

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: P1012114

Luminaire Tested: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1012114  
REPORT IS A COMBINATION OF REPORTS P992719 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A  
Description: Define 3 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}  
{m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

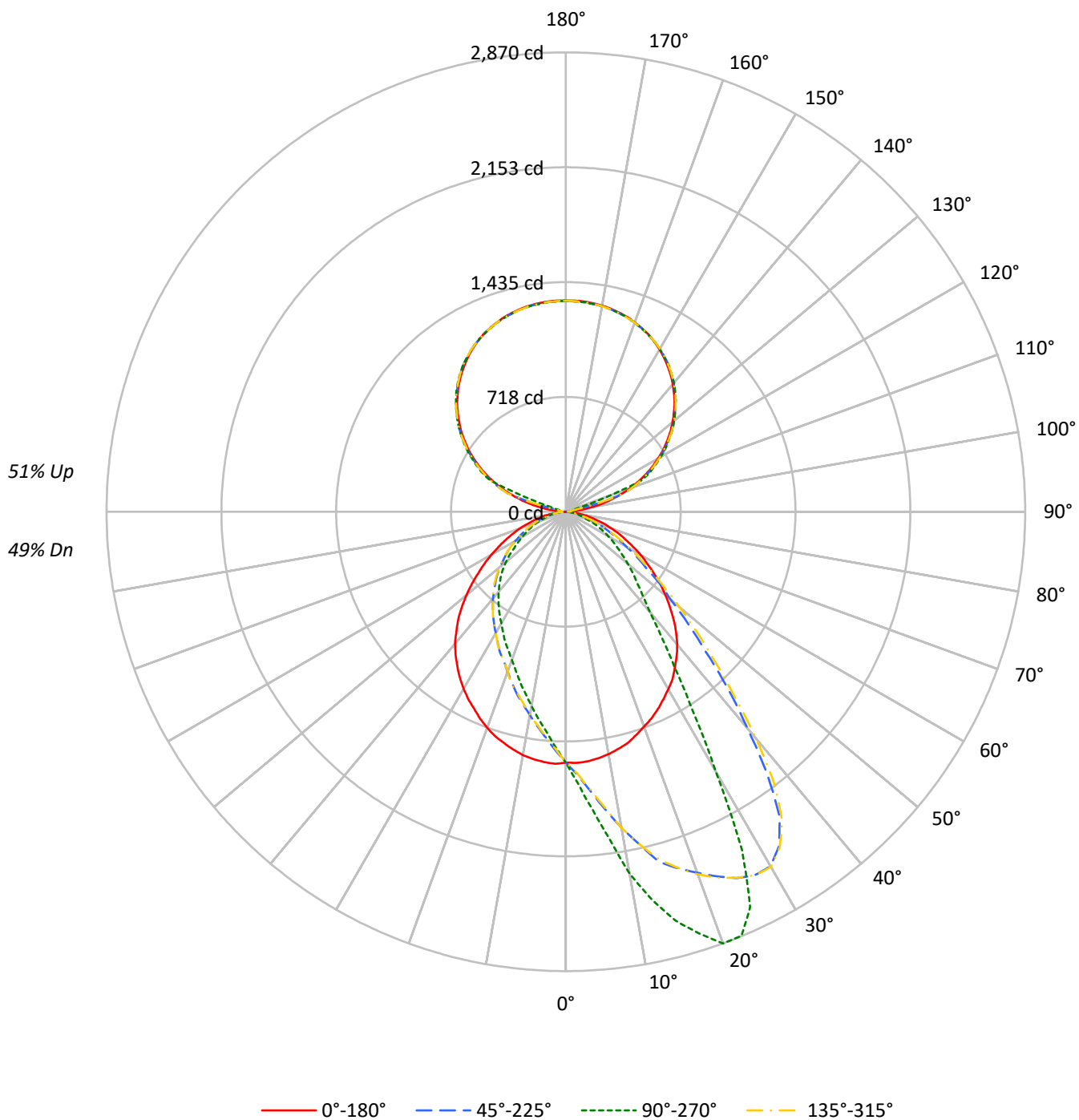
Lumens per Lamp: N/A  
Luminaire Lumens: 7924.0 lumens  
Efficiency: N/A  
Efficacy: 105.2 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 75.3  
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: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 55 | 55 | 55 |
| 1   | 98  | 94  | 90  | 87  | 90 | 87 | 84 | 81 | 74 | 71 | 69 | 61 | 60 | 58 | 50 | 49 | 48 |
| 2   | 90  | 83  | 77  | 72  | 83 | 77 | 72 | 67 | 65 | 61 | 58 | 54 | 52 | 50 | 45 | 43 | 41 |
| 3   | 82  | 73  | 66  | 61  | 76 | 68 | 62 | 57 | 58 | 53 | 50 | 49 | 45 | 43 | 40 | 38 | 36 |
| 4   | 76  | 65  | 58  | 52  | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 36 | 33 | 31 |
| 5   | 70  | 58  | 51  | 45  | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 39 | 36 | 32 | 33 | 30 | 28 |
| 6   | 64  | 53  | 45  | 39  | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 25 |
| 7   | 60  | 48  | 40  | 34  | 55 | 44 | 38 | 33 | 38 | 33 | 29 | 33 | 29 | 25 | 27 | 24 | 22 |
| 8   | 55  | 43  | 36  | 31  | 51 | 41 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 20 |
| 9   | 52  | 40  | 32  | 27  | 48 | 37 | 31 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 23 | 20 | 18 |
| 10  | 48  | 36  | 29  | 25  | 45 | 34 | 28 | 23 | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 16 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 16863 | 16863 | 16863 | 16863 |
| 5°  | 16876 | 19422 | 16919 | 14409 |
| 10° | 16727 | 23445 | 16800 | 12585 |
| 15° | 16554 | 26609 | 16554 | 11097 |
| 20° | 16216 | 28701 | 16306 | 9844  |
| 25° | 15967 | 27268 | 15936 | 8982  |
| 30° | 15678 | 18893 | 15645 | 8139  |
| 35° | 15329 | 12130 | 15261 | 7504  |
| 40° | 14897 | 8566  | 14824 | 6872  |
| 45° | 14143 | 6854  | 14123 | 6256  |
| 50° | 13217 | 5735  | 13173 | 5536  |
| 55° | 12176 | 4726  | 12078 | 4694  |
| 60° | 11153 | 3907  | 11043 | 3992  |
| 65° | 9955  | 3126  | 10020 | 3384  |
| 70° | 8846  | 2173  | 9085  | 2735  |
| 75° | 7501  | 1612  | 7806  | 2104  |
| 80° | 5972  | 1068  | 6482  | 1578  |
| 85° | 4255  | 505   | 4639  | 982   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 22513 cd/sqm

TEST NUMBER: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 153.9  | 1.9       |
| 10°-20°   | 481.6  | 6.1       |
| 20°-30°   | 758.5  | 9.6       |
| 30°-40°   | 788.7  | 10.0      |
| 40°-50°   | 674.8  | 8.5       |
| 50°-60°   | 514.5  | 6.5       |
| 60°-70°   | 329.6  | 4.2       |
| 70°-80°   | 157.9  | 2.0       |
| 80°-90°   | 44.2   | 0.6       |
| 90°-100°  | 46.5   | 0.6       |
| 100°-110° | 224.8  | 2.8       |
| 110°-120° | 551.0  | 7.0       |
| 120°-130° | 699.5  | 8.8       |
| 130°-140° | 747.2  | 9.4       |
| 140°-150° | 698.7  | 8.8       |
| 150°-160° | 563.6  | 7.1       |
| 160°-170° | 363.7  | 4.6       |
| 170°-180° | 125.3  | 1.6       |
| 0°-30°    | 1394.0 | 17.6      |
| 0°-40°    | 2182.7 | 27.5      |
| 0°-60°    | 3372.0 | 42.6      |
| 0°-90°    | 3903.6 | 49.3      |
| 90°-120°  | 822.3  | 10.4      |
| 90°-150°  | 2967.7 | 37.5      |
| 90°-180°  | 4020.0 | 50.7      |
| 0°-180°   | 7924.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1567 | 1567 | 1567 | 1567 | 1567 |      |
| 5°   | 1565 | 1860 | 1569 | 1380 | 1565 | 148  |
| 15°  | 1496 | 2644 | 1496 | 1102 | 1496 | 421  |
| 25°  | 1360 | 2724 | 1357 | 897  | 1360 | 626  |
| 35°  | 1187 | 1182 | 1182 | 731  | 1187 | 743  |
| 45°  | 952  | 630  | 951  | 575  | 952  | 733  |
| 55°  | 672  | 396  | 667  | 393  | 672  | 602  |
| 65°  | 412  | 228  | 414  | 247  | 412  | 411  |
| 75°  | 197  | 97   | 205  | 126  | 197  | 213  |
| 85°  | 44   | 23   | 48   | 44   | 44   | 49   |
| 90°  | 1    | 29   | 1    | 29   | 1    | 6    |
| 95°  | 60   | 37   | 60   | 37   | 60   | 71   |
| 105° | 292  | 43   | 292  | 43   | 292  | 310  |
| 115° | 548  | 576  | 548  | 576  | 548  | 541  |
| 125° | 772  | 788  | 772  | 788  | 772  | 690  |
| 135° | 961  | 971  | 961  | 971  | 961  | 740  |
| 145° | 1109 | 1120 | 1109 | 1120 | 1109 | 694  |
| 155° | 1222 | 1220 | 1222 | 1220 | 1222 | 563  |
| 165° | 1288 | 1286 | 1288 | 1286 | 1288 | 364  |
| 175° | 1319 | 1314 | 1319 | 1314 | 1319 | 126  |
| 180° | 1319 | 1319 | 1319 | 1319 | 1319 |      |

