 | 1936.9 | 2178.4 | 2382.3 | 2554.0 |
| 35°    | 1065.0 | 1167.0 | 1264.9 | 1366.8 | 1506.4 | 1598.9 | 1695.5 | 1923.5 | 2194.5 | 2391.7 | 2497.6 |
| 37.5°  | 1024.8 | 1114.7 | 1199.2 | 1298.4 | 1444.6 | 1543.9 | 1655.2 | 1907.4 | 2186.4 | 2351.4 | 2380.9 |
| 40°    | 979.2  | 1069.1 | 1137.5 | 1230.0 | 1384.3 | 1499.6 | 1612.3 | 1886.0 | 2151.5 | 2256.2 | 2170.3 |
| 42.5°  | 934.9  | 1006.0 | 1065.0 | 1154.9 | 1322.6 | 1435.3 | 1557.3 | 1847.1 | 2083.1 | 2104.6 | 1911.4 |
| 45°    | 884.0  | 934.9  | 987.2  | 1089.2 | 1255.5 | 1370.9 | 1506.4 | 1790.7 | 1973.1 | 1911.4 | 1667.3 |
| 47.5°  | 818.2  | 863.8  | 921.5  | 1015.4 | 1184.4 | 1303.8 | 1432.6 | 1718.3 | 1813.5 | 1684.8 | 1417.8 |
| 50°    | 755.2  | 794.1  | 847.7  | 939.0  | 1109.3 | 1226.0 | 1362.8 | 1604.3 | 1651.2 | 1448.7 | 1222.0 |
| 52.5°  | 692.1  | 721.7  | 774.0  | 865.2  | 1035.5 | 1148.2 | 1273.0 | 1487.6 | 1460.7 | 1243.4 | 1042.2 |
| 55°    | 626.4  | 651.9  | 701.5  | 791.4  | 949.7  | 1057.0 | 1176.4 | 1344.0 | 1274.3 | 1067.7 | 906.8  |
| 57.5°  | 562.0  | 588.9  | 639.8  | 714.9  | 863.8  | 968.5  | 1063.7 | 1195.2 | 1090.5 | 925.5  | 783.4  |
| 60°    | 504.4  | 527.2  | 566.1  | 639.8  | 775.3  | 859.8  | 947.0  | 1036.9 | 949.7  | 790.1  | 681.4  |
| 62.5°  | 444.0  | 465.5  | 501.7  | 568.7  | 685.4  | 760.6  | 830.3  | 904.1  | 807.5  | 690.8  | 594.2  |
| 65°    | 387.7  | 405.1  | 438.6  | 500.3  | 595.6  | 657.3  | 713.6  | 764.6  | 686.8  | 579.5  | 507.0  |
| 67.5°  | 336.7  | 351.4  | 379.6  | 434.6  | 515.1  | 559.3  | 605.0  | 647.9  | 582.2  | 496.3  | 434.6  |
| 70°    | 281.7  | 293.8  | 319.2  | 359.5  | 423.9  | 469.5  | 503.0  | 535.2  | 476.2  | 407.8  | 366.2  |
| 72.5°  | 233.4  | 245.5  | 261.6  | 303.1  | 347.4  | 375.6  | 411.8  | 429.2  | 395.7  | 339.4  | 297.8  |
| 75°    | 186.4  | 195.8  | 210.6  | 237.4  | 279.0  | 297.8  | 320.6  | 334.0  | 303.1  | 265.6  | 240.1  |
| 77.5°  | 146.2  | 150.2  | 161.0  | 179.7  | 207.9  | 229.4  | 246.8  | 254.9  | 233.4  | 209.3  | 187.8  |
| 80°    | 103.3  | 108.7  | 116.7  | 132.8  | 154.3  | 161.0  | 171.7  | 181.1  | 167.7  | 146.2  | 132.8  |
| 82.5°  | 68.4   | 75.1   | 79.1   | 85.8   | 99.3   | 107.3  | 110.0  | 118.0  | 106.0  | 97.9   | 92.6   |
| 85°    | 40.2   | 42.9   | 44.3   | 48.3   | 55.0   | 59.0   | 63.0   | 64.4   | 61.7   | 60.4   | 55.0   |
| 87.5°  | 20.1   | 20.1   | 20.1   | 22.8   | 24.1   | 26.8   | 28.2   | 28.2   | 28.2   | 26.8   | 25.5   |
| 90°    | 1.2    | 3.8    | 6.3    | 8.9    | 11.4   | 12.7   | 14.4   | 17.7   | 21.0   | 24.3   | 27.6   |
| 92.5°  | 34.5   | 36.0   | 37.6   | 39.1   | 40.6   | 41.4   | 42.2   | 43.7   | 45.3   | 46.8   | 48.4   |
| 95°    | 67.9   | 69.7   | 71.5   | 73.3   | 75.1   | 76.0   | 77.0   | 79.1   | 81.1   | 83.2   | 85.2   |
| 97.5°  | 111.7  | 113.0  | 114.2  | 115.5  | 116.8  | 117.4  | 118.2  | 119.7  | 121.2  | 122.8  | 124.3  |
| 100°   | 156.6  | 158.1  | 159.7  | 161.2  | 162.7  | 163.5  | 164.1  | 165.4  | 166.7  | 167.9  | 169.2  |
| 102.5° | 208.4  | 209.2  | 209.9  | 210.7  | 211.4  | 211.8  | 212.7  | 214.5  | 216.3  | 218.1  | 219.9  |
| 105°   | 259.0  | 259.5  | 260.0  | 260.5  | 261.0  | 261.3  | 262.5  | 264.8  | 267.1  | 269.4  | 271.7  |
| 107.5° | 318.9  | 319.2  | 319.4  | 319.7  | 320.0  | 320.1  | 320.6  | 321.6  | 322.7  | 323.7  | 324.7  |
| 110°   | 374.2  | 374.7  | 375.2  | 375.7  | 376.2  | 376.5  | 376.8  | 377.3  | 377.8  | 378.3  | 378.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 431.7  | 432.0  | 432.2  | 432.5  | 432.8  | 432.9  | 432.9  | 432.9  | 432.9  | 432.9  | 432.9  |
| 115°   | 489.3  | 490.1  | 490.9  | 491.6  | 492.4  | 492.8  | 492.5  | 492.0  | 491.5  | 491.0  | 490.5  |
| 117.5° | 548.0  | 548.3  | 548.5  | 548.8  | 549.1  | 549.2  | 548.9  | 548.4  | 547.9  | 547.4  | 546.9  |
| 120°   | 602.1  | 603.6  | 605.2  | 606.7  | 608.2  | 609.0  | 608.4  | 607.1  | 605.8  | 604.6  | 603.3  |
| 122.5° | 658.5  | 659.5  | 660.5  | 661.6  | 662.6  | 663.1  | 662.8  | 662.3  | 661.8  | 661.3  | 660.8  |
| 125°   | 716.1  | 716.9  | 717.7  | 718.4  | 719.2  | 719.6  | 719.3  | 718.8  | 718.3  | 717.8  | 717.3  |
| 127.5° | 769.1  | 770.6  | 772.2  | 773.7  | 775.2  | 776.0  | 775.7  | 775.2  | 774.7  | 774.2  | 773.7  |
| 130°   | 822.0  | 824.0  | 826.1  | 828.1  | 830.2  | 831.2  | 830.8  | 830.1  | 829.3  | 828.6  | 827.8  |
| 132.5° | 875.0  | 877.0  | 879.1  | 881.1  | 883.2  | 884.2  | 883.9  | 883.4  | 882.9  | 882.4  | 881.9  |
| 135°   | 929.1  | 930.6  | 932.2  | 933.7  | 935.2  | 936.0  | 935.9  | 935.6  | 935.4  | 935.1  | 934.9  |
| 137.5° | 978.6  | 979.9  | 981.2  | 982.5  | 983.8  | 984.4  | 984.8  | 985.5  | 986.3  | 987.0  | 987.8  |
| 140°   | 1030.4 | 1031.7 | 1033.0 | 1034.3 | 1035.6 | 1036.2 | 1036.3 | 1036.6 | 1036.8 | 1037.1 | 1037.3 |
| 142.5° | 1077.6 | 1078.9 | 1080.2 | 1081.5 | 1082.8 | 1083.4 | 1083.7 | 1084.2 | 1084.7 | 1085.2 | 1085.7 |
| 145°   | 1127.1 | 1127.6 | 1128.1 | 1128.6 | 1129.1 | 1129.4 | 1129.8 | 1130.6 | 1131.3 | 1132.1 | 1132.9 |
| 147.5° | 1169.7 | 1170.7 | 1171.7 | 1172.8 | 1173.8 | 1174.3 | 1174.7 | 1175.5 | 1176.2 | 1177.0 | 1177.8 |
| 150°   | 1214.6 | 1215.1 | 1215.6 | 1216.1 | 1216.6 | 1216.9 | 1217.2 | 1217.7 | 1218.2 | 1218.7 | 1219.2 |
| 152.5° | 1251.5 | 1252.3 | 1253.0 | 1253.8 | 1254.5 | 1254.9 | 1255.0 | 1255.3 | 1255.6 | 1255.8 | 1256.1 |
| 155°   | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.7 | 1291.0 | 1291.3 | 1291.5 | 1291.8 |
| 157.5° | 1324.0 | 1323.7 | 1323.5 | 1323.2 | 1322.9 | 1322.8 | 1322.9 | 1323.2 | 1323.5 | 1323.7 | 1324.0 |
| 160°   | 1355.1 | 1354.6 | 1354.1 | 1353.6 | 1353.1 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1352.8 |
| 162.5° | 1382.7 | 1381.9 | 1381.1 | 1380.4 | 1379.6 | 1379.2 | 1379.3 | 1379.6 | 1379.9 | 1380.1 | 1380.4 |
| 165°   | 1405.7 | 1404.9 | 1404.2 | 1403.4 | 1402.7 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.3 |
| 167.5° | 1425.3 | 1424.3 | 1423.3 | 1422.2 | 1421.2 | 1420.7 | 1420.8 | 1421.1 | 1421.3 | 1421.6 | 1421.8 |
| 170°   | 1441.4 | 1440.4 | 1439.4 | 1438.3 | 1437.3 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 172.5° | 1454.1 | 1453.1 | 1452.1 | 1451.0 | 1450.0 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1449.5 |
| 175°   | 1462.1 | 1461.1 | 1460.1 | 1459.0 | 1458.0 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1457.5 |
| 177.5° | 1466.7 | 1465.7 | 1464.7 | 1463.6 | 1462.6 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.1 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 |
| 2.5°   | 1458.1 | 1460.7 | 1470.1 | 1476.8 | 1490.3 | 1488.9 | 1488.9 | 1487.6 | 1483.5 | 1490.3 | 1494.3 |
| 5°     | 1560.0 | 1582.8 | 1585.5 | 1615.0 | 1616.3 | 1628.4 | 1636.5 | 1629.8 | 1645.9 | 1644.5 | 1632.4 |
| 7.5°   | 1686.1 | 1716.9 | 1731.7 | 1759.9 | 1792.1 | 1784.0 | 1814.9 | 1820.2 | 1817.5 | 1831.0 | 1840.4 |
| 10°    | 1824.3 | 1877.9 | 1915.5 | 1967.8 | 1981.2 | 1989.2 | 2009.4 | 2026.8 | 2061.7 | 2034.8 | 2052.3 |
| 12.5°  | 1982.5 | 2021.4 | 2071.1 | 2154.2 | 2195.8 | 2222.6 | 2232.0 | 2244.1 | 2268.2 | 2253.5 | 2254.8 |
| 15°    | 2115.3 | 2167.6 | 2252.1 | 2355.4 | 2367.5 | 2401.0 | 2393.0 | 2465.4 | 2500.3 | 2448.0 | 2477.5 |
| 17.5°  | 2253.5 | 2323.2 | 2423.8 | 2513.7 | 2564.7 | 2587.5 | 2609.0 | 2678.7 | 2676.0 | 2668.0 | 2674.7 |
| 20°    | 2342.0 | 2456.0 | 2580.8 | 2700.2 | 2714.9 | 2732.4 | 2790.0 | 2819.5 | 2814.2 | 2837.0 | 2851.7 |
| 22.5°  | 2466.8 | 2587.5 | 2720.3 | 2799.4 | 2833.0 | 2853.1 | 2898.7 | 2917.5 | 2925.5 | 2930.9 | 2921.5 |
| 25°    | 2571.4 | 2700.2 | 2798.1 | 2867.8 | 2888.0 | 2898.7 | 2913.4 | 2918.8 | 2914.8 | 2905.4 | 2913.4 |
| 27.5°  | 2642.5 | 2745.8 | 2812.8 | 2845.0 | 2834.3 | 2816.9 | 2788.7 | 2769.9 | 2728.3 | 2708.2 | 2732.4 |
| 30°    | 2672.0 | 2717.6 | 2737.7 | 2684.1 | 2630.4 | 2587.5 | 2533.8 | 2434.6 | 2356.8 | 2379.6 | 2348.7 |
| 32.5°  | 2625.0 | 2595.5 | 2499.0 | 2360.8 | 2319.2 | 2249.5 | 2097.9 | 1981.2 | 1985.2 | 1923.5 | 1949.0 |
| 35°    | 2486.9 | 2352.8 | 2170.3 | 1961.1 | 1906.1 | 1868.5 | 1702.2 | 1676.7 | 1623.0 | 1565.4 | 1581.5 |
| 37.5°  | 2242.8 | 2046.9 | 1825.6 | 1671.3 | 1589.5 | 1507.7 | 1413.8 | 1357.5 | 1325.3 | 1301.1 | 1319.9 |
| 40°    | 1945.0 | 1706.2 | 1523.8 | 1385.6 | 1315.9 | 1263.6 | 1199.2 | 1142.8 | 1106.6 | 1102.6 | 1109.3 |
| 42.5°  | 1652.6 | 1451.4 | 1283.7 | 1152.2 | 1129.4 | 1067.7 | 1026.1 | 981.9  | 971.1  | 953.7  | 963.1  |
| 45°    | 1399.0 | 1235.4 | 1097.2 | 989.9  | 963.1  | 947.0  | 896.0  | 867.9  | 855.8  | 845.1  | 861.2  |
| 47.5°  | 1215.3 | 1043.6 | 943.0  | 878.6  | 851.8  | 824.9  | 796.8  | 778.0  | 768.6  | 769.9  | 768.6  |
| 50°    | 1038.2 | 912.1  | 823.6  | 774.0  | 757.9  | 739.1  | 716.3  | 704.2  | 700.2  | 688.1  | 697.5  |
| 52.5°  | 893.3  | 802.1  | 740.4  | 693.5  | 681.4  | 668.0  | 649.2  | 642.5  | 633.1  | 630.4  | 630.4  |
| 55°    | 776.6  | 705.6  | 655.9  | 625.1  | 610.3  | 599.6  | 588.9  | 580.8  | 574.1  | 574.1  | 574.1  |
| 57.5°  | 685.4  | 623.7  | 587.5  | 560.7  | 555.3  | 544.6  | 532.5  | 532.5  | 523.1  | 521.8  | 525.8  |
| 60°    | 607.6  | 552.6  | 524.5  | 501.7  | 493.6  | 490.9  | 478.9  | 478.9  | 476.2  | 469.5  | 474.8  |
| 62.5°  | 528.5  | 488.3  | 464.1  | 446.7  | 438.6  | 438.6  | 429.2  | 422.5  | 422.5  | 423.9  | 421.2  |
| 65°    | 456.1  | 426.6  | 405.1  | 391.7  | 387.7  | 382.3  | 380.9  | 375.6  | 371.6  | 372.9  | 371.6  |
| 67.5°  | 391.7  | 368.9  | 354.1  | 343.4  | 336.7  | 334.0  | 330.0  | 330.0  | 327.3  | 328.6  | 321.9  |
| 70°    | 334.0  | 311.2  | 299.1  | 288.4  | 285.7  | 285.7  | 280.3  | 281.7  | 279.0  | 283.0  | 280.3  |
| 72.5°  | 275.0  | 257.5  | 248.2  | 244.1  | 241.4  | 240.1  | 237.4  | 234.7  | 233.4  | 236.1  | 234.7  |
| 75°    | 222.7  | 207.9  | 201.2  | 198.5  | 195.8  | 195.8  | 194.5  | 193.2  | 191.8  | 191.8  | 191.8  |
| 77.5°  | 173.0  | 163.6  | 155.6  | 158.3  | 154.3  | 155.6  | 151.6  | 151.6  | 152.9  | 151.6  | 151.6  |
| 80°    | 127.4  | 120.7  | 120.7  | 118.0  | 112.7  | 115.4  | 115.4  | 111.3  | 110.0  | 112.7  | 108.7  |
| 82.5°  | 84.5   | 83.2   | 80.5   | 79.1   | 76.5   | 77.8   | 76.5   | 75.1   | 73.8   | 76.5   | 73.8   |
| 85°    | 49.6   | 49.6   | 48.3   | 45.6   | 48.3   | 46.9   | 45.6   | 45.6   | 44.3   | 44.3   | 44.3   |
| 87.5°  | 25.5   | 22.8   | 22.8   | 21.5   | 22.8   | 20.1   | 21.5   | 20.1   | 18.8   | 20.1   | 18.8   |
| 90°    | 28.6   | 29.6   | 30.7   | 31.7   | 32.2   | 32.5   | 33.0   | 33.5   | 34.0   | 34.5   | 34.0   |
| 92.5°  | 49.2   | 49.9   | 50.7   | 51.4   | 51.8   | 51.5   | 51.0   | 50.5   | 50.0   | 49.5   | 50.0   |
| 95°    | 86.2   | 87.2   | 88.3   | 89.3   | 89.8   | 89.8   | 89.8   | 89.8   | 89.8   | 89.8   | 89.8   |
| 97.5°  | 125.6  | 126.9  | 128.2  | 129.5  | 130.1  | 130.0  | 129.7  | 129.4  | 129.2  | 128.9  | 129.2  |
| 100°   | 170.0  | 170.8  | 171.5  | 172.3  | 172.7  | 173.0  | 173.5  | 174.0  | 174.5  | 175.0  | 174.5  |
| 102.5° | 220.7  | 221.5  | 222.2  | 223.0  | 223.4  | 223.3  | 223.0  | 222.7  | 222.5  | 222.2  | 222.5  |
| 105°   | 271.7  | 271.7  | 271.7  | 271.7  | 271.7  | 272.0  | 272.5  | 273.0  | 273.5  | 274.0  | 273.5  |
| 107.5° | 325.5  | 326.2  | 327.0  | 327.7  | 328.1  | 328.0  | 327.7  | 327.5  | 327.2  | 327.0  | 327.2  |
| 110°   | 379.8  | 380.8  | 381.9  | 382.9  | 383.4  | 383.1  | 382.6  | 382.1  | 381.6  | 381.1  | 381.6  |

TEST NUMBER: P1011065

CATALOG NUMBER: S123DIP-B1000D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 434.2  | 435.4  | 436.7  | 438.0  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  |
| 115°   | 490.7  | 491.0  | 491.2  | 491.5  | 491.6  | 491.5  | 491.2  | 491.0  | 490.7  | 490.5  | 490.7  |
| 117.5° | 546.9  | 546.9  | 546.9  | 546.9  | 546.9  | 546.5  | 545.7  | 545.0  | 544.2  | 543.4  | 544.2  |
| 120°   | 603.0  | 602.8  | 602.5  | 602.2  | 602.1  | 601.8  | 601.3  | 600.8  | 600.3  | 599.8  | 600.3  |
| 122.5° | 660.0  | 659.3  | 658.5  | 657.8  | 657.4  | 657.0  | 656.2  | 655.5  | 654.7  | 653.9  | 654.7  |
| 125°   | 716.3  | 715.3  | 714.2  | 713.2  | 712.7  | 712.2  | 711.1  | 710.1  | 709.0  | 708.0  | 709.0  |
| 127.5° | 772.2  | 770.6  | 769.1  | 767.6  | 766.8  | 766.3  | 765.3  | 764.2  | 763.2  | 762.2  | 763.2  |
| 130°   | 826.8  | 825.8  | 824.7  | 823.7  | 823.2  | 822.3  | 820.5  | 818.7  | 816.9  | 815.1  | 816.9  |
| 132.5° | 880.6  | 879.3  | 878.0  | 876.7  | 876.1  | 875.5  | 874.2  | 872.9  | 871.7  | 870.4  | 871.7  |
| 135°   | 933.9  | 932.8  | 931.8  | 930.7  | 930.2  | 929.9  | 929.4  | 928.9  | 928.4  | 927.9  | 928.4  |
| 137.5° | 986.5  | 985.3  | 984.0  | 982.7  | 982.1  | 981.7  | 980.9  | 980.2  | 979.4  | 978.6  | 979.4  |
| 140°   | 1037.1 | 1036.8 | 1036.6 | 1036.3 | 1036.2 | 1035.3 | 1033.5 | 1031.7 | 1029.9 | 1028.1 | 1029.9 |
| 142.5° | 1085.4 | 1085.2 | 1084.9 | 1084.6 | 1084.5 | 1083.9 | 1082.6 | 1081.3 | 1080.1 | 1078.8 | 1080.1 |
| 145°   | 1132.6 | 1132.4 | 1132.1 | 1131.8 | 1131.7 | 1131.2 | 1130.2 | 1129.1 | 1128.1 | 1127.1 | 1128.1 |
| 147.5° | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.0 | 1175.5 | 1174.0 | 1172.4 | 1170.9 | 1172.4 |
| 150°   | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1218.4 | 1216.9 | 1215.4 | 1213.8 | 1212.3 | 1213.8 |
| 152.5° | 1256.6 | 1257.1 | 1257.6 | 1258.1 | 1258.4 | 1257.8 | 1256.5 | 1255.2 | 1253.9 | 1252.6 | 1253.9 |
| 155°   | 1292.8 | 1293.8 | 1294.9 | 1295.9 | 1296.4 | 1295.5 | 1293.7 | 1291.9 | 1290.1 | 1288.3 | 1290.1 |
| 157.5° | 1325.0 | 1326.0 | 1327.1 | 1328.1 | 1328.6 | 1327.8 | 1326.3 | 1324.8 | 1323.2 | 1321.7 | 1323.2 |
| 160°   | 1354.1 | 1355.3 | 1356.6 | 1357.9 | 1358.5 | 1358.0 | 1357.0 | 1355.9 | 1354.9 | 1353.9 | 1354.9 |
| 162.5° | 1381.7 | 1383.0 | 1384.3 | 1385.6 | 1386.2 | 1385.3 | 1383.5 | 1381.7 | 1379.9 | 1378.1 | 1379.9 |
| 165°   | 1403.8 | 1405.4 | 1406.9 | 1408.4 | 1409.2 | 1408.3 | 1406.5 | 1404.7 | 1402.9 | 1401.1 | 1402.9 |
| 167.5° | 1423.4 | 1424.9 | 1426.5 | 1428.0 | 1428.8 | 1428.0 | 1426.5 | 1424.9 | 1423.4 | 1421.8 | 1423.4 |
| 170°   | 1438.6 | 1440.4 | 1442.2 | 1444.0 | 1444.9 | 1444.0 | 1442.2 | 1440.4 | 1438.6 | 1436.8 | 1438.6 |
| 172.5° | 1451.0 | 1452.6 | 1454.1 | 1455.6 | 1456.4 | 1455.5 | 1453.7 | 1451.9 | 1450.1 | 1448.3 | 1450.1 |
| 175°   | 1459.0 | 1460.6 | 1462.1 | 1463.6 | 1464.4 | 1463.5 | 1461.7 | 1460.0 | 1458.2 | 1456.4 | 1458.2 |
| 177.5° | 1463.7 | 1465.2 | 1466.8 | 1468.3 | 1469.1 | 1468.2 | 1466.4 | 1464.6 | 1462.8 | 1461.0 | 1462.8 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