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CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1570.7 | 1581.4 | 1589.4 | 1594.8 | 1608.2 | 1616.3 | 1623.0 | 1635.0 | 1635.0 | 1637.7 | 1643.1 |
| 5°     | 1565.3 | 1588.1 | 1604.2 | 1625.6 | 1653.8 | 1667.2 | 1686.0 | 1702.1 | 1724.9 | 1737.0 | 1749.0 |
| 7.5°   | 1553.2 | 1585.4 | 1618.9 | 1651.1 | 1692.7 | 1719.5 | 1738.3 | 1779.9 | 1809.4 | 1845.6 | 1873.8 |
| 10°    | 1537.1 | 1581.4 | 1624.3 | 1673.9 | 1730.3 | 1770.5 | 1798.7 | 1853.7 | 1910.0 | 1961.0 | 2003.9 |
| 12.5°  | 1517.0 | 1570.7 | 1632.4 | 1692.7 | 1771.8 | 1812.1 | 1857.7 | 1926.1 | 2006.6 | 2071.0 | 2128.6 |
| 15°    | 1495.5 | 1557.2 | 1627.0 | 1700.8 | 1800.0 | 1856.4 | 1922.1 | 2005.2 | 2095.1 | 2187.7 | 2266.8 |
| 17.5°  | 1462.0 | 1539.8 | 1617.6 | 1724.9 | 1841.6 | 1875.1 | 1931.5 | 2045.5 | 2156.8 | 2240.0 | 2336.5 |
| 20°    | 1428.5 | 1515.7 | 1613.6 | 1710.2 | 1836.2 | 1914.0 | 1966.3 | 2087.1 | 2206.4 | 2307.0 | 2399.6 |
| 22.5°  | 1397.6 | 1488.8 | 1590.8 | 1712.8 | 1830.9 | 1908.7 | 1974.4 | 2100.5 | 2238.6 | 2351.3 | 2465.3 |
| 25°    | 1360.1 | 1459.3 | 1572.0 | 1687.3 | 1830.9 | 1889.9 | 1962.3 | 2108.5 | 2254.7 | 2384.8 | 2525.7 |
| 27.5°  | 1319.8 | 1420.4 | 1531.8 | 1649.8 | 1781.2 | 1868.4 | 1939.5 | 2096.4 | 2274.8 | 2414.3 | 2559.2 |
| 30°    | 1279.6 | 1382.9 | 1490.2 | 1596.1 | 1743.7 | 1826.8 | 1908.7 | 2081.7 | 2285.6 | 2445.2 | 2556.5 |
| 32.5°  | 1240.7 | 1327.9 | 1433.8 | 1537.1 | 1683.3 | 1774.5 | 1867.1 | 2066.9 | 2289.6 | 2423.7 | 2477.4 |
| 35°    | 1187.0 | 1278.3 | 1364.1 | 1474.1 | 1621.6 | 1711.5 | 1820.1 | 2065.6 | 2272.2 | 2355.3 | 2328.5 |
| 37.5°  | 1137.4 | 1213.9 | 1295.7 | 1393.6 | 1545.2 | 1661.9 | 1774.5 | 2030.7 | 2214.5 | 2219.8 | 2068.3 |
| 40°    | 1082.4 | 1145.5 | 1213.9 | 1317.2 | 1480.8 | 1596.1 | 1718.2 | 1977.1 | 2109.9 | 2030.7 | 1763.8 |
| 42.5°  | 1019.4 | 1075.7 | 1129.4 | 1230.0 | 1408.4 | 1537.1 | 1668.6 | 1910.0 | 1958.3 | 1775.9 | 1498.2 |
| 45°    | 952.3  | 997.9  | 1047.6 | 1153.5 | 1331.9 | 1459.3 | 1590.8 | 1806.7 | 1757.1 | 1499.6 | 1235.3 |
| 47.5°  | 882.6  | 921.5  | 969.8  | 1066.3 | 1250.1 | 1380.2 | 1504.9 | 1659.2 | 1533.1 | 1256.8 | 1035.5 |
| 50°    | 812.8  | 843.7  | 890.6  | 989.9  | 1166.9 | 1285.0 | 1400.3 | 1500.9 | 1323.9 | 1078.4 | 855.7  |
| 52.5°  | 744.4  | 768.6  | 816.8  | 901.3  | 1073.0 | 1185.7 | 1268.9 | 1307.8 | 1128.0 | 890.6  | 743.1  |
| 55°    | 672.0  | 698.8  | 731.0  | 816.8  | 987.2  | 1070.4 | 1125.3 | 1124.0 | 938.9  | 755.1  | 614.3  |
| 57.5°  | 602.2  | 626.4  | 654.6  | 740.4  | 878.5  | 934.9  | 981.8  | 959.0  | 783.3  | 618.3  | 527.1  |
| 60°    | 540.5  | 554.0  | 584.8  | 657.2  | 761.9  | 810.1  | 837.0  | 798.1  | 639.8  | 521.8  | 435.9  |
| 62.5°  | 473.5  | 486.9  | 512.4  | 580.8  | 645.2  | 670.6  | 693.4  | 643.8  | 528.5  | 425.2  | 372.9  |
| 65°    | 411.8  | 429.2  | 445.3  | 500.3  | 535.2  | 566.0  | 563.3  | 521.8  | 413.1  | 346.1  | 303.1  |
| 67.5°  | 358.1  | 364.8  | 378.2  | 411.8  | 427.9  | 450.7  | 452.0  | 405.1  | 332.6  | 281.7  | 256.2  |
| 70°    | 300.4  | 307.2  | 316.5  | 332.6  | 343.4  | 348.7  | 346.1  | 304.5  | 250.8  | 220.0  | 197.2  |
| 72.5°  | 250.8  | 249.5  | 256.2  | 256.2  | 266.9  | 265.6  | 257.5  | 225.3  | 190.5  | 165.0  | 151.6  |
| 75°    | 197.2  | 198.5  | 199.9  | 197.2  | 193.1  | 187.8  | 181.1  | 156.9  | 134.1  | 122.1  | 110.0  |
| 77.5°  | 154.2  | 151.6  | 152.9  | 143.5  | 138.2  | 132.8  | 123.4  | 111.3  | 92.5   | 89.9   | 84.5   |
| 80°    | 110.0  | 108.6  | 107.3  | 103.3  | 91.2   | 85.8   | 79.1   | 72.4   | 68.4   | 65.7   | 64.4   |
| 82.5°  | 73.8   | 73.8   | 71.1   | 63.0   | 56.3   | 52.3   | 51.0   | 48.3   | 44.3   | 44.3   | 42.9   |
| 85°    | 44.3   | 42.9   | 40.2   | 32.2   | 28.2   | 28.2   | 28.2   | 28.2   | 25.5   | 25.5   | 24.1   |
| 87.5°  | 17.4   | 16.1   | 12.1   | 12.1   | 10.7   | 10.7   | 10.7   | 9.4    | 9.4    | 8.0    | 8.0    |
| 90°    | 1.0    | 3.2    | 5.4    | 7.5    | 9.7    | 10.8   | 12.2   | 15.0   | 17.9   | 20.7   | 23.5   |
| 92.5°  | 22.5   | 21.2   | 19.9   | 18.6   | 17.3   | 16.7   | 17.7   | 19.6   | 21.6   | 23.5   | 25.5   |
| 95°    | 59.8   | 50.9   | 41.9   | 33.0   | 24.1   | 19.6   | 20.8   | 23.2   | 25.6   | 28.0   | 30.4   |
| 97.5°  | 108.8  | 102.7  | 96.6   | 90.5   | 84.4   | 81.3   | 75.8   | 64.7   | 53.6   | 42.5   | 31.4   |
| 100°   | 165.6  | 170.0  | 174.3  | 178.7  | 183.0  | 185.2  | 168.2  | 134.2  | 100.3  | 66.3   | 32.3   |
| 102.5° | 230.2  | 233.0  | 235.9  | 238.7  | 241.6  | 243.0  | 224.1  | 186.2  | 148.3  | 110.4  | 72.5   |
| 105°   | 292.0  | 294.4  | 296.8  | 299.1  | 301.5  | 302.7  | 292.9  | 273.3  | 253.8  | 234.2  | 214.6  |
| 107.5° | 357.6  | 359.6  | 361.5  | 363.5  | 365.4  | 366.4  | 368.0  | 371.3  | 374.6  | 377.8  | 381.1  |
| 110°   | 423.3  | 425.0  | 426.8  | 428.5  | 430.2  | 431.1  | 432.3  | 434.7  | 437.1  | 439.5  | 441.9  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 486.0  | 487.5  | 489.0  | 490.5  | 492.0  | 492.8  | 494.0  | 496.4  | 498.8  | 501.2  | 503.6  |
| 115°   | 547.7  | 549.0  | 550.3  | 551.6  | 552.9  | 553.6  | 554.6  | 556.5  | 558.5  | 560.4  | 562.4  |
| 117.5° | 608.4  | 609.9  | 611.5  | 613.0  | 614.5  | 615.3  | 615.8  | 616.9  | 618.0  | 619.1  | 620.2  |
| 120°   | 664.3  | 666.3  | 668.2  | 670.2  | 672.1  | 673.1  | 673.4  | 674.1  | 674.7  | 675.4  | 676.0  |
| 122.5° | 721.1  | 722.6  | 724.2  | 725.7  | 727.2  | 728.0  | 728.4  | 729.3  | 730.2  | 731.0  | 731.9  |
| 125°   | 772.1  | 773.8  | 775.6  | 777.3  | 779.0  | 779.9  | 780.3  | 781.2  | 782.1  | 782.9  | 783.8  |
| 127.5° | 823.0  | 824.7  | 826.5  | 828.2  | 829.9  | 830.8  | 831.3  | 832.4  | 833.5  | 834.6  | 835.7  |
| 130°   | 870.0  | 871.8  | 873.5  | 875.3  | 877.0  | 877.9  | 878.3  | 879.2  | 880.1  | 880.9  | 881.8  |
| 132.5° | 915.1  | 916.8  | 918.6  | 920.3  | 922.0  | 922.9  | 923.2  | 923.9  | 924.6  | 925.2  | 925.9  |
| 135°   | 961.2  | 962.5  | 963.8  | 965.1  | 966.4  | 967.0  | 967.4  | 968.3  | 969.2  | 970.0  | 970.9  |
| 137.5° | 1000.3 | 1002.1 | 1003.8 | 1005.6 | 1007.3 | 1008.2 | 1008.4 | 1008.8 | 1009.3 | 1009.7 | 1010.1 |
| 140°   | 1039.5 | 1040.8 | 1042.1 | 1043.4 | 1044.7 | 1045.4 | 1045.7 | 1046.4 | 1047.0 | 1047.7 | 1048.3 |
| 142.5° | 1075.8 | 1077.1 | 1078.4 | 1079.7 | 1081.0 | 1081.7 | 1082.0 | 1082.7 | 1083.3 | 1084.0 | 1084.6 |
| 145°   | 1109.1 | 1110.6 | 1112.2 | 1113.7 | 1115.2 | 1116.0 | 1116.2 | 1116.6 | 1117.1 | 1117.5 | 1117.9 |
| 147.5° | 1141.4 | 1142.5 | 1143.6 | 1144.7 | 1145.8 | 1146.3 | 1146.5 | 1147.0 | 1147.4 | 1147.9 | 1148.3 |
| 150°   | 1170.8 | 1171.5 | 1172.1 | 1172.8 | 1173.5 | 1173.8 | 1174.0 | 1174.4 | 1174.9 | 1175.3 | 1175.7 |
| 152.5° | 1197.3 | 1197.5 | 1197.7 | 1198.0 | 1198.2 | 1198.3 | 1198.4 | 1198.6 | 1198.8 | 1199.0 | 1199.2 |
| 155°   | 1221.8 | 1221.4 | 1220.9 | 1220.5 | 1220.0 | 1219.8 | 1219.9 | 1220.1 | 1220.4 | 1220.6 | 1220.8 |
| 157.5° | 1241.4 | 1241.4 | 1241.4 | 1241.4 | 1241.4 | 1241.4 | 1241.3 | 1241.1 | 1240.8 | 1240.6 | 1240.4 |
| 160°   | 1259.0 | 1258.8 | 1258.6 | 1258.3 | 1258.1 | 1258.0 | 1257.9 | 1257.7 | 1257.4 | 1257.2 | 1257.0 |
| 162.5° | 1275.7 | 1275.0 | 1274.4 | 1273.7 | 1273.0 | 1272.7 | 1272.6 | 1272.4 | 1272.1 | 1271.9 | 1271.7 |
| 165°   | 1288.4 | 1287.8 | 1287.1 | 1286.5 | 1285.8 | 1285.5 | 1285.4 | 1285.2 | 1284.9 | 1284.7 | 1284.5 |
| 167.5° | 1299.2 | 1298.3 | 1297.5 | 1296.6 | 1295.7 | 1295.3 | 1295.3 | 1295.3 | 1295.3 | 1295.3 | 1295.3 |
| 170°   | 1308.0 | 1307.1 | 1306.3 | 1305.4 | 1304.5 | 1304.1 | 1304.1 | 1304.1 | 1304.1 | 1304.1 | 1304.1 |
| 172.5° | 1313.9 | 1312.8 | 1311.7 | 1310.6 | 1309.5 | 1309.0 | 1309.1 | 1309.3 | 1309.5 | 1309.7 | 1309.9 |
| 175°   | 1318.8 | 1317.7 | 1316.6 | 1315.5 | 1314.4 | 1313.9 | 1314.0 | 1314.2 | 1314.4 | 1314.6 | 1314.8 |
| 177.5° | 1320.7 | 1319.6 | 1318.5 | 1317.4 | 1316.3 | 1315.8 | 1315.9 | 1316.1 | 1316.4 | 1316.6 | 1316.8 |
| 180°   | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 |