TEST NUMBER: P1011065

CATALOG NUMBER: S123DIP-B1000D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 |
| 2.5°   | 1483.5 | 1487.6 | 1476.8 | 1474.2 | 1474.2 | 1479.5 | 1475.5 | 1439.3 | 1446.0 | 1437.9 | 1435.3 |
| 5°     | 1647.2 | 1639.1 | 1628.4 | 1623.0 | 1616.3 | 1597.6 | 1596.2 | 1554.6 | 1546.6 | 1519.8 | 1507.7 |
| 7.5°   | 1826.9 | 1820.2 | 1788.0 | 1784.0 | 1781.3 | 1763.9 | 1719.6 | 1675.4 | 1643.2 | 1612.3 | 1582.8 |
| 10°    | 2032.2 | 2012.0 | 1997.3 | 1967.8 | 1953.0 | 1928.9 | 1871.2 | 1829.6 | 1774.6 | 1727.7 | 1666.0 |
| 12.5°  | 2279.0 | 2256.2 | 2206.5 | 2185.1 | 2166.3 | 2099.2 | 2041.6 | 1994.6 | 1887.3 | 1855.1 | 1778.6 |
| 15°    | 2460.1 | 2411.8 | 2406.4 | 2359.5 | 2356.8 | 2283.0 | 2173.0 | 2122.0 | 2038.9 | 1920.8 | 1841.7 |
| 17.5°  | 2655.9 | 2613.0 | 2579.4 | 2523.1 | 2515.1 | 2445.3 | 2364.8 | 2240.1 | 2148.9 | 2036.2 | 1935.6 |
| 20°    | 2799.4 | 2776.6 | 2718.9 | 2696.1 | 2649.2 | 2590.2 | 2507.0 | 2352.8 | 2241.4 | 2128.7 | 2005.3 |
| 22.5°  | 2913.4 | 2890.6 | 2845.0 | 2814.2 | 2787.4 | 2710.9 | 2611.6 | 2480.2 | 2327.3 | 2179.7 | 2052.3 |
| 25°    | 2912.1 | 2905.4 | 2886.6 | 2871.9 | 2851.7 | 2795.4 | 2712.2 | 2586.1 | 2415.8 | 2253.5 | 2076.4 |
| 27.5°  | 2747.1 | 2765.9 | 2798.1 | 2814.2 | 2810.2 | 2802.1 | 2755.2 | 2649.2 | 2496.3 | 2303.1 | 2104.6 |
| 30°    | 2403.7 | 2472.1 | 2532.5 | 2613.0 | 2637.1 | 2696.1 | 2723.0 | 2662.6 | 2540.5 | 2360.8 | 2140.8 |
| 32.5°  | 1993.3 | 2092.5 | 2224.0 | 2268.2 | 2344.7 | 2458.7 | 2586.1 | 2609.0 | 2532.5 | 2394.3 | 2163.6 |
| 35°    | 1635.1 | 1716.9 | 1818.9 | 1888.6 | 1957.0 | 2142.2 | 2303.1 | 2442.6 | 2468.1 | 2376.9 | 2158.3 |
| 37.5°  | 1353.4 | 1411.1 | 1501.0 | 1560.0 | 1623.0 | 1781.3 | 2006.7 | 2187.8 | 2315.2 | 2317.9 | 2143.5 |
| 40°    | 1149.5 | 1175.0 | 1252.8 | 1295.8 | 1356.1 | 1492.9 | 1694.1 | 1930.2 | 2116.7 | 2202.5 | 2104.6 |
| 42.5°  | 973.8  | 1007.4 | 1071.7 | 1103.9 | 1142.8 | 1262.2 | 1395.0 | 1619.0 | 1849.7 | 2033.5 | 2032.2 |
| 45°    | 869.2  | 893.3  | 922.9  | 949.7  | 994.0  | 1065.0 | 1216.6 | 1384.3 | 1605.6 | 1813.5 | 1895.3 |
| 47.5°  | 776.6  | 799.5  | 829.0  | 837.0  | 866.5  | 933.6  | 1026.1 | 1172.4 | 1378.9 | 1585.5 | 1739.7 |
| 50°    | 698.9  | 717.6  | 737.7  | 752.5  | 765.9  | 820.9  | 890.7  | 1014.1 | 1179.1 | 1378.9 | 1570.7 |
| 52.5°  | 638.5  | 651.9  | 669.3  | 677.4  | 689.5  | 729.7  | 783.4  | 874.6  | 1010.0 | 1192.5 | 1378.9 |
| 55°    | 582.2  | 591.5  | 602.3  | 615.7  | 621.1  | 650.6  | 692.1  | 769.9  | 870.5  | 1034.2 | 1211.3 |
| 57.5°  | 529.8  | 533.9  | 540.6  | 548.6  | 555.3  | 580.8  | 617.0  | 669.3  | 757.9  | 884.0  | 1051.6 |
| 60°    | 470.8  | 481.5  | 485.6  | 493.6  | 497.6  | 517.8  | 545.9  | 590.2  | 658.6  | 767.3  | 893.3  |
| 62.5°  | 421.2  | 427.9  | 434.6  | 438.6  | 448.0  | 454.7  | 477.5  | 517.8  | 574.1  | 654.6  | 768.6  |
| 65°    | 376.9  | 379.6  | 383.6  | 387.7  | 390.3  | 398.4  | 419.8  | 446.7  | 489.6  | 560.7  | 649.2  |
| 67.5°  | 326.0  | 328.6  | 334.0  | 335.3  | 338.0  | 348.8  | 360.8  | 383.6  | 419.8  | 473.5  | 545.9  |
| 70°    | 276.3  | 280.3  | 283.0  | 285.7  | 289.7  | 293.8  | 307.2  | 326.0  | 354.1  | 391.7  | 448.0  |
| 72.5°  | 233.4  | 237.4  | 237.4  | 240.1  | 238.8  | 244.1  | 257.5  | 271.0  | 289.7  | 320.6  | 370.2  |
| 75°    | 190.5  | 190.5  | 193.2  | 194.5  | 195.8  | 201.2  | 206.6  | 217.3  | 232.1  | 256.2  | 287.1  |
| 77.5°  | 150.2  | 148.9  | 151.6  | 151.6  | 151.6  | 155.6  | 161.0  | 166.3  | 175.7  | 193.2  | 217.3  |
| 80°    | 110.0  | 110.0  | 112.7  | 114.0  | 111.3  | 112.7  | 115.4  | 120.7  | 127.4  | 139.5  | 152.9  |
| 82.5°  | 72.4   | 77.8   | 76.5   | 77.8   | 76.5   | 79.1   | 80.5   | 81.8   | 84.5   | 89.9   | 99.3   |
| 85°    | 44.3   | 44.3   | 44.3   | 45.6   | 44.3   | 45.6   | 45.6   | 45.6   | 46.9   | 49.6   | 53.7   |
| 87.5°  | 18.8   | 18.8   | 18.8   | 20.1   | 18.8   | 18.8   | 20.1   | 18.8   | 20.1   | 20.1   | 21.5   |
| 90°    | 33.5   | 33.0   | 32.5   | 32.2   | 31.7   | 30.7   | 29.6   | 28.6   | 27.6   | 24.3   | 21.0   |
| 92.5°  | 50.5   | 51.0   | 51.5   | 51.8   | 51.4   | 50.7   | 49.9   | 49.2   | 48.4   | 46.8   | 45.3   |
| 95°    | 89.8   | 89.8   | 89.8   | 89.8   | 89.3   | 88.3   | 87.2   | 86.2   | 85.2   | 83.2   | 81.1   |
| 97.5°  | 129.4  | 129.7  | 130.0  | 130.1  | 129.5  | 128.2  | 126.9  | 125.6  | 124.3  | 122.8  | 121.2  |
| 100°   | 174.0  | 173.5  | 173.0  | 172.7  | 172.3  | 171.5  | 170.8  | 170.0  | 169.2  | 167.9  | 166.7  |
| 102.5° | 222.7  | 223.0  | 223.3  | 223.4  | 223.0  | 222.2  | 221.5  | 220.7  | 219.9  | 218.1  | 216.3  |
| 105°   | 273.0  | 272.5  | 272.0  | 271.7  | 271.7  | 271.7  | 271.7  | 271.7  | 271.7  | 269.4  | 267.1  |
| 107.5° | 327.5  | 327.7  | 328.0  | 328.1  | 327.7  | 327.0  | 326.2  | 325.5  | 324.7  | 323.7  | 322.7  |
| 110°   | 382.1  | 382.6  | 383.1  | 383.4  | 382.9  | 381.9  | 380.8  | 379.8  | 378.8  | 378.3  | 377.8  |

TEST NUMBER: P1011065

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 438.6  | 438.6  | 438.6  | 438.6  | 438.0  | 436.7  | 435.4  | 434.2  | 432.9  | 432.9  | 432.9  |
| 115°   | 491.0  | 491.2  | 491.5  | 491.6  | 491.5  | 491.2  | 491.0  | 490.7  | 490.5  | 491.0  | 491.5  |
| 117.5° | 545.0  | 545.7  | 546.5  | 546.9  | 546.9  | 546.9  | 546.9  | 546.9  | 546.9  | 547.4  | 547.9  |
| 120°   | 600.8  | 601.3  | 601.8  | 602.1  | 602.2  | 602.5  | 602.8  | 603.0  | 603.3  | 604.6  | 605.8  |
| 122.5° | 655.5  | 656.2  | 657.0  | 657.4  | 657.8  | 658.5  | 659.3  | 660.0  | 660.8  | 661.3  | 661.8  |
| 125°   | 710.1  | 711.1  | 712.2  | 712.7  | 713.2  | 714.2  | 715.3  | 716.3  | 717.3  | 717.8  | 718.3  |
| 127.5° | 764.2  | 765.3  | 766.3  | 766.8  | 767.6  | 769.1  | 770.6  | 772.2  | 773.7  | 774.2  | 774.7  |
| 130°   | 818.7  | 820.5  | 822.3  | 823.2  | 823.7  | 824.7  | 825.8  | 826.8  | 827.8  | 828.6  | 829.3  |
| 132.5° | 872.9  | 874.2  | 875.5  | 876.1  | 876.7  | 878.0  | 879.3  | 880.6  | 881.9  | 882.4  | 882.9  |
| 135°   | 928.9  | 929.4  | 929.9  | 930.2  | 930.7  | 931.8  | 932.8  | 933.9  | 934.9  | 935.1  | 935.4  |
| 137.5° | 980.2  | 980.9  | 981.7  | 982.1  | 982.7  | 984.0  | 985.3  | 986.5  | 987.8  | 987.0  | 986.3  |
| 140°   | 1031.7 | 1033.5 | 1035.3 | 1036.2 | 1036.3 | 1036.6 | 1036.8 | 1037.1 | 1037.3 | 1037.1 | 1036.8 |
| 142.5° | 1081.3 | 1082.6 | 1083.9 | 1084.5 | 1084.6 | 1084.9 | 1085.2 | 1085.4 | 1085.7 | 1085.2 | 1084.7 |
| 145°   | 1129.1 | 1130.2 | 1131.2 | 1131.7 | 1131.8 | 1132.1 | 1132.4 | 1132.6 | 1132.9 | 1132.1 | 1131.3 |
| 147.5° | 1174.0 | 1175.5 | 1177.0 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.0 | 1176.2 |
| 150°   | 1215.4 | 1216.9 | 1218.4 | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1218.7 | 1218.2 |
| 152.5° | 1255.2 | 1256.5 | 1257.8 | 1258.4 | 1258.1 | 1257.6 | 1257.1 | 1256.6 | 1256.1 | 1255.8 | 1255.6 |
| 155°   | 1291.9 | 1293.7 | 1295.5 | 1296.4 | 1295.9 | 1294.9 | 1293.8 | 1292.8 | 1291.8 | 1291.5 | 1291.3 |
| 157.5° | 1324.8 | 1326.3 | 1327.8 | 1328.6 | 1328.1 | 1327.1 | 1326.0 | 1325.0 | 1324.0 | 1323.7 | 1323.5 |
| 160°   | 1355.9 | 1357.0 | 1358.0 | 1358.5 | 1357.9 | 1356.6 | 1355.3 | 1354.1 | 1352.8 | 1352.8 | 1352.8 |
| 162.5° | 1381.7 | 1383.5 | 1385.3 | 1386.2 | 1385.6 | 1384.3 | 1383.0 | 1381.7 | 1380.4 | 1380.1 | 1379.9 |
| 165°   | 1404.7 | 1406.5 | 1408.3 | 1409.2 | 1408.4 | 1406.9 | 1405.4 | 1403.8 | 1402.3 | 1402.3 | 1402.3 |
| 167.5° | 1424.9 | 1426.5 | 1428.0 | 1428.8 | 1428.0 | 1426.5 | 1424.9 | 1423.4 | 1421.8 | 1421.6 | 1421.3 |
| 170°   | 1440.4 | 1442.2 | 1444.0 | 1444.9 | 1444.0 | 1442.2 | 1440.4 | 1438.6 | 1436.8 | 1436.8 | 1436.8 |
| 172.5° | 1451.9 | 1453.7 | 1455.5 | 1456.4 | 1455.6 | 1454.1 | 1452.6 | 1451.0 | 1449.5 | 1449.5 | 1449.5 |
| 175°   | 1460.0 | 1461.7 | 1463.5 | 1464.4 | 1463.6 | 1462.1 | 1460.6 | 1459.0 | 1457.5 | 1457.5 | 1457.5 |
| 177.5° | 1464.6 | 1466.4 | 1468.2 | 1469.1 | 1468.3 | 1466.8 | 1465.2 | 1463.7 | 1462.1 | 1462.1 | 1462.1 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 |
| 2.5°   | 1421.8 | 1417.8 | 1417.8 | 1415.1 | 1407.1 | 1392.3 | 1391.0 | 1393.7 | 1385.6 | 1377.6 | 1365.5 |
| 5°     | 1491.6 | 1466.1 | 1458.1 | 1450.0 | 1433.9 | 1407.1 | 1396.4 | 1387.0 | 1372.2 | 1354.8 | 1336.0 |
| 7.5°   | 1550.6 | 1514.4 | 1503.7 | 1488.9 | 1456.7 | 1419.2 | 1395.0 | 1374.9 | 1354.8 | 1330.6 | 1307.8 |
| 10°    | 1624.4 | 1572.1 | 1546.6 | 1525.1 | 1480.9 | 1428.6 | 1392.3 | 1362.8 | 1330.6 | 1301.1 | 1271.6 |
| 12.5°  | 1707.6 | 1623.0 | 1615.0 | 1562.7 | 1511.7 | 1433.9 | 1389.7 | 1346.7 | 1303.8 | 1267.6 | 1236.7 |
| 15°    | 1777.3 | 1684.8 | 1651.2 | 1616.3 | 1518.4 | 1421.8 | 1378.9 | 1330.6 | 1281.0 | 1242.1 | 1196.5 |
| 17.5°  | 1821.6 | 1745.1 | 1674.0 | 1627.1 | 1525.1 | 1439.3 | 1356.1 | 1301.1 | 1248.8 | 1195.2 | 1157.6 |
| 20°    | 1875.2 | 1763.9 | 1702.2 | 1639.1 | 1538.5 | 1425.9 | 1342.7 | 1274.3 | 1209.9 | 1161.6 | 1116.0 |
| 22.5°  | 1928.9 | 1778.6 | 1727.7 | 1659.3 | 1541.2 | 1412.5 | 1318.6 | 1250.2 | 1176.4 | 1128.1 | 1078.5 |
| 25°    | 1923.5 | 1800.1 | 1715.6 | 1657.9 | 1514.4 | 1400.4 | 1290.4 | 1209.9 | 1141.5 | 1079.8 | 1030.2 |
| 27.5°  | 1927.5 | 1776.0 | 1690.1 | 1623.0 | 1495.6 | 1382.9 | 1260.9 | 1176.4 | 1105.3 | 1040.9 | 988.6  |
| 30°    | 1928.9 | 1739.7 | 1664.6 | 1584.1 | 1460.7 | 1341.4 | 1227.3 | 1141.5 | 1066.4 | 996.6  | 949.7  |
| 32.5°  | 1924.9 | 1710.2 | 1616.3 | 1543.9 | 1405.7 | 1301.1 | 1188.4 | 1097.2 | 1020.8 | 956.4  | 912.1  |
| 35°    | 1915.5 | 1675.4 | 1566.7 | 1475.5 | 1349.4 | 1243.4 | 1152.2 | 1058.3 | 976.5  | 917.5  | 866.5  |
| 37.5°  | 1890.0 | 1637.8 | 1514.4 | 1424.5 | 1283.7 | 1176.4 | 1095.9 | 1018.1 | 939.0  | 869.2  | 826.3  |
| 40°    | 1871.2 | 1586.8 | 1462.1 | 1364.2 | 1212.6 | 1108.0 | 1040.9 | 967.1  | 889.3  | 826.3  | 784.7  |
| 42.5°  | 1828.3 | 1538.5 | 1408.4 | 1291.7 | 1142.8 | 1035.5 | 972.5  | 913.5  | 846.4  | 784.7  | 747.1  |
| 45°    | 1758.5 | 1486.2 | 1342.7 | 1224.7 | 1066.4 | 964.4  | 906.8  | 858.5  | 799.5  | 740.4  | 702.9  |
| 47.5°  | 1660.6 | 1411.1 | 1273.0 | 1154.9 | 991.3  | 888.0  | 830.3  | 794.1  | 747.1  | 697.5  | 665.3  |
| 50°    | 1554.6 | 1329.3 | 1201.9 | 1085.2 | 918.8  | 818.2  | 761.9  | 728.4  | 697.5  | 651.9  | 621.1  |
| 52.5°  | 1416.5 | 1242.1 | 1120.0 | 1008.7 | 841.0  | 744.5  | 694.8  | 670.7  | 638.5  | 606.3  | 579.5  |
| 55°    | 1282.3 | 1129.4 | 1028.8 | 922.9  | 764.6  | 674.7  | 626.4  | 600.9  | 582.2  | 555.3  | 533.9  |
| 57.5°  | 1126.7 | 1024.8 | 932.2  | 835.7  | 693.5  | 611.7  | 566.1  | 535.2  | 523.1  | 511.1  | 490.9  |
| 60°    | 983.2  | 905.4  | 830.3  | 749.8  | 619.7  | 545.9  | 501.7  | 477.5  | 465.5  | 457.4  | 444.0  |
| 62.5°  | 851.8  | 791.4  | 727.0  | 662.6  | 544.6  | 477.5  | 444.0  | 419.8  | 409.1  | 407.8  | 395.7  |
| 65°    | 725.7  | 682.8  | 630.4  | 567.4  | 474.8  | 415.8  | 383.6  | 368.9  | 356.8  | 356.8  | 347.4  |
| 67.5°  | 599.6  | 570.1  | 528.5  | 484.2  | 411.8  | 356.8  | 327.3  | 313.9  | 307.2  | 307.2  | 300.5  |
| 70°    | 499.0  | 478.9  | 441.3  | 402.4  | 339.4  | 297.8  | 275.0  | 262.9  | 258.9  | 260.2  | 254.9  |
| 72.5°  | 405.1  | 383.6  | 352.8  | 324.6  | 277.7  | 246.8  | 230.7  | 217.3  | 210.6  | 211.9  | 210.6  |
| 75°    | 313.9  | 303.1  | 276.3  | 254.9  | 217.3  | 195.8  | 181.1  | 174.4  | 169.0  | 170.4  | 167.7  |
| 77.5°  | 236.1  | 220.0  | 205.2  | 190.5  | 167.7  | 150.2  | 138.2  | 131.5  | 127.4  | 127.4  | 127.4  |
| 80°    | 161.0  | 158.3  | 146.2  | 138.2  | 119.4  | 106.0  | 96.6   | 95.2   | 91.2   | 91.2   | 91.2   |
| 82.5°  | 104.6  | 97.9   | 91.2   | 85.8   | 75.1   | 67.1   | 63.0   | 60.4   | 59.0   | 57.7   | 60.4   |
| 85°    | 57.7   | 53.7   | 51.0   | 45.6   | 41.6   | 37.6   | 33.5   | 32.2   | 30.9   | 32.2   | 30.9   |
| 87.5°  | 22.8   | 18.8   | 18.8   | 17.4   | 16.1   | 14.8   | 14.8   | 12.1   | 12.1   | 10.7   | 10.7   |
| 90°    | 17.7   | 14.4   | 12.7   | 11.4   | 8.9    | 6.3    | 3.8    | 1.2    | 3.8    | 6.3    | 8.9    |
| 92.5°  | 43.7   | 42.2   | 41.4   | 40.6   | 39.1   | 37.6   | 36.0   | 34.5   | 36.0   | 37.6   | 39.1   |
| 95°    | 79.1   | 77.0   | 76.0   | 75.1   | 73.3   | 71.5   | 69.7   | 67.9   | 69.7   | 71.5   | 73.3   |
| 97.5°  | 119.7  | 118.2  | 117.4  | 116.8  | 115.5  | 114.2  | 113.0  | 111.7  | 113.0  | 114.2  | 115.5  |
| 100°   | 165.4  | 164.1  | 163.5  | 162.7  | 161.2  | 159.7  | 158.1  | 156.6  | 158.1  | 159.7  | 161.2  |
| 102.5° | 214.5  | 212.7  | 211.8  | 211.4  | 210.7  | 209.9  | 209.2  | 208.4  | 209.2  | 209.9  | 210.7  |
| 105°   | 264.8  | 262.5  | 261.3  | 261.0  | 260.5  | 260.0  | 259.5  | 259.0  | 259.5  | 260.0  | 260.5  |
| 107.5° | 321.6  | 320.6  | 320.1  | 320.0  | 319.7  | 319.4  | 319.2  | 318.9  | 319.2  | 319.4  | 319.7  |