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CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1653.8 | 1653.8 | 1665.9 | 1678.0 | 1671.3 | 1675.3 | 1690.0 | 1684.7 | 1695.4 | 1694.1 | 1698.1 |
| 5°     | 1778.6 | 1793.3 | 1805.4 | 1830.9 | 1834.9 | 1830.9 | 1856.4 | 1863.1 | 1875.1 | 1860.4 | 1867.1 |
| 7.5°   | 1919.4 | 1950.2 | 1979.8 | 2017.3 | 2029.4 | 2032.1 | 2045.5 | 2064.3 | 2080.3 | 2050.8 | 2065.6 |
| 10°    | 2056.2 | 2103.1 | 2163.5 | 2197.0 | 2226.5 | 2237.3 | 2248.0 | 2260.1 | 2278.9 | 2296.3 | 2282.9 |
| 12.5°  | 2203.7 | 2272.2 | 2329.8 | 2390.2 | 2426.4 | 2422.4 | 2453.2 | 2461.3 | 2476.0 | 2480.1 | 2485.4 |
| 15°    | 2324.5 | 2421.0 | 2457.3 | 2547.1 | 2555.2 | 2582.0 | 2616.9 | 2647.7 | 2651.7 | 2643.7 | 2643.7 |
| 17.5°  | 2439.8 | 2523.0 | 2587.4 | 2659.8 | 2674.5 | 2697.3 | 2741.6 | 2756.4 | 2761.7 | 2760.4 | 2760.4 |
| 20°    | 2533.7 | 2588.7 | 2697.3 | 2757.7 | 2781.8 | 2811.4 | 2842.2 | 2861.0 | 2865.0 | 2870.4 | 2862.3 |
| 22.5°  | 2595.4 | 2678.6 | 2767.1 | 2816.7 | 2836.8 | 2847.6 | 2867.7 | 2873.1 | 2866.3 | 2867.7 | 2869.0 |
| 25°    | 2643.7 | 2725.5 | 2779.2 | 2792.6 | 2791.2 | 2777.8 | 2763.1 | 2737.6 | 2734.9 | 2724.2 | 2702.7 |
| 27.5°  | 2657.1 | 2688.0 | 2681.2 | 2626.3 | 2571.3 | 2565.9 | 2477.4 | 2429.1 | 2374.1 | 2382.1 | 2351.3 |
| 30°    | 2584.7 | 2544.4 | 2449.2 | 2309.7 | 2252.0 | 2158.1 | 2058.9 | 1955.6 | 1915.4 | 1871.1 | 1952.9 |
| 32.5°  | 2407.6 | 2264.1 | 2095.1 | 1914.0 | 1817.5 | 1734.3 | 1628.3 | 1553.2 | 1510.3 | 1474.1 | 1543.8 |
| 35°    | 2140.7 | 1916.7 | 1692.7 | 1521.0 | 1441.9 | 1366.8 | 1267.5 | 1230.0 | 1176.3 | 1181.7 | 1188.4 |
| 37.5°  | 1797.3 | 1550.5 | 1381.5 | 1212.5 | 1160.2 | 1129.4 | 1056.9 | 999.3  | 980.5  | 975.1  | 975.1  |
| 40°    | 1475.4 | 1272.9 | 1122.7 | 989.9  | 949.6  | 924.2  | 866.5  | 839.7  | 819.5  | 814.2  | 820.9  |
| 42.5°  | 1220.6 | 1047.6 | 930.9  | 842.3  | 814.2  | 782.0  | 757.8  | 724.3  | 720.3  | 710.9  | 723.0  |
| 45°    | 1024.7 | 874.5  | 787.3  | 723.0  | 698.8  | 686.7  | 659.9  | 639.8  | 631.7  | 630.4  | 639.8  |
| 47.5°  | 869.2  | 752.5  | 676.0  | 635.8  | 617.0  | 604.9  | 582.1  | 574.1  | 566.0  | 568.7  | 564.7  |
| 50°    | 729.7  | 642.5  | 592.9  | 556.6  | 544.6  | 532.5  | 517.7  | 509.7  | 505.7  | 505.7  | 504.3  |
| 52.5°  | 626.4  | 554.0  | 521.8  | 488.2  | 482.9  | 476.2  | 460.1  | 454.7  | 448.0  | 446.7  | 452.0  |
| 55°    | 536.5  | 486.9  | 454.7  | 434.6  | 429.2  | 415.8  | 409.1  | 402.4  | 398.4  | 395.7  | 397.0  |
| 57.5°  | 458.7  | 421.2  | 399.7  | 382.3  | 372.9  | 367.5  | 355.4  | 354.1  | 351.4  | 351.4  | 350.1  |
| 60°    | 394.3  | 367.5  | 342.0  | 331.3  | 324.6  | 317.9  | 316.5  | 308.5  | 304.5  | 307.2  | 305.8  |
| 62.5°  | 334.0  | 312.5  | 297.8  | 285.7  | 281.7  | 276.3  | 272.3  | 269.6  | 265.6  | 266.9  | 266.9  |
| 65°    | 279.0  | 261.6  | 250.8  | 240.1  | 238.8  | 233.4  | 232.0  | 229.4  | 229.4  | 228.0  | 230.7  |
| 67.5°  | 229.4  | 217.3  | 207.9  | 201.2  | 197.2  | 198.5  | 193.1  | 189.1  | 189.1  | 187.8  | 191.8  |
| 70°    | 182.4  | 175.7  | 166.3  | 158.3  | 152.9  | 152.9  | 146.2  | 144.9  | 144.9  | 144.9  | 143.5  |
| 72.5°  | 140.8  | 128.8  | 124.7  | 122.1  | 122.1  | 122.1  | 119.4  | 119.4  | 118.0  | 119.4  | 118.0  |
| 75°    | 104.6  | 103.3  | 100.6  | 99.3   | 99.3   | 97.9   | 96.6   | 96.6   | 96.6   | 96.6   | 96.6   |
| 77.5°  | 81.8   | 81.8   | 79.1   | 77.8   | 77.8   | 77.8   | 76.5   | 76.5   | 75.1   | 75.1   | 75.1   |
| 80°    | 60.4   | 60.4   | 57.7   | 57.7   | 57.7   | 56.3   | 56.3   | 56.3   | 57.7   | 56.3   | 56.3   |
| 82.5°  | 41.6   | 41.6   | 40.2   | 41.6   | 40.2   | 38.9   | 38.9   | 38.9   | 37.6   | 38.9   | 38.9   |
| 85°    | 24.1   | 24.1   | 22.8   | 21.5   | 22.8   | 22.8   | 21.5   | 22.8   | 21.5   | 22.8   | 21.5   |
| 87.5°  | 9.4    | 8.0    | 8.0    | 8.0    | 6.7    | 8.0    | 6.7    | 6.7    | 8.0    | 6.7    | 8.0    |
| 90°    | 24.4   | 25.2   | 26.1   | 27.0   | 27.4   | 27.6   | 28.1   | 28.5   | 29.0   | 29.4   | 29.0   |
| 92.5°  | 27.0   | 28.5   | 30.0   | 31.5   | 32.3   | 32.4   | 32.6   | 32.9   | 33.1   | 33.3   | 33.1   |
| 95°    | 31.9   | 33.4   | 34.9   | 36.4   | 37.2   | 37.2   | 37.2   | 37.2   | 37.2   | 37.2   | 37.2   |
| 97.5°  | 33.1   | 34.9   | 36.6   | 38.3   | 39.2   | 39.3   | 39.5   | 39.8   | 40.0   | 40.2   | 40.0   |
| 100°   | 34.1   | 35.8   | 37.6   | 39.3   | 40.2   | 40.3   | 40.5   | 40.8   | 41.0   | 41.2   | 41.0   |
| 102.5° | 65.3   | 58.1   | 51.0   | 43.8   | 40.2   | 40.4   | 40.8   | 41.3   | 41.7   | 42.1   | 41.7   |
| 105°   | 176.1  | 137.5  | 99.0   | 60.5   | 41.2   | 41.4   | 41.8   | 42.3   | 42.7   | 43.1   | 42.7   |
| 107.5° | 347.6  | 314.0  | 280.5  | 247.0  | 230.2  | 215.9  | 187.4  | 158.9  | 130.4  | 101.9  | 130.4  |
| 110°   | 434.7  | 427.5  | 420.3  | 413.1  | 409.5  | 393.9  | 362.8  | 331.7  | 300.5  | 269.4  | 300.5  |

TEST NUMBER: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 505.6  | 507.5  | 509.5  | 511.4  | 512.4  | 512.2  | 511.8  | 511.3  | 510.9  | 510.5  | 510.9  |
| 115°   | 564.6  | 566.8  | 568.9  | 571.1  | 572.2  | 572.6  | 573.5  | 574.4  | 575.2  | 576.1  | 575.2  |
| 117.5° | 621.9  | 623.7  | 625.4  | 627.1  | 628.0  | 628.1  | 628.3  | 628.6  | 628.8  | 629.0  | 628.8  |
| 120°   | 677.8  | 679.5  | 681.3  | 683.0  | 683.9  | 683.9  | 683.9  | 683.9  | 683.9  | 683.9  | 683.9  |
| 122.5° | 733.0  | 734.1  | 735.2  | 736.3  | 736.8  | 736.9  | 737.1  | 737.4  | 737.6  | 737.8  | 737.6  |
| 125°   | 784.2  | 784.7  | 785.1  | 785.6  | 785.8  | 786.0  | 786.4  | 786.9  | 787.3  | 787.7  | 787.3  |
| 127.5° | 836.4  | 837.0  | 837.7  | 838.4  | 838.7  | 838.5  | 838.0  | 837.6  | 837.1  | 836.7  | 837.1  |
| 130°   | 882.7  | 883.5  | 884.4  | 885.3  | 885.7  | 885.5  | 885.0  | 884.6  | 884.1  | 883.7  | 884.1  |
| 132.5° | 926.8  | 927.6  | 928.5  | 929.4  | 929.8  | 929.5  | 928.8  | 928.2  | 927.5  | 926.9  | 927.5  |
| 135°   | 971.6  | 972.2  | 972.9  | 973.6  | 973.9  | 973.6  | 972.9  | 972.2  | 971.6  | 970.9  | 971.6  |
| 137.5° | 1011.2 | 1012.3 | 1013.4 | 1014.5 | 1015.0 | 1014.8 | 1014.4 | 1013.9 | 1013.5 | 1013.1 | 1013.5 |
| 140°   | 1049.2 | 1050.1 | 1051.0 | 1051.9 | 1052.3 | 1052.1 | 1051.6 | 1051.2 | 1050.7 | 1050.3 | 1050.7 |
| 142.5° | 1085.2 | 1085.9 | 1086.5 | 1087.2 | 1087.5 | 1087.2 | 1086.5 | 1085.9 | 1085.2 | 1084.6 | 1085.2 |
| 145°   | 1118.3 | 1118.8 | 1119.2 | 1119.7 | 1119.9 | 1119.9 | 1119.9 | 1119.9 | 1119.9 | 1119.9 | 1119.9 |
| 147.5° | 1148.7 | 1149.1 | 1149.6 | 1150.0 | 1150.2 | 1149.7 | 1148.6 | 1147.5 | 1146.4 | 1145.3 | 1146.4 |
| 150°   | 1176.1 | 1176.6 | 1177.0 | 1177.5 | 1177.7 | 1177.4 | 1176.7 | 1176.0 | 1175.4 | 1174.7 | 1175.4 |
| 152.5° | 1200.1 | 1201.0 | 1201.9 | 1202.8 | 1203.2 | 1202.7 | 1201.6 | 1200.5 | 1199.4 | 1198.3 | 1199.4 |
| 155°   | 1221.9 | 1223.0 | 1224.1 | 1225.2 | 1225.7 | 1225.0 | 1223.7 | 1222.4 | 1221.1 | 1219.8 | 1221.1 |
| 157.5° | 1241.7 | 1243.0 | 1244.3 | 1245.6 | 1246.3 | 1245.4 | 1243.7 | 1241.9 | 1240.2 | 1238.4 | 1240.2 |
| 160°   | 1258.3 | 1259.6 | 1260.9 | 1262.2 | 1262.9 | 1262.1 | 1260.6 | 1259.1 | 1257.6 | 1256.1 | 1257.6 |
| 162.5° | 1273.2 | 1274.8 | 1276.3 | 1277.8 | 1278.6 | 1277.9 | 1276.6 | 1275.3 | 1274.0 | 1272.7 | 1274.0 |
| 165°   | 1286.2 | 1288.0 | 1289.7 | 1291.4 | 1292.3 | 1291.5 | 1290.0 | 1288.5 | 1287.0 | 1285.5 | 1287.0 |
| 167.5° | 1297.0 | 1298.8 | 1300.5 | 1302.2 | 1303.1 | 1302.2 | 1300.5 | 1298.8 | 1297.0 | 1295.3 | 1297.0 |
| 170°   | 1305.8 | 1307.6 | 1309.3 | 1311.0 | 1311.9 | 1311.0 | 1309.3 | 1307.6 | 1305.8 | 1304.1 | 1305.8 |
| 172.5° | 1311.7 | 1313.4 | 1315.2 | 1316.9 | 1317.8 | 1316.8 | 1314.9 | 1312.9 | 1311.0 | 1309.0 | 1311.0 |
| 175°   | 1316.3 | 1317.9 | 1319.4 | 1320.9 | 1321.7 | 1320.8 | 1319.1 | 1317.4 | 1315.6 | 1313.9 | 1315.6 |
| 177.5° | 1318.5 | 1320.3 | 1322.0 | 1323.7 | 1324.6 | 1323.5 | 1321.3 | 1319.2 | 1317.0 | 1314.8 | 1317.0 |
| 180°   | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 |

TEST NUMBER: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1691.4 | 1683.3 | 1678.0 | 1673.9 | 1669.9 | 1682.0 | 1665.9 | 1648.5 | 1636.4 | 1628.3 | 1625.6 |
| 5°     | 1868.4 | 1851.0 | 1836.2 | 1824.2 | 1826.8 | 1826.8 | 1798.7 | 1767.8 | 1741.0 | 1726.2 | 1710.2 |
| 7.5°   | 2073.6 | 2054.9 | 2025.4 | 2018.6 | 2013.3 | 1979.8 | 1951.6 | 1895.2 | 1861.7 | 1828.2 | 1798.7 |
| 10°    | 2277.5 | 2253.4 | 2225.2 | 2215.8 | 2202.4 | 2160.8 | 2117.9 | 2045.5 | 2003.9 | 1942.2 | 1903.3 |
| 12.5°  | 2468.0 | 2438.5 | 2410.3 | 2403.6 | 2383.5 | 2347.3 | 2273.5 | 2198.4 | 2127.3 | 2061.6 | 1993.2 |
| 15°    | 2627.6 | 2619.5 | 2576.6 | 2549.8 | 2505.5 | 2455.9 | 2439.8 | 2337.9 | 2248.0 | 2179.6 | 2056.2 |
| 17.5°  | 2761.7 | 2724.2 | 2683.9 | 2666.5 | 2649.1 | 2591.4 | 2533.7 | 2429.1 | 2332.5 | 2231.9 | 2152.8 |
| 20°    | 2869.0 | 2827.4 | 2799.3 | 2773.8 | 2765.7 | 2700.0 | 2608.8 | 2516.3 | 2410.3 | 2297.6 | 2194.4 |
| 22.5°  | 2874.4 | 2869.0 | 2850.3 | 2835.5 | 2819.4 | 2776.5 | 2704.0 | 2588.7 | 2476.0 | 2352.6 | 2217.2 |
| 25°    | 2763.1 | 2755.0 | 2808.7 | 2795.3 | 2806.0 | 2789.9 | 2751.0 | 2654.4 | 2523.0 | 2378.1 | 2241.3 |
| 27.5°  | 2427.7 | 2509.6 | 2594.1 | 2623.6 | 2643.7 | 2701.4 | 2720.1 | 2666.5 | 2560.5 | 2406.3 | 2253.4 |
| 30°    | 1971.7 | 2080.3 | 2217.2 | 2290.9 | 2347.3 | 2454.6 | 2594.1 | 2611.5 | 2561.9 | 2438.5 | 2250.7 |
| 32.5°  | 1547.9 | 1647.1 | 1757.1 | 1844.3 | 1919.4 | 2139.4 | 2327.1 | 2462.6 | 2486.8 | 2422.4 | 2257.4 |
| 35°    | 1247.4 | 1290.3 | 1394.9 | 1478.1 | 1580.0 | 1767.8 | 1989.1 | 2207.8 | 2355.3 | 2363.4 | 2237.3 |
| 37.5°  | 1028.8 | 1051.6 | 1142.8 | 1189.7 | 1250.1 | 1415.1 | 1621.6 | 1907.3 | 2136.7 | 2245.3 | 2180.9 |
| 40°    | 851.7  | 904.0  | 956.3  | 983.2  | 1026.1 | 1140.1 | 1338.6 | 1562.6 | 1847.0 | 2048.2 | 2093.8 |
| 42.5°  | 739.1  | 761.9  | 795.4  | 832.9  | 859.8  | 959.0  | 1091.8 | 1297.0 | 1553.2 | 1833.5 | 1959.6 |
| 45°    | 651.9  | 659.9  | 694.8  | 718.9  | 747.1  | 816.8  | 910.7  | 1082.4 | 1307.8 | 1584.1 | 1798.7 |
| 47.5°  | 579.4  | 595.5  | 614.3  | 629.1  | 647.8  | 701.5  | 782.0  | 906.7  | 1105.2 | 1352.0 | 1582.7 |
| 50°    | 515.1  | 524.4  | 548.6  | 555.3  | 568.7  | 606.3  | 668.0  | 763.2  | 926.8  | 1124.0 | 1362.8 |
| 52.5°  | 454.7  | 472.1  | 481.5  | 490.9  | 503.0  | 533.8  | 574.1  | 651.9  | 775.3  | 960.4  | 1162.9 |
| 55°    | 407.8  | 413.1  | 426.5  | 434.6  | 444.0  | 465.4  | 500.3  | 558.0  | 654.6  | 802.1  | 993.9  |
| 57.5°  | 362.1  | 362.1  | 375.6  | 382.3  | 391.7  | 407.8  | 438.6  | 482.9  | 552.6  | 662.6  | 838.3  |
| 60°    | 313.9  | 315.2  | 325.9  | 334.0  | 336.7  | 352.8  | 378.2  | 413.1  | 466.8  | 547.2  | 690.8  |
| 62.5°  | 270.9  | 277.6  | 283.0  | 285.7  | 295.1  | 304.5  | 325.9  | 350.1  | 387.6  | 458.7  | 560.7  |
| 65°    | 234.7  | 236.1  | 240.1  | 242.8  | 246.8  | 257.5  | 273.6  | 289.7  | 321.9  | 374.2  | 457.4  |
| 67.5°  | 193.1  | 198.5  | 203.9  | 203.9  | 207.9  | 213.3  | 229.4  | 242.8  | 266.9  | 297.8  | 354.1  |
| 70°    | 144.9  | 147.5  | 155.6  | 159.6  | 165.0  | 174.4  | 182.4  | 190.5  | 209.2  | 232.0  | 275.0  |
| 72.5°  | 120.7  | 120.7  | 123.4  | 124.7  | 124.7  | 131.4  | 143.5  | 151.6  | 161.0  | 177.1  | 206.6  |
| 75°    | 96.6   | 96.6   | 100.6  | 99.3   | 101.9  | 104.6  | 106.0  | 111.3  | 116.7  | 128.8  | 146.2  |
| 77.5°  | 76.5   | 77.8   | 77.8   | 79.1   | 79.1   | 80.5   | 81.8   | 84.5   | 87.2   | 93.9   | 101.9  |
| 80°    | 56.3   | 57.7   | 57.7   | 59.0   | 59.0   | 60.4   | 61.7   | 63.0   | 65.7   | 68.4   | 72.4   |
| 82.5°  | 38.9   | 40.2   | 40.2   | 41.6   | 40.2   | 41.6   | 42.9   | 42.9   | 44.3   | 46.9   | 48.3   |
| 85°    | 22.8   | 22.8   | 24.1   | 22.8   | 22.8   | 22.8   | 24.1   | 24.1   | 25.5   | 29.5   | 29.5   |
| 87.5°  | 6.7    | 8.0    | 6.7    | 8.0    | 8.0    | 8.0    | 8.0    | 9.4    | 9.4    | 10.7   | 12.1   |
| 90°    | 28.5   | 28.1   | 27.6   | 27.4   | 27.0   | 26.1   | 25.2   | 24.4   | 23.5   | 20.7   | 17.9   |
| 92.5°  | 32.9   | 32.6   | 32.4   | 32.3   | 31.5   | 30.0   | 28.5   | 27.0   | 25.5   | 23.5   | 21.6   |
| 95°    | 37.2   | 37.2   | 37.2   | 37.2   | 36.4   | 34.9   | 33.4   | 31.9   | 30.4   | 28.0   | 25.6   |
| 97.5°  | 39.8   | 39.5   | 39.3   | 39.2   | 38.3   | 36.6   | 34.9   | 33.1   | 31.4   | 42.5   | 53.6   |
| 100°   | 40.8   | 40.5   | 40.3   | 40.2   | 39.3   | 37.6   | 35.8   | 34.1   | 32.3   | 66.3   | 100.3  |
| 102.5° | 41.3   | 40.8   | 40.4   | 40.2   | 43.8   | 51.0   | 58.1   | 65.3   | 72.5   | 110.4  | 148.3  |
| 105°   | 42.3   | 41.8   | 41.4   | 41.2   | 60.5   | 99.0   | 137.5  | 176.1  | 214.6  | 234.2  | 253.8  |
| 107.5° | 158.9  | 187.4  | 215.9  | 230.2  | 247.0  | 280.5  | 314.0  | 347.6  | 381.1  | 377.8  | 374.6  |
| 110°   | 331.7  | 362.8  | 393.9  | 409.5  | 413.1  | 420.3  | 427.5  | 434.7  | 441.9  | 439.5  | 437.1  |

TEST NUMBER: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 511.3  | 511.8  | 512.2  | 512.4  | 511.4  | 509.5  | 507.5  | 505.6  | 503.6  | 501.2  | 498.8  |
| 115°   | 574.4  | 573.5  | 572.6  | 572.2  | 571.1  | 568.9  | 566.8  | 564.6  | 562.4  | 560.4  | 558.5  |
| 117.5° | 628.6  | 628.3  | 628.1  | 628.0  | 627.1  | 625.4  | 623.7  | 621.9  | 620.2  | 619.1  | 618.0  |
| 120°   | 683.9  | 683.9  | 683.9  | 683.9  | 683.0  | 681.3  | 679.5  | 677.8  | 676.0  | 675.4  | 674.7  |
| 122.5° | 737.4  | 737.1  | 736.9  | 736.8  | 736.3  | 735.2  | 734.1  | 733.0  | 731.9  | 731.0  | 730.2  |
| 125°   | 786.9  | 786.4  | 786.0  | 785.8  | 785.6  | 785.1  | 784.7  | 784.2  | 783.8  | 782.9  | 782.1  |
| 127.5° | 837.6  | 838.0  | 838.5  | 838.7  | 838.4  | 837.7  | 837.0  | 836.4  | 835.7  | 834.6  | 833.5  |
| 130°   | 884.6  | 885.0  | 885.5  | 885.7  | 885.3  | 884.4  | 883.5  | 882.7  | 881.8  | 880.9  | 880.1  |
| 132.5° | 928.2  | 928.8  | 929.5  | 929.8  | 929.4  | 928.5  | 927.6  | 926.8  | 925.9  | 925.2  | 924.6  |
| 135°   | 972.2  | 972.9  | 973.6  | 973.9  | 973.6  | 972.9  | 972.2  | 971.6  | 970.9  | 970.0  | 969.2  |
| 137.5° | 1013.9 | 1014.4 | 1014.8 | 1015.0 | 1014.5 | 1013.4 | 1012.3 | 1011.2 | 1010.1 | 1009.7 | 1009.3 |
| 140°   | 1051.2 | 1051.6 | 1052.1 | 1052.3 | 1051.9 | 1051.0 | 1050.1 | 1049.2 | 1048.3 | 1047.7 | 1047.0 |
| 142.5° | 1085.9 | 1086.5 | 1087.2 | 1087.5 | 1087.2 | 1086.5 | 1085.9 | 1085.2 | 1084.6 | 1084.0 | 1083.3 |
| 145°   | 1119.9 | 1119.9 | 1119.9 | 1119.9 | 1119.7 | 1119.2 | 1118.8 | 1118.3 | 1117.9 | 1117.5 | 1117.1 |
| 147.5° | 1147.5 | 1148.6 | 1149.7 | 1150.2 | 1150.0 | 1149.6 | 1149.1 | 1148.7 | 1148.3 | 1147.9 | 1147.4 |
| 150°   | 1176.0 | 1176.7 | 1177.4 | 1177.7 | 1177.5 | 1177.0 | 1176.6 | 1176.1 | 1175.7 | 1175.3 | 1174.9 |
| 152.5° | 1200.5 | 1201.6 | 1202.7 | 1203.2 | 1202.8 | 1201.9 | 1201.0 | 1200.1 | 1199.2 | 1199.0 | 1198.8 |
| 155°   | 1222.4 | 1223.7 | 1225.0 | 1225.7 | 1225.2 | 1224.1 | 1223.0 | 1221.9 | 1220.8 | 1220.6 | 1220.4 |
| 157.5° | 1241.9 | 1243.7 | 1245.4 | 1246.3 | 1245.6 | 1244.3 | 1243.0 | 1241.7 | 1240.4 | 1240.6 | 1240.8 |
| 160°   | 1259.1 | 1260.6 | 1262.1 | 1262.9 | 1262.2 | 1260.9 | 1259.6 | 1258.3 | 1257.0 | 1257.2 | 1257.4 |
| 162.5° | 1275.3 | 1276.6 | 1277.9 | 1278.6 | 1277.8 | 1276.3 | 1274.8 | 1273.2 | 1271.7 | 1271.9 | 1272.1 |
| 165°   | 1288.5 | 1290.0 | 1291.5 | 1292.3 | 1291.4 | 1289.7 | 1288.0 | 1286.2 | 1284.5 | 1284.7 | 1284.9 |
| 167.5° | 1298.8 | 1300.5 | 1302.2 | 1303.1 | 1302.2 | 1300.5 | 1298.8 | 1297.0 | 1295.3 | 1295.3 | 1295.3 |
| 170°   | 1307.6 | 1309.3 | 1311.0 | 1311.9 | 1311.0 | 1309.3 | 1307.6 | 1305.8 | 1304.1 | 1304.1 | 1304.1 |
| 172.5° | 1312.9 | 1314.9 | 1316.8 | 1317.8 | 1316.9 | 1315.2 | 1313.4 | 1311.7 | 1309.9 | 1309.7 | 1309.5 |
| 175°   | 1317.4 | 1319.1 | 1320.8 | 1321.7 | 1320.9 | 1319.4 | 1317.9 | 1316.3 | 1314.8 | 1314.6 | 1314.4 |
| 177.5° | 1319.2 | 1321.3 | 1323.5 | 1324.6 | 1323.7 | 1322.0 | 1320.3 | 1318.5 | 1316.8 | 1316.6 | 1316.4 |
| 180°   | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1621.6 | 1614.9 | 1608.2 | 1608.2 | 1593.5 | 1580.0 | 1573.3 | 1576.0 | 1568.0 | 1557.2 | 1546.5 |
| 5°     | 1692.7 | 1665.9 | 1660.5 | 1645.8 | 1625.6 | 1597.5 | 1582.7 | 1569.3 | 1553.2 | 1531.8 | 1511.6 |
| 7.5°   | 1758.4 | 1723.6 | 1704.8 | 1690.0 | 1651.1 | 1612.2 | 1580.0 | 1558.6 | 1530.4 | 1498.2 | 1474.1 |
| 10°    | 1844.3 | 1779.9 | 1759.8 | 1726.2 | 1671.3 | 1616.3 | 1578.7 | 1543.8 | 1504.9 | 1467.4 | 1435.2 |
| 12.5°  | 1912.7 | 1838.9 | 1801.4 | 1767.8 | 1696.7 | 1627.0 | 1563.9 | 1521.0 | 1474.1 | 1432.5 | 1390.9 |
| 15°    | 1990.5 | 1907.3 | 1841.6 | 1801.4 | 1711.5 | 1627.0 | 1555.9 | 1495.5 | 1443.2 | 1392.3 | 1356.0 |
| 17.5°  | 2028.0 | 1923.4 | 1893.9 | 1836.2 | 1706.1 | 1621.6 | 1534.4 | 1470.1 | 1407.0 | 1348.0 | 1305.1 |
| 20°    | 2087.1 | 1965.0 | 1891.2 | 1852.3 | 1737.0 | 1612.2 | 1510.3 | 1436.5 | 1370.8 | 1307.8 | 1262.2 |
| 22.5°  | 2091.1 | 1958.3 | 1910.0 | 1836.2 | 1694.1 | 1584.1 | 1488.8 | 1399.0 | 1322.5 | 1263.5 | 1216.6 |
| 25°    | 2081.7 | 1946.2 | 1879.2 | 1820.1 | 1702.1 | 1568.0 | 1445.9 | 1357.4 | 1282.3 | 1213.9 | 1158.9 |
| 27.5°  | 2077.7 | 1911.3 | 1848.3 | 1789.3 | 1656.5 | 1521.0 | 1420.4 | 1319.8 | 1234.0 | 1173.6 | 1117.3 |
| 30°    | 2072.3 | 1873.8 | 1797.3 | 1728.9 | 1606.9 | 1484.8 | 1364.1 | 1276.9 | 1195.1 | 1118.6 | 1062.3 |
| 32.5°  | 2037.4 | 1822.8 | 1745.0 | 1672.6 | 1541.1 | 1419.1 | 1323.9 | 1231.3 | 1142.8 | 1071.7 | 1020.7 |
| 35°    | 2026.7 | 1775.9 | 1673.9 | 1596.1 | 1467.4 | 1358.7 | 1258.1 | 1181.7 | 1098.5 | 1027.4 | 967.1  |
| 37.5°  | 1995.8 | 1727.6 | 1617.6 | 1518.3 | 1384.2 | 1280.9 | 1207.2 | 1130.7 | 1050.2 | 973.8  | 925.5  |
| 40°    | 1942.2 | 1671.3 | 1546.5 | 1444.6 | 1306.4 | 1201.8 | 1133.4 | 1077.1 | 997.9  | 929.5  | 870.5  |
| 42.5°  | 1863.1 | 1613.6 | 1479.4 | 1372.1 | 1219.2 | 1121.3 | 1065.0 | 1011.3 | 944.3  | 873.2  | 824.9  |
| 45°    | 1771.8 | 1537.1 | 1412.4 | 1293.0 | 1137.4 | 1042.2 | 983.2  | 951.0  | 889.3  | 828.9  | 772.6  |
| 47.5°  | 1647.1 | 1458.0 | 1334.6 | 1211.2 | 1052.9 | 960.4  | 913.4  | 881.2  | 838.3  | 772.6  | 727.0  |
| 50°    | 1490.2 | 1356.0 | 1239.4 | 1129.4 | 969.8  | 881.2  | 834.3  | 810.1  | 773.9  | 727.0  | 682.7  |
| 52.5°  | 1315.8 | 1238.0 | 1141.4 | 1039.5 | 885.3  | 802.1  | 759.2  | 740.4  | 713.6  | 669.3  | 631.7  |
| 55°    | 1140.1 | 1106.6 | 1040.8 | 940.2  | 796.7  | 728.3  | 690.8  | 666.6  | 646.5  | 614.3  | 582.1  |
| 57.5°  | 983.2  | 967.1  | 921.5  | 843.7  | 723.0  | 651.9  | 619.7  | 603.6  | 587.5  | 563.3  | 531.2  |
| 60°    | 820.9  | 838.3  | 791.4  | 752.5  | 642.5  | 580.8  | 552.6  | 535.2  | 527.1  | 505.7  | 485.5  |
| 62.5°  | 680.0  | 696.1  | 669.3  | 639.8  | 562.0  | 507.0  | 489.6  | 473.5  | 468.1  | 449.3  | 429.2  |
| 65°    | 552.6  | 572.7  | 552.6  | 536.5  | 489.6  | 444.0  | 422.5  | 414.5  | 409.1  | 397.0  | 380.9  |
| 67.5°  | 439.9  | 460.1  | 450.7  | 430.6  | 415.8  | 378.2  | 366.2  | 358.1  | 355.4  | 346.1  | 332.6  |
| 70°    | 331.3  | 359.5  | 362.1  | 350.1  | 336.7  | 319.2  | 311.2  | 308.5  | 301.8  | 293.7  | 285.7  |
| 72.5°  | 238.8  | 270.9  | 272.3  | 272.3  | 264.2  | 264.2  | 256.2  | 252.2  | 252.2  | 244.1  | 234.7  |
| 75°    | 175.7  | 197.2  | 199.9  | 202.5  | 206.6  | 210.6  | 205.2  | 205.2  | 203.9  | 195.8  | 191.8  |
| 77.5°  | 116.7  | 135.5  | 142.2  | 151.6  | 156.9  | 156.9  | 159.6  | 162.3  | 159.6  | 155.6  | 152.9  |
| 80°    | 75.1   | 88.5   | 96.6   | 101.9  | 110.0  | 114.0  | 118.0  | 119.4  | 116.7  | 115.4  | 111.3  |
| 82.5°  | 49.6   | 53.7   | 57.7   | 64.4   | 73.8   | 80.5   | 80.5   | 79.1   | 81.8   | 80.5   | 79.1   |
| 85°    | 28.2   | 30.8   | 32.2   | 33.5   | 38.9   | 45.6   | 46.9   | 48.3   | 51.0   | 48.3   | 45.6   |
| 87.5°  | 10.7   | 12.1   | 12.1   | 12.1   | 14.8   | 16.1   | 20.1   | 25.5   | 24.1   | 21.5   | 21.5   |
| 90°    | 15.0   | 12.2   | 10.8   | 9.7    | 7.5    | 5.4    | 3.2    | 1.0    | 3.2    | 5.4    | 7.5    |
| 92.5°  | 19.6   | 17.7   | 16.7   | 17.3   | 18.6   | 19.9   | 21.2   | 22.5   | 21.2   | 19.9   | 18.6   |
| 95°    | 23.2   | 20.8   | 19.6   | 24.1   | 33.0   | 41.9   | 50.9   | 59.8   | 50.9   | 41.9   | 33.0   |
| 97.5°  | 64.7   | 75.8   | 81.3   | 84.4   | 90.5   | 96.6   | 102.7  | 108.8  | 102.7  | 96.6   | 90.5   |
| 100°   | 134.2  | 168.2  | 185.2  | 183.0  | 178.7  | 174.3  | 170.0  | 165.6  | 170.0  | 174.3  | 178.7  |
| 102.5° | 186.2  | 224.1  | 243.0  | 241.6  | 238.7  | 235.9  | 233.0  | 230.2  | 233.0  | 235.9  | 238.7  |
| 105°   | 273.3  | 292.9  | 302.7  | 301.5  | 299.1  | 296.8  | 294.4  | 292.0  | 294.4  | 296.8  | 299.1  |
| 107.5° | 371.3  | 368.0  | 366.4  | 365.4  | 363.5  | 361.5  | 359.6  | 357.6  | 359.6  | 361.5  | 363.5  |
| 110°   | 434.7  | 432.3  | 431.1  | 430.2  | 428.5  | 426.8  | 425.0  | 423.3  | 425.0  | 426.8  | 428.5  |