| 110°   | 377.3  | 376.8  | 376.5  | 376.2  | 375.7  | 375.2  | 374.7  | 374.2  | 374.7  | 375.2  | 375.7  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 432.9  | 432.9  | 432.9  | 432.8  | 432.5  | 432.2  | 432.0  | 431.7  | 432.0  | 432.2  | 432.5  |
| 115°   | 492.0  | 492.5  | 492.8  | 492.4  | 491.6  | 490.9  | 490.1  | 489.3  | 490.1  | 490.9  | 491.6  |
| 117.5° | 548.4  | 548.9  | 549.2  | 549.1  | 548.8  | 548.5  | 548.3  | 548.0  | 548.3  | 548.5  | 548.8  |
| 120°   | 607.1  | 608.4  | 609.0  | 608.2  | 606.7  | 605.2  | 603.6  | 602.1  | 603.6  | 605.2  | 606.7  |
| 122.5° | 662.3  | 662.8  | 663.1  | 662.6  | 661.6  | 660.5  | 659.5  | 658.5  | 659.5  | 660.5  | 661.6  |
| 125°   | 718.8  | 719.3  | 719.6  | 719.2  | 718.4  | 717.7  | 716.9  | 716.1  | 716.9  | 717.7  | 718.4  |
| 127.5° | 775.2  | 775.7  | 776.0  | 775.2  | 773.7  | 772.2  | 770.6  | 769.1  | 770.6  | 772.2  | 773.7  |
| 130°   | 830.1  | 830.8  | 831.2  | 830.2  | 828.1  | 826.1  | 824.0  | 822.0  | 824.0  | 826.1  | 828.1  |
| 132.5° | 883.4  | 883.9  | 884.2  | 883.2  | 881.1  | 879.1  | 877.0  | 875.0  | 877.0  | 879.1  | 881.1  |
| 135°   | 935.6  | 935.9  | 936.0  | 935.2  | 933.7  | 932.2  | 930.6  | 929.1  | 930.6  | 932.2  | 933.7  |
| 137.5° | 985.5  | 984.8  | 984.4  | 983.8  | 982.5  | 981.2  | 979.9  | 978.6  | 979.9  | 981.2  | 982.5  |
| 140°   | 1036.6 | 1036.3 | 1036.2 | 1035.6 | 1034.3 | 1033.0 | 1031.7 | 1030.4 | 1031.7 | 1033.0 | 1034.3 |
| 142.5° | 1084.2 | 1083.7 | 1083.4 | 1082.8 | 1081.5 | 1080.2 | 1078.9 | 1077.6 | 1078.9 | 1080.2 | 1081.5 |
| 145°   | 1130.6 | 1129.8 | 1129.4 | 1129.1 | 1128.6 | 1128.1 | 1127.6 | 1127.1 | 1127.6 | 1128.1 | 1128.6 |
| 147.5° | 1175.5 | 1174.7 | 1174.3 | 1173.8 | 1172.8 | 1171.7 | 1170.7 | 1169.7 | 1170.7 | 1171.7 | 1172.8 |
| 150°   | 1217.7 | 1217.2 | 1216.9 | 1216.6 | 1216.1 | 1215.6 | 1215.1 | 1214.6 | 1215.1 | 1215.6 | 1216.1 |
| 152.5° | 1255.3 | 1255.0 | 1254.9 | 1254.5 | 1253.8 | 1253.0 | 1252.3 | 1251.5 | 1252.3 | 1253.0 | 1253.8 |
| 155°   | 1291.0 | 1290.7 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 |
| 157.5° | 1323.2 | 1322.9 | 1322.8 | 1322.9 | 1323.2 | 1323.5 | 1323.7 | 1324.0 | 1323.7 | 1323.5 | 1323.2 |
| 160°   | 1352.8 | 1352.8 | 1352.8 | 1353.1 | 1353.6 | 1354.1 | 1354.6 | 1355.1 | 1354.6 | 1354.1 | 1353.6 |
| 162.5° | 1379.6 | 1379.3 | 1379.2 | 1379.6 | 1380.4 | 1381.1 | 1381.9 | 1382.7 | 1381.9 | 1381.1 | 1380.4 |
| 165°   | 1402.3 | 1402.3 | 1402.3 | 1402.7 | 1403.4 | 1404.2 | 1404.9 | 1405.7 | 1404.9 | 1404.2 | 1403.4 |
| 167.5° | 1421.1 | 1420.8 | 1420.7 | 1421.2 | 1422.2 | 1423.3 | 1424.3 | 1425.3 | 1424.3 | 1423.3 | 1422.2 |
| 170°   | 1436.8 | 1436.8 | 1436.8 | 1437.3 | 1438.3 | 1439.4 | 1440.4 | 1441.4 | 1440.4 | 1439.4 | 1438.3 |
| 172.5° | 1449.5 | 1449.5 | 1449.5 | 1450.0 | 1451.0 | 1452.1 | 1453.1 | 1454.1 | 1453.1 | 1452.1 | 1451.0 |
| 175°   | 1457.5 | 1457.5 | 1457.5 | 1458.0 | 1459.0 | 1460.1 | 1461.1 | 1462.1 | 1461.1 | 1460.1 | 1459.0 |
| 177.5° | 1462.1 | 1462.1 | 1462.1 | 1462.6 | 1463.6 | 1464.7 | 1465.7 | 1466.7 | 1465.7 | 1464.7 | 1463.6 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 |
| 2.5°   | 1362.8 | 1361.5 | 1364.2 | 1356.1 | 1342.7 | 1336.0 | 1317.2 | 1313.2 | 1311.9 | 1313.2 | 1314.5 |
| 5°     | 1325.3 | 1323.9 | 1319.9 | 1306.5 | 1290.4 | 1278.3 | 1255.5 | 1254.2 | 1246.1 | 1238.1 | 1242.1 |
| 7.5°   | 1289.1 | 1283.7 | 1275.6 | 1258.2 | 1236.7 | 1223.3 | 1204.5 | 1191.1 | 1180.4 | 1173.7 | 1168.3 |
| 10°    | 1252.8 | 1244.8 | 1236.7 | 1213.9 | 1187.1 | 1167.0 | 1144.2 | 1133.5 | 1121.4 | 1116.0 | 1110.6 |
| 12.5°  | 1205.9 | 1197.8 | 1183.1 | 1156.3 | 1140.2 | 1114.7 | 1091.9 | 1081.1 | 1074.4 | 1063.7 | 1057.0 |
| 15°    | 1168.3 | 1152.2 | 1144.2 | 1116.0 | 1082.5 | 1079.8 | 1038.2 | 1035.5 | 1022.1 | 1022.1 | 1011.4 |
| 17.5°  | 1125.4 | 1113.3 | 1098.6 | 1070.4 | 1046.3 | 1022.1 | 1000.7 | 992.6  | 980.5  | 977.9  | 972.5  |
| 20°    | 1083.8 | 1067.7 | 1062.4 | 1034.2 | 1008.7 | 979.2  | 956.4  | 948.3  | 943.0  | 937.6  | 941.6  |
| 22.5°  | 1040.9 | 1027.5 | 1014.1 | 988.6  | 969.8  | 940.3  | 926.9  | 918.8  | 910.8  | 908.1  | 909.4  |
| 25°    | 999.3  | 987.2  | 973.8  | 948.3  | 928.2  | 904.1  | 892.0  | 888.0  | 884.0  | 884.0  | 882.6  |
| 27.5°  | 959.1  | 947.0  | 934.9  | 912.1  | 892.0  | 874.6  | 865.2  | 861.2  | 857.1  | 859.8  | 862.5  |
| 30°    | 917.5  | 906.8  | 896.0  | 875.9  | 859.8  | 843.7  | 838.4  | 835.7  | 834.3  | 841.0  | 841.0  |
| 32.5°  | 879.9  | 870.5  | 862.5  | 843.7  | 827.6  | 814.2  | 810.2  | 811.5  | 812.9  | 816.9  | 819.6  |
| 35°    | 841.0  | 834.3  | 826.3  | 810.2  | 796.8  | 784.7  | 786.0  | 786.0  | 788.7  | 795.4  | 800.8  |
| 37.5°  | 806.2  | 796.8  | 790.1  | 776.6  | 765.9  | 755.2  | 759.2  | 763.2  | 765.9  | 774.0  | 776.6  |
| 40°    | 764.6  | 760.6  | 755.2  | 741.8  | 732.4  | 731.0  | 732.4  | 735.1  | 740.4  | 744.5  | 748.5  |
| 42.5°  | 731.0  | 725.7  | 719.0  | 708.2  | 700.2  | 701.5  | 702.9  | 705.6  | 708.2  | 714.9  | 719.0  |
| 45°    | 693.5  | 689.5  | 684.1  | 674.7  | 668.0  | 669.3  | 670.7  | 670.7  | 673.4  | 681.4  | 684.1  |
| 47.5°  | 651.9  | 653.2  | 646.5  | 637.1  | 633.1  | 633.1  | 633.1  | 635.8  | 642.5  | 645.2  | 646.5  |
| 50°    | 611.7  | 609.0  | 607.6  | 598.2  | 595.6  | 594.2  | 595.6  | 596.9  | 606.3  | 605.0  | 609.0  |
| 52.5°  | 568.7  | 568.7  | 567.4  | 562.0  | 558.0  | 558.0  | 555.3  | 562.0  | 564.7  | 567.4  | 571.4  |
| 55°    | 527.2  | 523.1  | 521.8  | 519.1  | 513.7  | 512.4  | 515.1  | 523.1  | 525.8  | 528.5  | 532.5  |
| 57.5°  | 481.5  | 481.5  | 478.9  | 474.8  | 474.8  | 474.8  | 474.8  | 480.2  | 484.2  | 486.9  | 495.0  |
| 60°    | 440.0  | 434.6  | 430.6  | 430.6  | 430.6  | 429.2  | 437.3  | 437.3  | 445.3  | 446.7  | 449.4  |
| 62.5°  | 390.3  | 387.7  | 385.0  | 386.3  | 385.0  | 387.7  | 390.3  | 395.7  | 397.0  | 401.1  | 405.1  |
| 65°    | 343.4  | 343.4  | 340.7  | 348.8  | 343.4  | 343.4  | 350.1  | 350.1  | 352.8  | 356.8  | 362.2  |
| 67.5°  | 297.8  | 299.1  | 296.4  | 296.4  | 299.1  | 300.5  | 301.8  | 307.2  | 308.5  | 313.9  | 320.6  |
| 70°    | 250.8  | 253.5  | 254.9  | 252.2  | 254.9  | 257.5  | 260.2  | 261.6  | 266.9  | 269.6  | 273.6  |
| 72.5°  | 209.3  | 211.9  | 207.9  | 209.3  | 210.6  | 213.3  | 214.6  | 217.3  | 220.0  | 228.0  | 230.7  |
| 75°    | 167.7  | 166.3  | 165.0  | 170.4  | 167.7  | 173.0  | 174.4  | 174.4  | 177.1  | 183.8  | 186.4  |
| 77.5°  | 128.8  | 128.8  | 130.1  | 127.4  | 131.5  | 130.1  | 131.5  | 135.5  | 139.5  | 139.5  | 150.2  |
| 80°    | 89.9   | 92.6   | 92.6   | 92.6   | 93.9   | 95.2   | 92.6   | 99.3   | 100.6  | 100.6  | 104.6  |
| 82.5°  | 57.7   | 59.0   | 57.7   | 60.4   | 60.4   | 63.0   | 61.7   | 63.0   | 65.7   | 68.4   | 69.8   |
| 85°    | 30.9   | 30.9   | 33.5   | 33.5   | 32.2   | 33.5   | 32.2   | 33.5   | 36.2   | 36.2   | 37.6   |
| 87.5°  | 10.7   | 10.7   | 10.7   | 10.7   | 12.1   | 10.7   | 12.1   | 12.1   | 10.7   | 10.7   | 14.8   |
| 90°    | 11.4   | 12.7   | 14.4   | 17.7   | 21.0   | 24.3   | 27.6   | 28.6   | 29.6   | 30.7   | 31.7   |
| 92.5°  | 40.6   | 41.4   | 42.2   | 43.7   | 45.3   | 46.8   | 48.4   | 49.2   | 49.9   | 50.7   | 51.4   |
| 95°    | 75.1   | 76.0   | 77.0   | 79.1   | 81.1   | 83.2   | 85.2   | 86.2   | 87.2   | 88.3   | 89.3   |
| 97.5°  | 116.8  | 117.4  | 118.2  | 119.7  | 121.2  | 122.8  | 124.3  | 125.6  | 126.9  | 128.2  | 129.5  |
| 100°   | 162.7  | 163.5  | 164.1  | 165.4  | 166.7  | 167.9  | 169.2  | 170.0  | 170.8  | 171.5  | 172.3  |
| 102.5° | 211.4  | 211.8  | 212.7  | 214.5  | 216.3  | 218.1  | 219.9  | 220.7  | 221.5  | 222.2  | 223.0  |
| 105°   | 261.0  | 261.3  | 262.5  | 264.8  | 267.1  | 269.4  | 271.7  | 271.7  | 271.7  | 271.7  | 271.7  |
| 107.5° | 320.0  | 320.1  | 320.6  | 321.6  | 322.7  | 323.7  | 324.7  | 325.5  | 326.2  | 327.0  | 327.7  |
| 110°   | 376.2  | 376.5  | 376.8  | 377.3  | 377.8  | 378.3  | 378.8  | 379.8  | 380.8  | 381.9  | 382.9  |

TEST NUMBER: P1011065

CATALOG NUMBER: S123DIP-B1000D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 432.8  | 432.9  | 432.9  | 432.9  | 432.9  | 432.9  | 432.9  | 434.2  | 435.4  | 436.7  | 438.0  |
| 115°   | 492.4  | 492.8  | 492.5  | 492.0  | 491.5  | 491.0  | 490.5  | 490.7  | 491.0  | 491.2  | 491.5  |
| 117.5° | 549.1  | 549.2  | 548.9  | 548.4  | 547.9  | 547.4  | 546.9  | 546.9  | 546.9  | 546.9  | 546.9  |
| 120°   | 608.2  | 609.0  | 608.4  | 607.1  | 605.8  | 604.6  | 603.3  | 603.0  | 602.8  | 602.5  | 602.2  |
| 122.5° | 662.6  | 663.1  | 662.8  | 662.3  | 661.8  | 661.3  | 660.8  | 660.0  | 659.3  | 658.5  | 657.8  |
| 125°   | 719.2  | 719.6  | 719.3  | 718.8  | 718.3  | 717.8  | 717.3  | 716.3  | 715.3  | 714.2  | 713.2  |
| 127.5° | 775.2  | 776.0  | 775.7  | 775.2  | 774.7  | 774.2  | 773.7  | 772.2  | 770.6  | 769.1  | 767.6  |
| 130°   | 830.2  | 831.2  | 830.8  | 830.1  | 829.3  | 828.6  | 827.8  | 826.8  | 825.8  | 824.7  | 823.7  |
| 132.5° | 883.2  | 884.2  | 883.9  | 883.4  | 882.9  | 882.4  | 881.9  | 880.6  | 879.3  | 878.0  | 876.7  |
| 135°   | 935.2  | 936.0  | 935.9  | 935.6  | 935.4  | 935.1  | 934.9  | 933.9  | 932.8  | 931.8  | 930.7  |
| 137.5° | 983.8  | 984.4  | 984.8  | 985.5  | 986.3  | 987.0  | 987.8  | 986.5  | 985.3  | 984.0  | 982.7  |
| 140°   | 1035.6 | 1036.2 | 1036.3 | 1036.6 | 1036.8 | 1037.1 | 1037.3 | 1037.1 | 1036.8 | 1036.6 | 1036.3 |
| 142.5° | 1082.8 | 1083.4 | 1083.7 | 1084.2 | 1084.7 | 1085.2 | 1085.7 | 1085.4 | 1085.2 | 1084.9 | 1084.6 |
| 145°   | 1129.1 | 1129.4 | 1129.8 | 1130.6 | 1131.3 | 1132.1 | 1132.9 | 1132.6 | 1132.4 | 1132.1 | 1131.8 |
| 147.5° | 1173.8 | 1174.3 | 1174.7 | 1175.5 | 1176.2 | 1177.0 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.8 |
| 150°   | 1216.6 | 1216.9 | 1217.2 | 1217.7 | 1218.2 | 1218.7 | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1219.2 |
| 152.5° | 1254.5 | 1254.9 | 1255.0 | 1255.3 | 1255.6 | 1255.8 | 1256.1 | 1256.6 | 1257.1 | 1257.6 | 1258.1 |
| 155°   | 1290.6 | 1290.6 | 1290.7 | 1291.0 | 1291.3 | 1291.5 | 1291.8 | 1292.8 | 1293.8 | 1294.9 | 1295.9 |
| 157.5° | 1322.9 | 1322.8 | 1322.9 | 1323.2 | 1323.5 | 1323.7 | 1324.0 | 1325.0 | 1326.0 | 1327.1 | 1328.1 |
| 160°   | 1353.1 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1354.1 | 1355.3 | 1356.6 | 1357.9 |
| 162.5° | 1379.6 | 1379.2 | 1379.3 | 1379.6 | 1379.9 | 1380.1 | 1380.4 | 1381.7 | 1383.0 | 1384.3 | 1385.6 |
| 165°   | 1402.7 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1403.8 | 1405.4 | 1406.9 | 1408.4 |
| 167.5° | 1421.2 | 1420.7 | 1420.8 | 1421.1 | 1421.3 | 1421.6 | 1421.8 | 1423.4 | 1424.9 | 1426.5 | 1428.0 |
| 170°   | 1437.3 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1438.6 | 1440.4 | 1442.2 | 1444.0 |
| 172.5° | 1450.0 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1451.0 | 1452.6 | 1454.1 | 1455.6 |
| 175°   | 1458.0 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1459.0 | 1460.6 | 1462.1 | 1463.6 |
| 177.5° | 1462.6 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1463.7 | 1465.2 | 1466.8 | 1468.3 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

TEST NUMBER: P1011065

CATALOG NUMBER: S123DIP-B1000D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 |
| 2.5°   | 1313.2 | 1314.5 | 1309.2 | 1305.1 | 1315.9 | 1309.2 | 1309.2 | 1310.5 | 1307.8 | 1311.9 | 1310.5 |
| 5°     | 1239.4 | 1240.8 | 1231.4 | 1234.1 | 1228.7 | 1227.3 | 1226.0 | 1234.1 | 1232.7 | 1231.4 | 1234.1 |
| 7.5°   | 1167.0 | 1167.0 | 1163.0 | 1160.3 | 1160.3 | 1156.3 | 1161.6 | 1160.3 | 1163.0 | 1163.0 | 1167.0 |
| 10°    | 1106.6 | 1109.3 | 1102.6 | 1095.9 | 1094.6 | 1095.9 | 1095.9 | 1097.2 | 1098.6 | 1108.0 | 1106.6 |
| 12.5°  | 1057.0 | 1053.0 | 1051.6 | 1047.6 | 1040.9 | 1038.2 | 1035.5 | 1050.3 | 1046.3 | 1046.3 | 1046.3 |
| 15°    | 1002.0 | 1011.4 | 1010.0 | 998.0  | 995.3  | 1000.7 | 998.0  | 998.0  | 1011.4 | 1010.0 | 1008.7 |
| 17.5°  | 972.5  | 969.8  | 967.1  | 960.4  | 961.8  | 960.4  | 961.8  | 961.8  | 969.8  | 969.8  | 969.8  |
| 20°    | 939.0  | 933.6  | 933.6  | 930.9  | 930.9  | 926.9  | 932.2  | 933.6  | 939.0  | 939.0  | 940.3  |
| 22.5°  | 909.4  | 905.4  | 905.4  | 904.1  | 906.8  | 901.4  | 906.8  | 908.1  | 908.1  | 912.1  | 912.1  |
| 25°    | 884.0  | 881.3  | 881.3  | 884.0  | 884.0  | 884.0  | 884.0  | 889.3  | 885.3  | 886.6  | 885.3  |
| 27.5°  | 861.2  | 862.5  | 863.8  | 865.2  | 863.8  | 865.2  | 866.5  | 869.2  | 870.5  | 869.2  | 866.5  |
| 30°    | 839.7  | 843.7  | 845.1  | 845.1  | 847.7  | 849.1  | 850.4  | 850.4  | 851.8  | 847.7  | 850.4  |
| 32.5°  | 823.6  | 823.6  | 826.3  | 827.6  | 830.3  | 831.6  | 831.6  | 834.3  | 833.0  | 829.0  | 830.3  |
| 35°    | 800.8  | 800.8  | 806.2  | 808.8  | 812.9  | 811.5  | 812.9  | 812.9  | 814.2  | 811.5  | 807.5  |
| 37.5°  | 778.0  | 780.7  | 780.7  | 786.0  | 787.4  | 788.7  | 787.4  | 790.1  | 788.7  | 786.0  | 784.7  |
| 40°    | 751.2  | 749.8  | 751.2  | 755.2  | 756.5  | 756.5  | 756.5  | 759.2  | 759.2  | 759.2  | 757.9  |
| 42.5°  | 717.6  | 721.7  | 720.3  | 724.3  | 723.0  | 723.0  | 725.7  | 728.4  | 729.7  | 725.7  | 727.0  |
| 45°    | 685.4  | 685.4  | 688.1  | 688.1  | 689.5  | 689.5  | 694.8  | 692.1  | 694.8  | 692.1  | 693.5  |
| 47.5°  | 650.6  | 651.9  | 651.9  | 653.2  | 655.9  | 658.6  | 655.9  | 657.3  | 657.3  | 658.6  | 655.9  |
| 50°    | 611.7  | 611.7  | 614.3  | 618.4  | 623.7  | 621.1  | 619.7  | 625.1  | 621.1  | 621.1  | 618.4  |
| 52.5°  | 571.4  | 575.4  | 576.8  | 580.8  | 584.8  | 586.2  | 587.5  | 584.8  | 586.2  | 582.2  | 583.5  |
| 55°    | 532.5  | 533.9  | 539.2  | 543.3  | 547.3  | 547.3  | 545.9  | 547.3  | 548.6  | 543.3  | 543.3  |
| 57.5°  | 493.6  | 497.6  | 503.0  | 503.0  | 508.4  | 508.4  | 507.0  | 507.0  | 508.4  | 504.4  | 503.0  |
| 60°    | 452.0  | 456.1  | 462.8  | 462.8  | 470.8  | 472.2  | 469.5  | 466.8  | 466.8  | 462.8  | 464.1  |
| 62.5°  | 407.8  | 411.8  | 415.8  | 422.5  | 427.9  | 425.2  | 430.6  | 425.2  | 426.6  | 418.5  | 418.5  |
| 65°    | 368.9  | 370.2  | 376.9  | 383.6  | 383.6  | 386.3  | 383.6  | 385.0  | 380.9  | 380.9  | 375.6  |
| 67.5°  | 323.3  | 323.3  | 330.0  | 336.7  | 343.4  | 343.4  | 343.4  | 339.4  | 339.4  | 335.3  | 335.3  |
| 70°    | 283.0  | 281.7  | 288.4  | 292.4  | 296.4  | 297.8  | 295.1  | 293.8  | 291.1  | 287.1  | 285.7  |
| 72.5°  | 233.4  | 236.1  | 242.8  | 245.5  | 252.2  | 250.8  | 257.5  | 249.5  | 249.5  | 242.8  | 241.4  |
| 75°    | 189.1  | 191.8  | 198.5  | 202.5  | 206.6  | 206.6  | 210.6  | 206.6  | 201.2  | 198.5  | 197.2  |
| 77.5°  | 150.2  | 148.9  | 154.3  | 161.0  | 162.3  | 161.0  | 163.6  | 162.3  | 156.9  | 156.9  | 154.3  |
| 80°    | 107.3  | 111.3  | 116.7  | 115.4  | 120.7  | 119.4  | 119.4  | 116.7  | 116.7  | 112.7  | 115.4  |
| 82.5°  | 71.1   | 75.1   | 76.5   | 75.1   | 76.5   | 79.1   | 80.5   | 79.1   | 79.1   | 76.5   | 77.8   |
| 85°    | 37.6   | 37.6   | 40.2   | 41.6   | 40.2   | 40.2   | 41.6   | 45.6   | 42.9   | 40.2   | 42.9   |
| 87.5°  | 12.1   | 10.7   | 10.7   | 12.1   | 10.7   | 10.7   | 12.1   | 12.1   | 13.4   | 13.4   | 13.4   |
| 90°    | 32.2   | 32.5   | 33.0   | 33.5   | 34.0   | 34.5   | 34.0   | 33.5   | 33.0   | 32.5   | 32.2   |
| 92.5°  | 51.8   | 51.5   | 51.0   | 50.5   | 50.0   | 49.5   | 50.0   | 50.5   | 51.0   | 51.5   | 51.8   |
| 95°    | 89.8   | 89.8   | 89.8   | 89.8   | 89.8   | 89.8   | 89.8   | 89.8   | 89.8   | 89.8   | 89.8   |
| 97.5°  | 130.1  | 130.0  | 129.7  | 129.4  | 129.2  | 128.9  | 129.2  | 129.4  | 129.7  | 130.0  | 130.1  |
| 100°   | 172.7  | 173.0  | 173.5  | 174.0  | 174.5  | 175.0  | 174.5  | 174.0  | 173.5  | 173.0  | 172.7  |
| 102.5° | 223.4  | 223.3  | 223.0  | 222.7  | 222.5  | 222.2  | 222.5  | 222.7  | 223.0  | 223.3  | 223.4  |
| 105°   | 271.7  | 272.0  | 272.5  | 273.0  | 273.5  | 274.0  | 273.5  | 273.0  | 272.5  | 272.0  | 271.7  |
| 107.5° | 328.1  | 328.0  | 327.7  | 327.5  | 327.2  | 327.0  | 327.2  | 327.5  | 327.7  | 328.0  | 328.1  |
| 110°   | 383.4  | 383.1  | 382.6  | 382.1  | 381.6  | 381.1  | 381.6  | 382.1  | 382.6  | 383.1  | 383.4  |