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CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 496.4  | 494.0  | 492.8  | 492.0  | 490.5  | 489.0  | 487.5  | 486.0  | 487.5  | 489.0  | 490.5  |
| 115°   | 556.5  | 554.6  | 553.6  | 552.9  | 551.6  | 550.3  | 549.0  | 547.7  | 549.0  | 550.3  | 551.6  |
| 117.5° | 616.9  | 615.8  | 615.3  | 614.5  | 613.0  | 611.5  | 609.9  | 608.4  | 609.9  | 611.5  | 613.0  |
| 120°   | 674.1  | 673.4  | 673.1  | 672.1  | 670.2  | 668.2  | 666.3  | 664.3  | 666.3  | 668.2  | 670.2  |
| 122.5° | 729.3  | 728.4  | 728.0  | 727.2  | 725.7  | 724.2  | 722.6  | 721.1  | 722.6  | 724.2  | 725.7  |
| 125°   | 781.2  | 780.3  | 779.9  | 779.0  | 777.3  | 775.6  | 773.8  | 772.1  | 773.8  | 775.6  | 777.3  |
| 127.5° | 832.4  | 831.3  | 830.8  | 829.9  | 828.2  | 826.5  | 824.7  | 823.0  | 824.7  | 826.5  | 828.2  |
| 130°   | 879.2  | 878.3  | 877.9  | 877.0  | 875.3  | 873.5  | 871.8  | 870.0  | 871.8  | 873.5  | 875.3  |
| 132.5° | 923.9  | 923.2  | 922.9  | 922.0  | 920.3  | 918.6  | 916.8  | 915.1  | 916.8  | 918.6  | 920.3  |
| 135°   | 968.3  | 967.4  | 967.0  | 966.4  | 965.1  | 963.8  | 962.5  | 961.2  | 962.5  | 963.8  | 965.1  |
| 137.5° | 1008.8 | 1008.4 | 1008.2 | 1007.3 | 1005.6 | 1003.8 | 1002.1 | 1000.3 | 1002.1 | 1003.8 | 1005.6 |
| 140°   | 1046.4 | 1045.7 | 1045.4 | 1044.7 | 1043.4 | 1042.1 | 1040.8 | 1039.5 | 1040.8 | 1042.1 | 1043.4 |
| 142.5° | 1082.7 | 1082.0 | 1081.7 | 1081.0 | 1079.7 | 1078.4 | 1077.1 | 1075.8 | 1077.1 | 1078.4 | 1079.7 |
| 145°   | 1116.6 | 1116.2 | 1116.0 | 1115.2 | 1113.7 | 1112.2 | 1110.6 | 1109.1 | 1110.6 | 1112.2 | 1113.7 |
| 147.5° | 1147.0 | 1146.5 | 1146.3 | 1145.8 | 1144.7 | 1143.6 | 1142.5 | 1141.4 | 1142.5 | 1143.6 | 1144.7 |
| 150°   | 1174.4 | 1174.0 | 1173.8 | 1173.5 | 1172.8 | 1172.1 | 1171.5 | 1170.8 | 1171.5 | 1172.1 | 1172.8 |
| 152.5° | 1198.6 | 1198.4 | 1198.3 | 1198.2 | 1198.0 | 1197.7 | 1197.5 | 1197.3 | 1197.5 | 1197.7 | 1198.0 |
| 155°   | 1220.1 | 1219.9 | 1219.8 | 1220.0 | 1220.5 | 1220.9 | 1221.4 | 1221.8 | 1221.4 | 1220.9 | 1220.5 |
| 157.5° | 1241.1 | 1241.3 | 1241.4 | 1241.4 | 1241.4 | 1241.4 | 1241.4 | 1241.4 | 1241.4 | 1241.4 | 1241.4 |
| 160°   | 1257.7 | 1257.9 | 1258.0 | 1258.1 | 1258.3 | 1258.6 | 1258.8 | 1259.0 | 1258.8 | 1258.6 | 1258.3 |
| 162.5° | 1272.4 | 1272.6 | 1272.7 | 1273.0 | 1273.7 | 1274.4 | 1275.0 | 1275.7 | 1275.0 | 1274.4 | 1273.7 |
| 165°   | 1285.2 | 1285.4 | 1285.5 | 1285.8 | 1286.5 | 1287.1 | 1287.8 | 1288.4 | 1287.8 | 1287.1 | 1286.5 |
| 167.5° | 1295.3 | 1295.3 | 1295.3 | 1295.7 | 1296.6 | 1297.5 | 1298.3 | 1299.2 | 1298.3 | 1297.5 | 1296.6 |
| 170°   | 1304.1 | 1304.1 | 1304.1 | 1304.5 | 1305.4 | 1306.3 | 1307.1 | 1308.0 | 1307.1 | 1306.3 | 1305.4 |
| 172.5° | 1309.3 | 1309.1 | 1309.0 | 1309.5 | 1310.6 | 1311.7 | 1312.8 | 1313.9 | 1312.8 | 1311.7 | 1310.6 |
| 175°   | 1314.2 | 1314.0 | 1313.9 | 1314.4 | 1315.5 | 1316.6 | 1317.7 | 1318.8 | 1317.7 | 1316.6 | 1315.5 |
| 177.5° | 1316.1 | 1315.9 | 1315.8 | 1316.3 | 1317.4 | 1318.5 | 1319.6 | 1320.7 | 1319.6 | 1318.5 | 1317.4 |
| 180°   | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1546.5 | 1539.8 | 1537.1 | 1530.4 | 1514.3 | 1503.6 | 1491.5 | 1483.5 | 1484.8 | 1478.1 | 1482.1 |
| 5°     | 1498.2 | 1496.9 | 1487.5 | 1474.1 | 1451.3 | 1439.2 | 1417.7 | 1407.0 | 1401.7 | 1403.0 | 1394.9 |
| 7.5°   | 1458.0 | 1445.9 | 1439.2 | 1417.7 | 1396.3 | 1370.8 | 1353.4 | 1344.0 | 1335.9 | 1327.9 | 1322.5 |
| 10°    | 1412.4 | 1401.7 | 1390.9 | 1368.1 | 1338.6 | 1314.5 | 1290.3 | 1280.9 | 1268.9 | 1263.5 | 1259.5 |
| 12.5°  | 1364.1 | 1357.4 | 1344.0 | 1317.2 | 1283.6 | 1260.8 | 1232.6 | 1227.3 | 1211.2 | 1200.5 | 1197.8 |
| 15°    | 1319.8 | 1315.8 | 1291.7 | 1260.8 | 1227.3 | 1204.5 | 1180.3 | 1164.2 | 1137.4 | 1142.8 | 1133.4 |
| 17.5°  | 1272.9 | 1255.5 | 1240.7 | 1199.1 | 1183.0 | 1148.1 | 1120.0 | 1111.9 | 1093.2 | 1081.1 | 1069.0 |
| 20°    | 1220.6 | 1209.8 | 1191.1 | 1164.2 | 1125.3 | 1085.1 | 1063.6 | 1050.2 | 1039.5 | 1020.7 | 1015.4 |
| 22.5°  | 1171.0 | 1157.5 | 1141.4 | 1106.6 | 1073.0 | 1039.5 | 1010.0 | 997.9  | 984.5  | 971.1  | 963.0  |
| 25°    | 1132.1 | 1111.9 | 1094.5 | 1051.6 | 1018.0 | 989.9  | 971.1  | 951.0  | 932.2  | 924.2  | 921.5  |
| 27.5°  | 1071.7 | 1059.6 | 1042.2 | 1001.9 | 971.1  | 940.2  | 922.8  | 909.4  | 889.3  | 879.9  | 871.8  |
| 30°    | 1032.8 | 1008.7 | 988.5  | 956.3  | 925.5  | 892.0  | 875.9  | 859.8  | 847.7  | 835.6  | 826.2  |
| 32.5°  | 980.5  | 961.7  | 945.6  | 913.4  | 882.6  | 851.7  | 834.3  | 810.1  | 803.4  | 794.0  | 783.3  |
| 35°    | 929.5  | 917.4  | 900.0  | 865.1  | 831.6  | 810.1  | 791.4  | 768.6  | 760.5  | 753.8  | 744.4  |
| 37.5°  | 881.2  | 863.8  | 851.7  | 818.2  | 788.7  | 763.2  | 748.4  | 729.7  | 724.3  | 716.3  | 709.5  |
| 40°    | 839.7  | 822.2  | 810.1  | 776.6  | 745.8  | 718.9  | 709.5  | 690.8  | 682.7  | 673.3  | 669.3  |
| 42.5°  | 792.7  | 778.0  | 761.9  | 737.7  | 705.5  | 678.7  | 659.9  | 649.2  | 638.5  | 634.4  | 626.4  |
| 45°    | 743.1  | 729.7  | 717.6  | 690.8  | 657.2  | 638.5  | 622.4  | 607.6  | 599.6  | 592.9  | 587.5  |
| 47.5°  | 700.2  | 688.1  | 672.0  | 642.5  | 615.7  | 598.2  | 582.1  | 567.4  | 559.3  | 551.3  | 544.6  |
| 50°    | 650.5  | 643.8  | 626.4  | 598.2  | 572.7  | 552.6  | 537.9  | 524.4  | 519.1  | 509.7  | 499.0  |
| 52.5°  | 606.3  | 594.2  | 579.4  | 556.6  | 533.8  | 509.7  | 489.6  | 481.5  | 472.1  | 466.8  | 457.4  |
| 55°    | 554.0  | 545.9  | 529.8  | 509.7  | 485.5  | 465.4  | 450.7  | 439.9  | 427.9  | 422.5  | 410.4  |
| 57.5°  | 509.7  | 494.9  | 486.9  | 461.4  | 438.6  | 418.5  | 407.8  | 397.0  | 383.6  | 375.6  | 370.2  |
| 60°    | 461.4  | 448.0  | 435.9  | 414.5  | 398.4  | 376.9  | 360.8  | 351.4  | 342.0  | 331.3  | 325.9  |
| 62.5°  | 414.5  | 403.7  | 389.0  | 371.5  | 351.4  | 334.0  | 321.9  | 308.5  | 303.1  | 292.4  | 288.4  |
| 65°    | 363.5  | 355.4  | 343.4  | 323.3  | 307.2  | 292.4  | 280.3  | 269.6  | 264.2  | 260.2  | 257.5  |
| 67.5°  | 317.9  | 307.2  | 299.1  | 281.7  | 264.2  | 252.2  | 245.5  | 238.8  | 232.0  | 228.0  | 224.0  |
| 70°    | 270.9  | 262.9  | 254.8  | 238.8  | 226.7  | 215.9  | 210.6  | 205.2  | 201.2  | 197.2  | 193.1  |
| 72.5°  | 222.7  | 218.6  | 210.6  | 199.9  | 190.5  | 182.4  | 178.4  | 171.7  | 167.7  | 161.0  | 158.3  |
| 75°    | 183.8  | 177.1  | 173.0  | 163.6  | 155.6  | 148.9  | 143.5  | 135.5  | 130.1  | 127.4  | 126.1  |
| 77.5°  | 144.9  | 142.2  | 136.8  | 128.8  | 124.7  | 118.0  | 110.0  | 107.3  | 104.6  | 104.6  | 103.3  |
| 80°    | 108.6  | 104.6  | 100.6  | 93.9   | 89.9   | 84.5   | 84.5   | 84.5   | 83.2   | 84.5   | 83.2   |
| 82.5°  | 73.8   | 71.1   | 68.4   | 64.4   | 63.0   | 63.0   | 64.4   | 64.4   | 64.4   | 64.4   | 64.4   |
| 85°    | 42.9   | 42.9   | 42.9   | 44.3   | 42.9   | 42.9   | 44.3   | 45.6   | 44.3   | 44.3   | 42.9   |
| 87.5°  | 20.1   | 20.1   | 21.5   | 21.5   | 22.8   | 22.8   | 22.8   | 22.8   | 22.8   | 22.8   | 24.1   |
| 90°    | 9.7    | 10.8   | 12.2   | 15.0   | 17.9   | 20.7   | 23.5   | 24.4   | 25.2   | 26.1   | 27.0   |
| 92.5°  | 17.3   | 16.7   | 17.7   | 19.6   | 21.6   | 23.5   | 25.5   | 27.0   | 28.5   | 30.0   | 31.5   |
| 95°    | 24.1   | 19.6   | 20.8   | 23.2   | 25.6   | 28.0   | 30.4   | 31.9   | 33.4   | 34.9   | 36.4   |
| 97.5°  | 84.4   | 81.3   | 75.8   | 64.7   | 53.6   | 42.5   | 31.4   | 33.1   | 34.9   | 36.6   | 38.3   |
| 100°   | 183.0  | 185.2  | 168.2  | 134.2  | 100.3  | 66.3   | 32.3   | 34.1   | 35.8   | 37.6   | 39.3   |
| 102.5° | 241.6  | 243.0  | 224.1  | 186.2  | 148.3  | 110.4  | 72.5   | 65.3   | 58.1   | 51.0   | 43.8   |
| 105°   | 301.5  | 302.7  | 292.9  | 273.3  | 253.8  | 234.2  | 214.6  | 176.1  | 137.5  | 99.0   | 60.5   |
| 107.5° | 365.4  | 366.4  | 368.0  | 371.3  | 374.6  | 377.8  | 381.1  | 347.6  | 314.0  | 280.5  | 247.0  |
| 110°   | 430.2  | 431.1  | 432.3  | 434.7  | 437.1  | 439.5  | 441.9  | 434.7  | 427.5  | 420.3  | 413.1  |

TEST NUMBER: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 492.0  | 492.8  | 494.0  | 496.4  | 498.8  | 501.2  | 503.6  | 505.6  | 507.5  | 509.5  | 511.4  |
| 115°   | 552.9  | 553.6  | 554.6  | 556.5  | 558.5  | 560.4  | 562.4  | 564.6  | 566.8  | 568.9  | 571.1  |
| 117.5° | 614.5  | 615.3  | 615.8  | 616.9  | 618.0  | 619.1  | 620.2  | 621.9  | 623.7  | 625.4  | 627.1  |
| 120°   | 672.1  | 673.1  | 673.4  | 674.1  | 674.7  | 675.4  | 676.0  | 677.8  | 679.5  | 681.3  | 683.0  |
| 122.5° | 727.2  | 728.0  | 728.4  | 729.3  | 730.2  | 731.0  | 731.9  | 733.0  | 734.1  | 735.2  | 736.3  |
| 125°   | 779.0  | 779.9  | 780.3  | 781.2  | 782.1  | 782.9  | 783.8  | 784.2  | 784.7  | 785.1  | 785.6  |
| 127.5° | 829.9  | 830.8  | 831.3  | 832.4  | 833.5  | 834.6  | 835.7  | 836.4  | 837.0  | 837.7  | 838.4  |
| 130°   | 877.0  | 877.9  | 878.3  | 879.2  | 880.1  | 880.9  | 881.8  | 882.7  | 883.5  | 884.4  | 885.3  |
| 132.5° | 922.0  | 922.9  | 923.2  | 923.9  | 924.6  | 925.2  | 925.9  | 926.8  | 927.6  | 928.5  | 929.4  |
| 135°   | 966.4  | 967.0  | 967.4  | 968.3  | 969.2  | 970.0  | 970.9  | 971.6  | 972.2  | 972.9  | 973.6  |
| 137.5° | 1007.3 | 1008.2 | 1008.4 | 1008.8 | 1009.3 | 1009.7 | 1010.1 | 1011.2 | 1012.3 | 1013.4 | 1014.5 |
| 140°   | 1044.7 | 1045.4 | 1045.7 | 1046.4 | 1047.0 | 1047.7 | 1048.3 | 1049.2 | 1050.1 | 1051.0 | 1051.9 |
| 142.5° | 1081.0 | 1081.7 | 1082.0 | 1082.7 | 1083.3 | 1084.0 | 1084.6 | 1085.2 | 1085.9 | 1086.5 | 1087.2 |
| 145°   | 1115.2 | 1116.0 | 1116.2 | 1116.6 | 1117.1 | 1117.5 | 1117.9 | 1118.3 | 1118.8 | 1119.2 | 1119.7 |
| 147.5° | 1145.8 | 1146.3 | 1146.5 | 1147.0 | 1147.4 | 1147.9 | 1148.3 | 1148.7 | 1149.1 | 1149.6 | 1150.0 |
| 150°   | 1173.5 | 1173.8 | 1174.0 | 1174.4 | 1174.9 | 1175.3 | 1175.7 | 1176.1 | 1176.6 | 1177.0 | 1177.5 |
| 152.5° | 1198.2 | 1198.3 | 1198.4 | 1198.6 | 1198.8 | 1199.0 | 1199.2 | 1200.1 | 1201.0 | 1201.9 | 1202.8 |
| 155°   | 1220.0 | 1219.8 | 1219.9 | 1220.1 | 1220.4 | 1220.6 | 1220.8 | 1221.9 | 1223.0 | 1224.1 | 1225.2 |
| 157.5° | 1241.4 | 1241.4 | 1241.3 | 1241.1 | 1240.8 | 1240.6 | 1240.4 | 1241.7 | 1243.0 | 1244.3 | 1245.6 |
| 160°   | 1258.1 | 1258.0 | 1257.9 | 1257.7 | 1257.4 | 1257.2 | 1257.0 | 1258.3 | 1259.6 | 1260.9 | 1262.2 |
| 162.5° | 1273.0 | 1272.7 | 1272.6 | 1272.4 | 1272.1 | 1271.9 | 1271.7 | 1273.2 | 1274.8 | 1276.3 | 1277.8 |
| 165°   | 1285.8 | 1285.5 | 1285.4 | 1285.2 | 1284.9 | 1284.7 | 1284.5 | 1286.2 | 1288.0 | 1289.7 | 1291.4 |
| 167.5° | 1295.7 | 1295.3 | 1295.3 | 1295.3 | 1295.3 | 1295.3 | 1295.3 | 1297.0 | 1298.8 | 1300.5 | 1302.2 |
| 170°   | 1304.5 | 1304.1 | 1304.1 | 1304.1 | 1304.1 | 1304.1 | 1304.1 | 1305.8 | 1307.6 | 1309.3 | 1311.0 |
| 172.5° | 1309.5 | 1309.0 | 1309.1 | 1309.3 | 1309.5 | 1309.7 | 1309.9 | 1311.7 | 1313.4 | 1315.2 | 1316.9 |
| 175°   | 1314.4 | 1313.9 | 1314.0 | 1314.2 | 1314.4 | 1314.6 | 1314.8 | 1316.3 | 1317.9 | 1319.4 | 1320.9 |
| 177.5° | 1316.3 | 1315.8 | 1315.9 | 1316.1 | 1316.4 | 1316.6 | 1316.8 | 1318.5 | 1320.3 | 1322.0 | 1323.7 |
| 180°   | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 |

TEST NUMBER: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1480.8 | 1482.1 | 1478.1 | 1470.1 | 1468.7 | 1471.4 | 1479.4 | 1476.8 | 1470.1 | 1482.1 | 1471.4 |
| 5°     | 1399.0 | 1392.3 | 1389.6 | 1392.3 | 1384.2 | 1380.2 | 1388.2 | 1384.2 | 1388.2 | 1389.6 | 1393.6 |
| 7.5°   | 1319.8 | 1321.2 | 1313.1 | 1314.5 | 1303.7 | 1306.4 | 1306.4 | 1306.4 | 1310.4 | 1313.1 | 1318.5 |
| 10°    | 1251.4 | 1254.1 | 1244.7 | 1246.1 | 1238.0 | 1232.6 | 1236.7 | 1244.7 | 1244.7 | 1244.7 | 1247.4 |
| 12.5°  | 1196.4 | 1184.4 | 1177.7 | 1176.3 | 1166.9 | 1164.2 | 1172.3 | 1175.0 | 1181.7 | 1181.7 | 1185.7 |
| 15°    | 1128.0 | 1125.3 | 1120.0 | 1120.0 | 1097.2 | 1102.5 | 1105.2 | 1114.6 | 1128.0 | 1117.3 | 1120.0 |
| 17.5°  | 1066.3 | 1059.6 | 1052.9 | 1050.2 | 1047.6 | 1039.5 | 1050.2 | 1048.9 | 1056.9 | 1058.3 | 1062.3 |
| 20°    | 1011.3 | 1006.0 | 992.6  | 993.9  | 996.6  | 984.5  | 991.2  | 991.2  | 999.3  | 1007.3 | 1016.7 |
| 22.5°  | 957.7  | 952.3  | 945.6  | 948.3  | 940.2  | 937.6  | 937.6  | 944.3  | 953.7  | 960.4  | 959.0  |
| 25°    | 916.1  | 906.7  | 902.7  | 898.7  | 894.6  | 897.3  | 893.3  | 900.0  | 906.7  | 910.7  | 906.7  |
| 27.5°  | 869.2  | 865.1  | 857.1  | 853.1  | 846.4  | 849.0  | 851.7  | 857.1  | 861.1  | 861.1  | 865.1  |
| 30°    | 823.6  | 818.2  | 815.5  | 811.5  | 811.5  | 806.1  | 807.5  | 812.8  | 816.8  | 820.9  | 826.2  |
| 32.5°  | 779.3  | 775.3  | 771.2  | 771.2  | 768.6  | 767.2  | 765.9  | 773.9  | 773.9  | 782.0  | 782.0  |
| 35°    | 743.1  | 736.4  | 736.4  | 729.7  | 732.3  | 731.0  | 728.3  | 733.7  | 735.0  | 740.4  | 739.1  |
| 37.5°  | 702.8  | 702.8  | 700.2  | 693.4  | 688.1  | 689.4  | 696.1  | 696.1  | 700.2  | 698.8  | 702.8  |
| 40°    | 662.6  | 659.9  | 659.9  | 655.9  | 654.6  | 653.2  | 654.6  | 655.9  | 662.6  | 661.3  | 662.6  |
| 42.5°  | 622.4  | 623.7  | 617.0  | 617.0  | 617.0  | 613.0  | 614.3  | 615.7  | 618.3  | 621.0  | 625.0  |
| 45°    | 583.5  | 580.8  | 579.4  | 576.8  | 574.1  | 575.4  | 574.1  | 579.4  | 578.1  | 580.8  | 584.8  |
| 47.5°  | 541.9  | 537.9  | 536.5  | 531.2  | 531.2  | 533.8  | 532.5  | 536.5  | 537.9  | 541.9  | 539.2  |
| 50°    | 501.6  | 496.3  | 492.3  | 493.6  | 485.5  | 488.2  | 488.2  | 492.3  | 496.3  | 497.6  | 500.3  |
| 52.5°  | 454.7  | 453.4  | 452.0  | 445.3  | 444.0  | 442.6  | 444.0  | 445.3  | 450.7  | 454.7  | 456.0  |
| 55°    | 409.1  | 407.8  | 399.7  | 397.0  | 393.0  | 393.0  | 395.7  | 397.0  | 406.4  | 407.8  | 413.1  |
| 57.5°  | 367.5  | 363.5  | 354.1  | 352.8  | 352.8  | 352.8  | 348.7  | 354.1  | 356.8  | 363.5  | 363.5  |
| 60°    | 321.9  | 321.9  | 313.9  | 313.9  | 315.2  | 313.9  | 313.9  | 315.2  | 315.2  | 320.6  | 323.3  |
| 62.5°  | 285.7  | 284.4  | 284.4  | 281.7  | 280.3  | 281.7  | 280.3  | 280.3  | 281.7  | 285.7  | 289.7  |
| 65°    | 253.5  | 252.2  | 250.8  | 249.5  | 246.8  | 246.8  | 248.1  | 250.8  | 250.8  | 253.5  | 254.8  |
| 67.5°  | 222.7  | 222.7  | 220.0  | 220.0  | 218.6  | 217.3  | 218.6  | 217.3  | 222.7  | 222.7  | 224.0  |
| 70°    | 191.8  | 190.5  | 186.4  | 185.1  | 181.1  | 182.4  | 182.4  | 186.4  | 187.8  | 190.5  | 193.1  |
| 72.5°  | 154.2  | 154.2  | 151.6  | 148.9  | 150.2  | 147.5  | 147.5  | 148.9  | 148.9  | 152.9  | 154.2  |
| 75°    | 127.4  | 124.7  | 123.4  | 124.7  | 123.4  | 126.1  | 123.4  | 123.4  | 126.1  | 126.1  | 126.1  |
| 77.5°  | 104.6  | 104.6  | 103.3  | 103.3  | 104.6  | 103.3  | 104.6  | 104.6  | 104.6  | 103.3  | 104.6  |
| 80°    | 85.8   | 84.5   | 84.5   | 84.5   | 83.2   | 83.2   | 83.2   | 83.2   | 83.2   | 83.2   | 83.2   |
| 82.5°  | 64.4   | 64.4   | 63.0   | 64.4   | 64.4   | 63.0   | 64.4   | 63.0   | 63.0   | 64.4   | 64.4   |
| 85°    | 42.9   | 45.6   | 42.9   | 42.9   | 44.3   | 44.3   | 45.6   | 44.3   | 45.6   | 42.9   | 44.3   |
| 87.5°  | 22.8   | 24.1   | 24.1   | 22.8   | 22.8   | 24.1   | 24.1   | 24.1   | 25.5   | 22.8   | 24.1   |
| 90°    | 27.4   | 27.6   | 28.1   | 28.5   | 29.0   | 29.4   | 29.0   | 28.5   | 28.1   | 27.6   | 27.4   |
| 92.5°  | 32.3   | 32.4   | 32.6   | 32.9   | 33.1   | 33.3   | 33.1   | 32.9   | 32.6   | 32.4   | 32.3   |
| 95°    | 37.2   | 37.2   | 37.2   | 37.2   | 37.2   | 37.2   | 37.2   | 37.2   | 37.2   | 37.2   | 37.2   |
| 97.5°  | 39.2   | 39.3   | 39.5   | 39.8   | 40.0   | 40.2   | 40.0   | 39.8   | 39.5   | 39.3   | 39.2   |
| 100°   | 40.2   | 40.3   | 40.5   | 40.8   | 41.0   | 41.2   | 41.0   | 40.8   | 40.5   | 40.3   | 40.2   |
| 102.5° | 40.2   | 40.4   | 40.8   | 41.3   | 41.7   | 42.1   | 41.7   | 41.3   | 40.8   | 40.4   | 40.2   |
| 105°   | 41.2   | 41.4   | 41.8   | 42.3   | 42.7   | 43.1   | 42.7   | 42.3   | 41.8   | 41.4   | 41.2   |
| 107.5° | 230.2  | 215.9  | 187.4  | 158.9  | 130.4  | 101.9  | 130.4  | 158.9  | 187.4  | 215.9  | 230.2  |
| 110°   | 409.5  | 393.9  | 362.8  | 331.7  | 300.5  | 269.4  | 300.5  | 331.7  | 362.8  | 393.9  | 409.5  |