TEST NUMBER: P1011065

CATALOG NUMBER: S123DIP-B1000D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  |
| 115°   | 491.6  | 491.5  | 491.2  | 491.0  | 490.7  | 490.5  | 490.7  | 491.0  | 491.2  | 491.5  | 491.6  |
| 117.5° | 546.9  | 546.5  | 545.7  | 545.0  | 544.2  | 543.4  | 544.2  | 545.0  | 545.7  | 546.5  | 546.9  |
| 120°   | 602.1  | 601.8  | 601.3  | 600.8  | 600.3  | 599.8  | 600.3  | 600.8  | 601.3  | 601.8  | 602.1  |
| 122.5° | 657.4  | 657.0  | 656.2  | 655.5  | 654.7  | 653.9  | 654.7  | 655.5  | 656.2  | 657.0  | 657.4  |
| 125°   | 712.7  | 712.2  | 711.1  | 710.1  | 709.0  | 708.0  | 709.0  | 710.1  | 711.1  | 712.2  | 712.7  |
| 127.5° | 766.8  | 766.3  | 765.3  | 764.2  | 763.2  | 762.2  | 763.2  | 764.2  | 765.3  | 766.3  | 766.8  |
| 130°   | 823.2  | 822.3  | 820.5  | 818.7  | 816.9  | 815.1  | 816.9  | 818.7  | 820.5  | 822.3  | 823.2  |
| 132.5° | 876.1  | 875.5  | 874.2  | 872.9  | 871.7  | 870.4  | 871.7  | 872.9  | 874.2  | 875.5  | 876.1  |
| 135°   | 930.2  | 929.9  | 929.4  | 928.9  | 928.4  | 927.9  | 928.4  | 928.9  | 929.4  | 929.9  | 930.2  |
| 137.5° | 982.1  | 981.7  | 980.9  | 980.2  | 979.4  | 978.6  | 979.4  | 980.2  | 980.9  | 981.7  | 982.1  |
| 140°   | 1036.2 | 1035.3 | 1033.5 | 1031.7 | 1029.9 | 1028.1 | 1029.9 | 1031.7 | 1033.5 | 1035.3 | 1036.2 |
| 142.5° | 1084.5 | 1083.9 | 1082.6 | 1081.3 | 1080.1 | 1078.8 | 1080.1 | 1081.3 | 1082.6 | 1083.9 | 1084.5 |
| 145°   | 1131.7 | 1131.2 | 1130.2 | 1129.1 | 1128.1 | 1127.1 | 1128.1 | 1129.1 | 1130.2 | 1131.2 | 1131.7 |
| 147.5° | 1177.8 | 1177.0 | 1175.5 | 1174.0 | 1172.4 | 1170.9 | 1172.4 | 1174.0 | 1175.5 | 1177.0 | 1177.8 |
| 150°   | 1219.2 | 1218.4 | 1216.9 | 1215.4 | 1213.8 | 1212.3 | 1213.8 | 1215.4 | 1216.9 | 1218.4 | 1219.2 |
| 152.5° | 1258.4 | 1257.8 | 1256.5 | 1255.2 | 1253.9 | 1252.6 | 1253.9 | 1255.2 | 1256.5 | 1257.8 | 1258.4 |
| 155°   | 1296.4 | 1295.5 | 1293.7 | 1291.9 | 1290.1 | 1288.3 | 1290.1 | 1291.9 | 1293.7 | 1295.5 | 1296.4 |
| 157.5° | 1328.6 | 1327.8 | 1326.3 | 1324.8 | 1323.2 | 1321.7 | 1323.2 | 1324.8 | 1326.3 | 1327.8 | 1328.6 |
| 160°   | 1358.5 | 1358.0 | 1357.0 | 1355.9 | 1354.9 | 1353.9 | 1354.9 | 1355.9 | 1357.0 | 1358.0 | 1358.5 |
| 162.5° | 1386.2 | 1385.3 | 1383.5 | 1381.7 | 1379.9 | 1378.1 | 1379.9 | 1381.7 | 1383.5 | 1385.3 | 1386.2 |
| 165°   | 1409.2 | 1408.3 | 1406.5 | 1404.7 | 1402.9 | 1401.1 | 1402.9 | 1404.7 | 1406.5 | 1408.3 | 1409.2 |
| 167.5° | 1428.8 | 1428.0 | 1426.5 | 1424.9 | 1423.4 | 1421.8 | 1423.4 | 1424.9 | 1426.5 | 1428.0 | 1428.8 |
| 170°   | 1444.9 | 1444.0 | 1442.2 | 1440.4 | 1438.6 | 1436.8 | 1438.6 | 1440.4 | 1442.2 | 1444.0 | 1444.9 |
| 172.5° | 1456.4 | 1455.5 | 1453.7 | 1451.9 | 1450.1 | 1448.3 | 1450.1 | 1451.9 | 1453.7 | 1455.5 | 1456.4 |
| 175°   | 1464.4 | 1463.5 | 1461.7 | 1460.0 | 1458.2 | 1456.4 | 1458.2 | 1460.0 | 1461.7 | 1463.5 | 1464.4 |
| 177.5° | 1469.1 | 1468.2 | 1466.4 | 1464.6 | 1462.8 | 1461.0 | 1462.8 | 1464.6 | 1466.4 | 1468.2 | 1469.1 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

TEST NUMBER: P1011065

CATALOG NUMBER: S123DIP-B1000D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 | 1384.3 |
| 2.5°   | 1314.5 | 1317.2 | 1318.6 | 1313.2 | 1309.2 | 1315.9 | 1325.3 | 1332.0 | 1337.3 | 1344.0 | 1348.1 |
| 5°     | 1236.7 | 1246.1 | 1246.1 | 1248.8 | 1252.8 | 1259.5 | 1277.0 | 1289.1 | 1299.8 | 1307.8 | 1314.5 |
| 7.5°   | 1171.0 | 1177.7 | 1181.7 | 1188.4 | 1195.2 | 1204.5 | 1224.7 | 1242.1 | 1258.2 | 1267.6 | 1278.3 |
| 10°    | 1112.0 | 1117.4 | 1124.1 | 1128.1 | 1140.2 | 1153.6 | 1179.1 | 1193.8 | 1212.6 | 1227.3 | 1240.8 |
| 12.5°  | 1055.7 | 1074.4 | 1078.5 | 1077.1 | 1087.8 | 1102.6 | 1128.1 | 1150.9 | 1171.0 | 1185.8 | 1200.5 |
| 15°    | 1015.4 | 1022.1 | 1030.2 | 1028.8 | 1051.6 | 1055.7 | 1077.1 | 1103.9 | 1130.8 | 1140.2 | 1153.6 |
| 17.5°  | 971.1  | 981.9  | 989.9  | 994.0  | 1000.7 | 1015.4 | 1035.5 | 1055.7 | 1090.5 | 1091.9 | 1126.7 |
| 20°    | 936.3  | 947.0  | 952.4  | 957.7  | 961.8  | 979.2  | 996.6  | 1019.4 | 1047.6 | 1062.4 | 1081.1 |
| 22.5°  | 913.5  | 918.8  | 922.9  | 926.9  | 932.2  | 941.6  | 963.1  | 988.6  | 1007.4 | 1023.5 | 1035.5 |
| 25°    | 886.6  | 892.0  | 897.4  | 900.1  | 904.1  | 909.4  | 925.5  | 945.7  | 972.5  | 983.2  | 995.3  |
| 27.5°  | 867.9  | 867.9  | 870.5  | 870.5  | 875.9  | 881.3  | 893.3  | 912.1  | 933.6  | 947.0  | 963.1  |
| 30°    | 847.7  | 846.4  | 847.7  | 846.4  | 845.1  | 853.1  | 863.8  | 879.9  | 894.7  | 910.8  | 921.5  |
| 32.5°  | 827.6  | 826.3  | 826.3  | 827.6  | 822.3  | 826.3  | 831.6  | 846.4  | 862.5  | 870.5  | 882.6  |
| 35°    | 806.2  | 803.5  | 803.5  | 803.5  | 800.8  | 798.1  | 803.5  | 816.9  | 827.6  | 838.4  | 847.7  |
| 37.5°  | 784.7  | 780.7  | 780.7  | 778.0  | 775.3  | 771.3  | 771.3  | 782.0  | 796.8  | 800.8  | 812.9  |
| 40°    | 755.2  | 755.2  | 752.5  | 751.2  | 748.5  | 745.8  | 741.8  | 751.2  | 764.6  | 768.6  | 778.0  |
| 42.5°  | 725.7  | 721.7  | 720.3  | 720.3  | 720.3  | 716.3  | 713.6  | 720.3  | 728.4  | 735.1  | 740.4  |
| 45°    | 692.1  | 689.5  | 690.8  | 689.5  | 686.8  | 685.4  | 684.1  | 686.8  | 696.2  | 698.9  | 705.6  |
| 47.5°  | 655.9  | 654.6  | 654.6  | 653.2  | 651.9  | 653.2  | 647.9  | 654.6  | 657.3  | 660.0  | 665.3  |
| 50°    | 618.4  | 617.0  | 615.7  | 614.3  | 614.3  | 615.7  | 614.3  | 614.3  | 619.7  | 622.4  | 627.8  |
| 52.5°  | 580.8  | 576.8  | 576.8  | 575.4  | 575.4  | 572.8  | 575.4  | 576.8  | 579.5  | 582.2  | 584.8  |
| 55°    | 540.6  | 540.6  | 536.5  | 536.5  | 533.9  | 533.9  | 535.2  | 533.9  | 539.2  | 541.9  | 541.9  |
| 57.5°  | 501.7  | 496.3  | 497.6  | 495.0  | 492.3  | 490.9  | 490.9  | 493.6  | 496.3  | 496.3  | 499.0  |
| 60°    | 460.1  | 454.7  | 453.4  | 448.0  | 450.7  | 446.7  | 448.0  | 448.0  | 453.4  | 450.7  | 453.4  |
| 62.5°  | 418.5  | 411.8  | 407.8  | 405.1  | 405.1  | 406.4  | 403.8  | 402.4  | 405.1  | 407.8  | 413.1  |
| 65°    | 374.2  | 370.2  | 366.2  | 362.2  | 362.2  | 360.8  | 363.5  | 359.5  | 358.1  | 359.5  | 362.2  |
| 67.5°  | 328.6  | 324.6  | 320.6  | 316.6  | 317.9  | 313.9  | 311.2  | 315.2  | 312.5  | 313.9  | 316.6  |
| 70°    | 284.4  | 281.7  | 273.6  | 271.0  | 269.6  | 271.0  | 269.6  | 266.9  | 271.0  | 269.6  | 271.0  |
| 72.5°  | 240.1  | 237.4  | 233.4  | 226.7  | 226.7  | 225.3  | 224.0  | 224.0  | 222.7  | 222.7  | 222.7  |
| 75°    | 197.2  | 191.8  | 187.8  | 186.4  | 183.8  | 182.4  | 181.1  | 178.4  | 179.7  | 181.1  | 178.4  |
| 77.5°  | 152.9  | 146.2  | 144.9  | 144.9  | 140.8  | 140.8  | 142.2  | 140.8  | 139.5  | 139.5  | 139.5  |
| 80°    | 112.7  | 107.3  | 107.3  | 104.6  | 101.9  | 101.9  | 101.9  | 101.9  | 100.6  | 99.3   | 100.6  |
| 82.5°  | 72.4   | 71.1   | 69.8   | 69.8   | 72.4   | 67.1   | 69.8   | 68.4   | 67.1   | 67.1   | 65.7   |
| 85°    | 40.2   | 41.6   | 40.2   | 41.6   | 38.9   | 40.2   | 40.2   | 40.2   | 38.9   | 40.2   | 37.6   |
| 87.5°  | 14.8   | 14.8   | 14.8   | 16.1   | 16.1   | 16.1   | 16.1   | 16.1   | 17.4   | 16.1   | 16.1   |
| 90°    | 31.7   | 30.7   | 29.6   | 28.6   | 27.6   | 24.3   | 21.0   | 17.7   | 14.4   | 12.7   | 11.4   |
| 92.5°  | 51.4   | 50.7   | 49.9   | 49.2   | 48.4   | 46.8   | 45.3   | 43.7   | 42.2   | 41.4   | 40.6   |
| 95°    | 89.3   | 88.3   | 87.2   | 86.2   | 85.2   | 83.2   | 81.1   | 79.1   | 77.0   | 76.0   | 75.1   |
| 97.5°  | 129.5  | 128.2  | 126.9  | 125.6  | 124.3  | 122.8  | 121.2  | 119.7  | 118.2  | 117.4  | 116.8  |
| 100°   | 172.3  | 171.5  | 170.8  | 170.0  | 169.2  | 167.9  | 166.7  | 165.4  | 164.1  | 163.5  | 162.7  |
| 102.5° | 223.0  | 222.2  | 221.5  | 220.7  | 219.9  | 218.1  | 216.3  | 214.5  | 212.7  | 211.8  | 211.4  |
| 105°   | 271.7  | 271.7  | 271.7  | 271.7  | 271.7  | 269.4  | 267.1  | 264.8  | 262.5  | 261.3  | 261.0  |
| 107.5° | 327.7  | 327.0  | 326.2  | 325.5  | 324.7  | 323.7  | 322.7  | 321.6  | 320.6  | 320.1  | 320.0  |
| 110°   | 382.9  | 381.9  | 380.8  | 379.8  | 378.8  | 378.3  | 377.8  | 377.3  | 376.8  | 376.5  | 376.2  |