TEST NUMBER: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 512.4  | 512.2  | 511.8  | 511.3  | 510.9  | 510.5  | 510.9  | 511.3  | 511.8  | 512.2  | 512.4  |
| 115°   | 572.2  | 572.6  | 573.5  | 574.4  | 575.2  | 576.1  | 575.2  | 574.4  | 573.5  | 572.6  | 572.2  |
| 117.5° | 628.0  | 628.1  | 628.3  | 628.6  | 628.8  | 629.0  | 628.8  | 628.6  | 628.3  | 628.1  | 628.0  |
| 120°   | 683.9  | 683.9  | 683.9  | 683.9  | 683.9  | 683.9  | 683.9  | 683.9  | 683.9  | 683.9  | 683.9  |
| 122.5° | 736.8  | 736.9  | 737.1  | 737.4  | 737.6  | 737.8  | 737.6  | 737.4  | 737.1  | 736.9  | 736.8  |
| 125°   | 785.8  | 786.0  | 786.4  | 786.9  | 787.3  | 787.7  | 787.3  | 786.9  | 786.4  | 786.0  | 785.8  |
| 127.5° | 838.7  | 838.5  | 838.0  | 837.6  | 837.1  | 836.7  | 837.1  | 837.6  | 838.0  | 838.5  | 838.7  |
| 130°   | 885.7  | 885.5  | 885.0  | 884.6  | 884.1  | 883.7  | 884.1  | 884.6  | 885.0  | 885.5  | 885.7  |
| 132.5° | 929.8  | 929.5  | 928.8  | 928.2  | 927.5  | 926.9  | 927.5  | 928.2  | 928.8  | 929.5  | 929.8  |
| 135°   | 973.9  | 973.6  | 972.9  | 972.2  | 971.6  | 970.9  | 971.6  | 972.2  | 972.9  | 973.6  | 973.9  |
| 137.5° | 1015.0 | 1014.8 | 1014.4 | 1013.9 | 1013.5 | 1013.1 | 1013.5 | 1013.9 | 1014.4 | 1014.8 | 1015.0 |
| 140°   | 1052.3 | 1052.1 | 1051.6 | 1051.2 | 1050.7 | 1050.3 | 1050.7 | 1051.2 | 1051.6 | 1052.1 | 1052.3 |
| 142.5° | 1087.5 | 1087.2 | 1086.5 | 1085.9 | 1085.2 | 1084.6 | 1085.2 | 1085.9 | 1086.5 | 1087.2 | 1087.5 |
| 145°   | 1119.9 | 1119.9 | 1119.9 | 1119.9 | 1119.9 | 1119.9 | 1119.9 | 1119.9 | 1119.9 | 1119.9 | 1119.9 |
| 147.5° | 1150.2 | 1149.7 | 1148.6 | 1147.5 | 1146.4 | 1145.3 | 1146.4 | 1147.5 | 1148.6 | 1149.7 | 1150.2 |
| 150°   | 1177.7 | 1177.4 | 1176.7 | 1176.0 | 1175.4 | 1174.7 | 1175.4 | 1176.0 | 1176.7 | 1177.4 | 1177.7 |
| 152.5° | 1203.2 | 1202.7 | 1201.6 | 1200.5 | 1199.4 | 1198.3 | 1199.4 | 1200.5 | 1201.6 | 1202.7 | 1203.2 |
| 155°   | 1225.7 | 1225.0 | 1223.7 | 1222.4 | 1221.1 | 1219.8 | 1221.1 | 1222.4 | 1223.7 | 1225.0 | 1225.7 |
| 157.5° | 1246.3 | 1245.4 | 1243.7 | 1241.9 | 1240.2 | 1238.4 | 1240.2 | 1241.9 | 1243.7 | 1245.4 | 1246.3 |
| 160°   | 1262.9 | 1262.1 | 1260.6 | 1259.1 | 1257.6 | 1256.1 | 1257.6 | 1259.1 | 1260.6 | 1262.1 | 1262.9 |
| 162.5° | 1278.6 | 1277.9 | 1276.6 | 1275.3 | 1274.0 | 1272.7 | 1274.0 | 1275.3 | 1276.6 | 1277.9 | 1278.6 |
| 165°   | 1292.3 | 1291.5 | 1290.0 | 1288.5 | 1287.0 | 1285.5 | 1287.0 | 1288.5 | 1290.0 | 1291.5 | 1292.3 |
| 167.5° | 1303.1 | 1302.2 | 1300.5 | 1298.8 | 1297.0 | 1295.3 | 1297.0 | 1298.8 | 1300.5 | 1302.2 | 1303.1 |
| 170°   | 1311.9 | 1311.0 | 1309.3 | 1307.6 | 1305.8 | 1304.1 | 1305.8 | 1307.6 | 1309.3 | 1311.0 | 1311.9 |
| 172.5° | 1317.8 | 1316.8 | 1314.9 | 1312.9 | 1311.0 | 1309.0 | 1311.0 | 1312.9 | 1314.9 | 1316.8 | 1317.8 |
| 175°   | 1321.7 | 1320.8 | 1319.1 | 1317.4 | 1315.6 | 1313.9 | 1315.6 | 1317.4 | 1319.1 | 1320.8 | 1321.7 |
| 177.5° | 1324.6 | 1323.5 | 1321.3 | 1319.2 | 1317.0 | 1314.8 | 1317.0 | 1319.2 | 1321.3 | 1323.5 | 1324.6 |
| 180°   | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 |

TEST NUMBER: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1482.1 | 1487.5 | 1482.1 | 1471.4 | 1482.1 | 1488.8 | 1495.5 | 1506.3 | 1511.6 | 1511.6 | 1519.7 |
| 5°     | 1397.6 | 1408.4 | 1404.3 | 1401.7 | 1412.4 | 1419.1 | 1429.8 | 1443.2 | 1458.0 | 1467.4 | 1478.1 |
| 7.5°   | 1322.5 | 1329.2 | 1335.9 | 1335.9 | 1346.7 | 1361.4 | 1377.5 | 1393.6 | 1412.4 | 1425.8 | 1433.8 |
| 10°    | 1256.8 | 1262.2 | 1266.2 | 1271.5 | 1287.6 | 1303.7 | 1325.2 | 1345.3 | 1361.4 | 1376.2 | 1389.6 |
| 12.5°  | 1193.8 | 1201.8 | 1211.2 | 1215.2 | 1227.3 | 1247.4 | 1267.5 | 1291.7 | 1317.2 | 1331.9 | 1345.3 |
| 15°    | 1133.4 | 1137.4 | 1148.1 | 1160.2 | 1171.0 | 1192.4 | 1217.9 | 1243.4 | 1264.8 | 1287.6 | 1299.7 |
| 17.5°  | 1071.7 | 1073.0 | 1101.2 | 1094.5 | 1129.4 | 1149.5 | 1162.9 | 1187.0 | 1221.9 | 1240.7 | 1259.5 |
| 20°    | 1011.3 | 1024.7 | 1036.8 | 1043.5 | 1062.3 | 1085.1 | 1124.0 | 1142.8 | 1171.0 | 1188.4 | 1204.5 |
| 22.5°  | 964.4  | 984.5  | 984.5  | 1000.6 | 1010.0 | 1031.5 | 1059.6 | 1095.8 | 1126.7 | 1138.8 | 1161.6 |
| 25°    | 922.8  | 932.2  | 948.3  | 953.7  | 971.1  | 989.9  | 1008.7 | 1047.6 | 1081.1 | 1097.2 | 1113.3 |
| 27.5°  | 869.2  | 881.2  | 902.7  | 902.7  | 925.5  | 945.6  | 968.4  | 993.9  | 1027.4 | 1050.2 | 1067.7 |
| 30°    | 827.6  | 839.7  | 849.0  | 863.8  | 873.2  | 892.0  | 932.2  | 951.0  | 980.5  | 1000.6 | 1022.1 |
| 32.5°  | 788.7  | 798.1  | 806.1  | 822.2  | 832.9  | 854.4  | 875.9  | 909.4  | 934.9  | 953.7  | 976.5  |
| 35°    | 745.8  | 755.1  | 765.9  | 778.0  | 794.0  | 814.2  | 834.3  | 862.5  | 887.9  | 905.4  | 924.2  |
| 37.5°  | 705.5  | 712.2  | 728.3  | 736.4  | 749.8  | 768.6  | 794.0  | 823.6  | 846.4  | 859.8  | 878.5  |
| 40°    | 666.6  | 672.0  | 684.1  | 698.8  | 708.2  | 723.0  | 749.8  | 775.3  | 803.4  | 819.5  | 834.3  |
| 42.5°  | 625.0  | 631.7  | 642.5  | 657.2  | 672.0  | 688.1  | 702.8  | 732.3  | 757.8  | 771.2  | 787.3  |
| 45°    | 588.8  | 592.9  | 600.9  | 615.7  | 630.4  | 642.5  | 665.3  | 692.1  | 716.3  | 727.0  | 744.4  |
| 47.5°  | 545.9  | 549.9  | 562.0  | 568.7  | 584.8  | 600.9  | 623.7  | 650.5  | 672.0  | 682.7  | 698.8  |
| 50°    | 501.6  | 505.7  | 513.7  | 528.5  | 539.2  | 556.6  | 576.8  | 599.6  | 626.4  | 641.1  | 650.5  |
| 52.5°  | 458.7  | 466.8  | 473.5  | 485.5  | 499.0  | 516.4  | 535.2  | 556.6  | 579.4  | 594.2  | 604.9  |
| 55°    | 415.8  | 422.5  | 430.6  | 437.3  | 453.4  | 469.5  | 490.9  | 511.0  | 531.2  | 544.6  | 556.6  |
| 57.5°  | 367.5  | 376.9  | 385.0  | 398.4  | 410.4  | 423.8  | 448.0  | 464.1  | 488.2  | 497.6  | 508.4  |
| 60°    | 325.9  | 335.3  | 342.0  | 352.8  | 363.5  | 380.9  | 397.0  | 417.1  | 437.3  | 449.3  | 462.7  |
| 62.5°  | 291.1  | 295.1  | 299.1  | 309.8  | 320.6  | 336.7  | 352.8  | 372.9  | 394.3  | 401.0  | 411.8  |
| 65°    | 256.2  | 260.2  | 266.9  | 276.3  | 284.4  | 293.7  | 311.2  | 327.3  | 347.4  | 358.1  | 362.1  |
| 67.5°  | 226.7  | 230.7  | 232.0  | 238.8  | 245.5  | 256.2  | 265.6  | 281.7  | 300.4  | 307.2  | 315.2  |
| 70°    | 193.1  | 199.9  | 201.2  | 206.6  | 209.2  | 215.9  | 226.7  | 238.8  | 253.5  | 265.6  | 272.3  |
| 72.5°  | 154.2  | 163.6  | 166.3  | 174.4  | 178.4  | 185.1  | 193.1  | 202.5  | 211.9  | 217.3  | 222.7  |
| 75°    | 126.1  | 128.8  | 130.1  | 136.8  | 143.5  | 152.9  | 156.9  | 162.3  | 170.3  | 177.1  | 182.4  |
| 77.5°  | 104.6  | 106.0  | 107.3  | 107.3  | 108.6  | 114.0  | 122.1  | 128.8  | 134.1  | 136.8  | 140.8  |
| 80°    | 84.5   | 83.2   | 83.2   | 84.5   | 84.5   | 84.5   | 87.2   | 96.6   | 99.3   | 106.0  | 104.6  |
| 82.5°  | 65.7   | 63.0   | 64.4   | 63.0   | 63.0   | 63.0   | 63.0   | 64.4   | 64.4   | 68.4   | 71.1   |
| 85°    | 42.9   | 44.3   | 42.9   | 42.9   | 41.6   | 42.9   | 41.6   | 41.6   | 40.2   | 40.2   | 38.9   |
| 87.5°  | 22.8   | 24.1   | 22.8   | 22.8   | 21.5   | 22.8   | 21.5   | 21.5   | 20.1   | 20.1   | 17.4   |
| 90°    | 27.0   | 26.1   | 25.2   | 24.4   | 23.5   | 20.7   | 17.9   | 15.0   | 12.2   | 10.8   | 9.7    |
| 92.5°  | 31.5   | 30.0   | 28.5   | 27.0   | 25.5   | 23.5   | 21.6   | 19.6   | 17.7   | 16.7   | 17.3   |
| 95°    | 36.4   | 34.9   | 33.4   | 31.9   | 30.4   | 28.0   | 25.6   | 23.2   | 20.8   | 19.6   | 24.1   |
| 97.5°  | 38.3   | 36.6   | 34.9   | 33.1   | 31.4   | 42.5   | 53.6   | 64.7   | 75.8   | 81.3   | 84.4   |
| 100°   | 39.3   | 37.6   | 35.8   | 34.1   | 32.3   | 66.3   | 100.3  | 134.2  | 168.2  | 185.2  | 183.0  |
| 102.5° | 43.8   | 51.0   | 58.1   | 65.3   | 72.5   | 110.4  | 148.3  | 186.2  | 224.1  | 243.0  | 241.6  |
| 105°   | 60.5   | 99.0   | 137.5  | 176.1  | 214.6  | 234.2  | 253.8  | 273.3  | 292.9  | 302.7  | 301.5  |
| 107.5° | 247.0  | 280.5  | 314.0  | 347.6  | 381.1  | 377.8  | 374.6  | 371.3  | 368.0  | 366.4  | 365.4  |
| 110°   | 413.1  | 420.3  | 427.5  | 434.7  | 441.9  | 439.5  | 437.1  | 434.7  | 432.3  | 431.1  | 430.2  |