TEST NUMBER: P1011065

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 438.0  | 436.7  | 435.4  | 434.2  | 432.9  | 432.9  | 432.9  | 432.9  | 432.9  | 432.9  | 432.8  |
| 115°   | 491.5  | 491.2  | 491.0  | 490.7  | 490.5  | 491.0  | 491.5  | 492.0  | 492.5  | 492.8  | 492.4  |
| 117.5° | 546.9  | 546.9  | 546.9  | 546.9  | 546.9  | 547.4  | 547.9  | 548.4  | 548.9  | 549.2  | 549.1  |
| 120°   | 602.2  | 602.5  | 602.8  | 603.0  | 603.3  | 604.6  | 605.8  | 607.1  | 608.4  | 609.0  | 608.2  |
| 122.5° | 657.8  | 658.5  | 659.3  | 660.0  | 660.8  | 661.3  | 661.8  | 662.3  | 662.8  | 663.1  | 662.6  |
| 125°   | 713.2  | 714.2  | 715.3  | 716.3  | 717.3  | 717.8  | 718.3  | 718.8  | 719.3  | 719.6  | 719.2  |
| 127.5° | 767.6  | 769.1  | 770.6  | 772.2  | 773.7  | 774.2  | 774.7  | 775.2  | 775.7  | 776.0  | 775.2  |
| 130°   | 823.7  | 824.7  | 825.8  | 826.8  | 827.8  | 828.6  | 829.3  | 830.1  | 830.8  | 831.2  | 830.2  |
| 132.5° | 876.7  | 878.0  | 879.3  | 880.6  | 881.9  | 882.4  | 882.9  | 883.4  | 883.9  | 884.2  | 883.2  |
| 135°   | 930.7  | 931.8  | 932.8  | 933.9  | 934.9  | 935.1  | 935.4  | 935.6  | 935.9  | 936.0  | 935.2  |
| 137.5° | 982.7  | 984.0  | 985.3  | 986.5  | 987.8  | 987.0  | 986.3  | 985.5  | 984.8  | 984.4  | 983.8  |
| 140°   | 1036.3 | 1036.6 | 1036.8 | 1037.1 | 1037.3 | 1037.1 | 1036.8 | 1036.6 | 1036.3 | 1036.2 | 1035.6 |
| 142.5° | 1084.6 | 1084.9 | 1085.2 | 1085.4 | 1085.7 | 1085.2 | 1084.7 | 1084.2 | 1083.7 | 1083.4 | 1082.8 |
| 145°   | 1131.8 | 1132.1 | 1132.4 | 1132.6 | 1132.9 | 1132.1 | 1131.3 | 1130.6 | 1129.8 | 1129.4 | 1129.1 |
| 147.5° | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.0 | 1176.2 | 1175.5 | 1174.7 | 1174.3 | 1173.8 |
| 150°   | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1218.7 | 1218.2 | 1217.7 | 1217.2 | 1216.9 | 1216.6 |
| 152.5° | 1258.1 | 1257.6 | 1257.1 | 1256.6 | 1256.1 | 1255.8 | 1255.6 | 1255.3 | 1255.0 | 1254.9 | 1254.5 |
| 155°   | 1295.9 | 1294.9 | 1293.8 | 1292.8 | 1291.8 | 1291.5 | 1291.3 | 1291.0 | 1290.7 | 1290.6 | 1290.6 |
| 157.5° | 1328.1 | 1327.1 | 1326.0 | 1325.0 | 1324.0 | 1323.7 | 1323.5 | 1323.2 | 1322.9 | 1322.8 | 1322.9 |
| 160°   | 1357.9 | 1356.6 | 1355.3 | 1354.1 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1353.1 |
| 162.5° | 1385.6 | 1384.3 | 1383.0 | 1381.7 | 1380.4 | 1380.1 | 1379.9 | 1379.6 | 1379.3 | 1379.2 | 1379.6 |
| 165°   | 1408.4 | 1406.9 | 1405.4 | 1403.8 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.7 |
| 167.5° | 1428.0 | 1426.5 | 1424.9 | 1423.4 | 1421.8 | 1421.6 | 1421.3 | 1421.1 | 1420.8 | 1420.7 | 1421.2 |
| 170°   | 1444.0 | 1442.2 | 1440.4 | 1438.6 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1437.3 |
| 172.5° | 1455.6 | 1454.1 | 1452.6 | 1451.0 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1450.0 |
| 175°   | 1463.6 | 1462.1 | 1460.6 | 1459.0 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1458.0 |
| 177.5° | 1468.3 | 1466.8 | 1465.2 | 1463.7 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.6 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

TEST NUMBER: P1011065

CATALOG NUMBER: S123DIP-B1000D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1384.3 | 1384.3 | 1384.3 | 1384.3 |
| 2.5°   | 1354.8 | 1358.8 | 1372.2 | 1388.3 |
| 5°     | 1327.9 | 1338.7 | 1357.5 | 1382.9 |
| 7.5°   | 1298.4 | 1314.5 | 1341.4 | 1373.6 |
| 10°    | 1264.9 | 1287.7 | 1321.2 | 1361.5 |
| 12.5°  | 1228.7 | 1258.2 | 1301.1 | 1342.7 |
| 15°    | 1205.9 | 1235.4 | 1274.3 | 1319.9 |
| 17.5°  | 1161.6 | 1196.5 | 1236.7 | 1301.1 |
| 20°    | 1116.0 | 1154.9 | 1207.2 | 1271.6 |
| 22.5°  | 1081.1 | 1122.7 | 1172.4 | 1240.8 |
| 25°    | 1039.6 | 1082.5 | 1136.1 | 1207.2 |
| 27.5°  | 995.3  | 1038.2 | 1098.6 | 1173.7 |
| 30°    | 961.8  | 1003.3 | 1061.0 | 1141.5 |
| 32.5°  | 921.5  | 961.8  | 1022.1 | 1106.6 |
| 35°    | 875.9  | 921.5  | 979.2  | 1065.0 |
| 37.5°  | 841.0  | 882.6  | 943.0  | 1024.8 |
| 40°    | 803.5  | 839.7  | 898.7  | 979.2  |
| 42.5°  | 763.2  | 803.5  | 854.4  | 934.9  |
| 45°    | 725.7  | 755.2  | 807.5  | 884.0  |
| 47.5°  | 685.4  | 719.0  | 759.2  | 818.2  |
| 50°    | 642.5  | 670.7  | 714.9  | 755.2  |
| 52.5°  | 600.9  | 623.7  | 661.3  | 692.1  |
| 55°    | 556.7  | 579.5  | 607.6  | 626.4  |
| 57.5°  | 515.1  | 531.2  | 550.0  | 562.0  |
| 60°    | 464.1  | 480.2  | 492.3  | 504.4  |
| 62.5°  | 418.5  | 430.6  | 437.3  | 444.0  |
| 65°    | 371.6  | 378.3  | 382.3  | 387.7  |
| 67.5°  | 320.6  | 327.3  | 328.6  | 336.7  |
| 70°    | 273.6  | 275.0  | 277.7  | 281.7  |
| 72.5°  | 229.4  | 232.1  | 230.7  | 233.4  |
| 75°    | 183.8  | 186.4  | 183.8  | 186.4  |
| 77.5°  | 139.5  | 142.2  | 142.2  | 146.2  |
| 80°    | 100.6  | 101.9  | 103.3  | 103.3  |
| 82.5°  | 65.7   | 69.8   | 67.1   | 68.4   |
| 85°    | 37.6   | 38.9   | 38.9   | 40.2   |
| 87.5°  | 17.4   | 18.8   | 17.4   | 20.1   |
| 90°    | 8.9    | 6.3    | 3.8    | 1.2    |
| 92.5°  | 39.1   | 37.6   | 36.0   | 34.5   |
| 95°    | 73.3   | 71.5   | 69.7   | 67.9   |
| 97.5°  | 115.5  | 114.2  | 113.0  | 111.7  |
| 100°   | 161.2  | 159.7  | 158.1  | 156.6  |
| 102.5° | 210.7  | 209.9  | 209.2  | 208.4  |
| 105°   | 260.5  | 260.0  | 259.5  | 259.0  |
| 107.5° | 319.7  | 319.4  | 319.2  | 318.9  |
| 110°   | 375.7  | 375.2  | 374.7  | 374.2  |

TEST NUMBER: P1011065

CATALOG NUMBER: S123DIP-B1000D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 432.5  | 432.2  | 432.0  | 431.7  |
| 115°   | 491.6  | 490.9  | 490.1  | 489.3  |
| 117.5° | 548.8  | 548.5  | 548.3  | 548.0  |
| 120°   | 606.7  | 605.2  | 603.6  | 602.1  |
| 122.5° | 661.6  | 660.5  | 659.5  | 658.5  |
| 125°   | 718.4  | 717.7  | 716.9  | 716.1  |
| 127.5° | 773.7  | 772.2  | 770.6  | 769.1  |
| 130°   | 828.1  | 826.1  | 824.0  | 822.0  |
| 132.5° | 881.1  | 879.1  | 877.0  | 875.0  |
| 135°   | 933.7  | 932.2  | 930.6  | 929.1  |
| 137.5° | 982.5  | 981.2  | 979.9  | 978.6  |
| 140°   | 1034.3 | 1033.0 | 1031.7 | 1030.4 |
| 142.5° | 1081.5 | 1080.2 | 1078.9 | 1077.6 |
| 145°   | 1128.6 | 1128.1 | 1127.6 | 1127.1 |
| 147.5° | 1172.8 | 1171.7 | 1170.7 | 1169.7 |
| 150°   | 1216.1 | 1215.6 | 1215.1 | 1214.6 |
| 152.5° | 1253.8 | 1253.0 | 1252.3 | 1251.5 |
| 155°   | 1290.6 | 1290.6 | 1290.6 | 1290.6 |
| 157.5° | 1323.2 | 1323.5 | 1323.7 | 1324.0 |
| 160°   | 1353.6 | 1354.1 | 1354.6 | 1355.1 |
| 162.5° | 1380.4 | 1381.1 | 1381.9 | 1382.7 |
| 165°   | 1403.4 | 1404.2 | 1404.9 | 1405.7 |
| 167.5° | 1422.2 | 1423.3 | 1424.3 | 1425.3 |
| 170°   | 1438.3 | 1439.4 | 1440.4 | 1441.4 |
| 172.5° | 1451.0 | 1452.1 | 1453.1 | 1454.1 |
| 175°   | 1459.0 | 1460.1 | 1461.1 | 1462.1 |
| 177.5° | 1463.6 | 1464.7 | 1465.7 | 1466.7 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

(END OF REPORT)