TEST NUMBER: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 511.4  | 509.5  | 507.5  | 505.6  | 503.6  | 501.2  | 498.8  | 496.4  | 494.0  | 492.8  | 492.0  |
| 115°   | 571.1  | 568.9  | 566.8  | 564.6  | 562.4  | 560.4  | 558.5  | 556.5  | 554.6  | 553.6  | 552.9  |
| 117.5° | 627.1  | 625.4  | 623.7  | 621.9  | 620.2  | 619.1  | 618.0  | 616.9  | 615.8  | 615.3  | 614.5  |
| 120°   | 683.0  | 681.3  | 679.5  | 677.8  | 676.0  | 675.4  | 674.7  | 674.1  | 673.4  | 673.1  | 672.1  |
| 122.5° | 736.3  | 735.2  | 734.1  | 733.0  | 731.9  | 731.0  | 730.2  | 729.3  | 728.4  | 728.0  | 727.2  |
| 125°   | 785.6  | 785.1  | 784.7  | 784.2  | 783.8  | 782.9  | 782.1  | 781.2  | 780.3  | 779.9  | 779.0  |
| 127.5° | 838.4  | 837.7  | 837.0  | 836.4  | 835.7  | 834.6  | 833.5  | 832.4  | 831.3  | 830.8  | 829.9  |
| 130°   | 885.3  | 884.4  | 883.5  | 882.7  | 881.8  | 880.9  | 880.1  | 879.2  | 878.3  | 877.9  | 877.0  |
| 132.5° | 929.4  | 928.5  | 927.6  | 926.8  | 925.9  | 925.2  | 924.6  | 923.9  | 923.2  | 922.9  | 922.0  |
| 135°   | 973.6  | 972.9  | 972.2  | 971.6  | 970.9  | 970.0  | 969.2  | 968.3  | 967.4  | 967.0  | 966.4  |
| 137.5° | 1014.5 | 1013.4 | 1012.3 | 1011.2 | 1010.1 | 1009.7 | 1009.3 | 1008.8 | 1008.4 | 1008.2 | 1007.3 |
| 140°   | 1051.9 | 1051.0 | 1050.1 | 1049.2 | 1048.3 | 1047.7 | 1047.0 | 1046.4 | 1045.7 | 1045.4 | 1044.7 |
| 142.5° | 1087.2 | 1086.5 | 1085.9 | 1085.2 | 1084.6 | 1084.0 | 1083.3 | 1082.7 | 1082.0 | 1081.7 | 1081.0 |
| 145°   | 1119.7 | 1119.2 | 1118.8 | 1118.3 | 1117.9 | 1117.5 | 1117.1 | 1116.6 | 1116.2 | 1116.0 | 1115.2 |
| 147.5° | 1150.0 | 1149.6 | 1149.1 | 1148.7 | 1148.3 | 1147.9 | 1147.4 | 1147.0 | 1146.5 | 1146.3 | 1145.8 |
| 150°   | 1177.5 | 1177.0 | 1176.6 | 1176.1 | 1175.7 | 1175.3 | 1174.9 | 1174.4 | 1174.0 | 1173.8 | 1173.5 |
| 152.5° | 1202.8 | 1201.9 | 1201.0 | 1200.1 | 1199.2 | 1199.0 | 1198.8 | 1198.6 | 1198.4 | 1198.3 | 1198.2 |
| 155°   | 1225.2 | 1224.1 | 1223.0 | 1221.9 | 1220.8 | 1220.6 | 1220.4 | 1220.1 | 1219.9 | 1219.8 | 1220.0 |
| 157.5° | 1245.6 | 1244.3 | 1243.0 | 1241.7 | 1240.4 | 1240.6 | 1240.8 | 1241.1 | 1241.3 | 1241.4 | 1241.4 |
| 160°   | 1262.2 | 1260.9 | 1259.6 | 1258.3 | 1257.0 | 1257.2 | 1257.4 | 1257.7 | 1257.9 | 1258.0 | 1258.1 |
| 162.5° | 1277.8 | 1276.3 | 1274.8 | 1273.2 | 1271.7 | 1271.9 | 1272.1 | 1272.4 | 1272.6 | 1272.7 | 1273.0 |
| 165°   | 1291.4 | 1289.7 | 1288.0 | 1286.2 | 1284.5 | 1284.7 | 1284.9 | 1285.2 | 1285.4 | 1285.5 | 1285.8 |
| 167.5° | 1302.2 | 1300.5 | 1298.8 | 1297.0 | 1295.3 | 1295.3 | 1295.3 | 1295.3 | 1295.3 | 1295.3 | 1295.7 |
| 170°   | 1311.0 | 1309.3 | 1307.6 | 1305.8 | 1304.1 | 1304.1 | 1304.1 | 1304.1 | 1304.1 | 1304.1 | 1304.5 |
| 172.5° | 1316.9 | 1315.2 | 1313.4 | 1311.7 | 1309.9 | 1309.7 | 1309.5 | 1309.3 | 1309.1 | 1309.0 | 1309.5 |
| 175°   | 1320.9 | 1319.4 | 1317.9 | 1316.3 | 1314.8 | 1314.6 | 1314.4 | 1314.2 | 1314.0 | 1313.9 | 1314.4 |
| 177.5° | 1323.7 | 1322.0 | 1320.3 | 1318.5 | 1316.8 | 1316.6 | 1316.4 | 1316.1 | 1315.9 | 1315.8 | 1316.3 |
| 180°   | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 | 1318.8 |

TEST NUMBER: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1566.6 | 1566.6 | 1566.6 | 1566.6 |
| 2.5°   | 1526.4 | 1535.8 | 1554.6 | 1570.7 |
| 5°     | 1494.2 | 1509.0 | 1537.1 | 1565.3 |
| 7.5°   | 1455.3 | 1478.1 | 1514.3 | 1553.2 |
| 10°    | 1417.7 | 1447.3 | 1491.5 | 1537.1 |
| 12.5°  | 1380.2 | 1411.0 | 1458.0 | 1517.0 |
| 15°    | 1335.9 | 1368.1 | 1424.5 | 1495.5 |
| 17.5°  | 1297.0 | 1340.0 | 1390.9 | 1462.0 |
| 20°    | 1255.5 | 1287.6 | 1353.4 | 1428.5 |
| 22.5°  | 1203.1 | 1256.8 | 1318.5 | 1397.6 |
| 25°    | 1161.6 | 1208.5 | 1270.2 | 1360.1 |
| 27.5°  | 1110.6 | 1165.6 | 1240.7 | 1319.8 |
| 30°    | 1069.0 | 1114.6 | 1184.4 | 1279.6 |
| 32.5°  | 1020.7 | 1074.4 | 1146.8 | 1240.7 |
| 35°    | 977.8  | 1023.4 | 1091.8 | 1187.0 |
| 37.5°  | 926.8  | 976.5  | 1052.9 | 1137.4 |
| 40°    | 882.6  | 930.9  | 1003.3 | 1082.4 |
| 42.5°  | 828.9  | 879.9  | 952.3  | 1019.4 |
| 45°    | 786.0  | 832.9  | 890.6  | 952.3  |
| 47.5°  | 733.7  | 783.3  | 839.7  | 882.6  |
| 50°    | 686.7  | 732.3  | 776.6  | 812.8  |
| 52.5°  | 635.8  | 677.4  | 717.6  | 744.4  |
| 55°    | 588.8  | 621.0  | 653.2  | 672.0  |
| 57.5°  | 533.8  | 564.7  | 591.5  | 602.2  |
| 60°    | 485.5  | 511.0  | 528.5  | 540.5  |
| 62.5°  | 434.6  | 453.4  | 466.8  | 473.5  |
| 65°    | 385.0  | 398.4  | 405.1  | 411.8  |
| 67.5°  | 334.0  | 346.1  | 350.1  | 358.1  |
| 70°    | 280.3  | 293.7  | 296.4  | 300.4  |
| 72.5°  | 240.1  | 240.1  | 245.5  | 250.8  |
| 75°    | 191.8  | 194.5  | 197.2  | 197.2  |
| 77.5°  | 150.2  | 150.2  | 152.9  | 154.2  |
| 80°    | 110.0  | 111.3  | 111.3  | 110.0  |
| 82.5°  | 75.1   | 77.8   | 75.1   | 73.8   |
| 85°    | 41.6   | 46.9   | 44.3   | 44.3   |
| 87.5°  | 17.4   | 17.4   | 20.1   | 17.4   |
| 90°    | 7.5    | 5.4    | 3.2    | 1.0    |
| 92.5°  | 18.6   | 19.9   | 21.2   | 22.5   |
| 95°    | 33.0   | 41.9   | 50.9   | 59.8   |
| 97.5°  | 90.5   | 96.6   | 102.7  | 108.8  |
| 100°   | 178.7  | 174.3  | 170.0  | 165.6  |
| 102.5° | 238.7  | 235.9  | 233.0  | 230.2  |
| 105°   | 299.1  | 296.8  | 294.4  | 292.0  |
| 107.5° | 363.5  | 361.5  | 359.6  | 357.6  |
| 110°   | 428.5  | 426.8  | 425.0  | 423.3  |

TEST NUMBER: P1012114

CATALOG NUMBER: S123RDIP-B1000D1025UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 490.5  | 489.0  | 487.5  | 486.0  |
| 115°   | 551.6  | 550.3  | 549.0  | 547.7  |
| 117.5° | 613.0  | 611.5  | 609.9  | 608.4  |
| 120°   | 670.2  | 668.2  | 666.3  | 664.3  |
| 122.5° | 725.7  | 724.2  | 722.6  | 721.1  |
| 125°   | 777.3  | 775.6  | 773.8  | 772.1  |
| 127.5° | 828.2  | 826.5  | 824.7  | 823.0  |
| 130°   | 875.3  | 873.5  | 871.8  | 870.0  |
| 132.5° | 920.3  | 918.6  | 916.8  | 915.1  |
| 135°   | 965.1  | 963.8  | 962.5  | 961.2  |
| 137.5° | 1005.6 | 1003.8 | 1002.1 | 1000.3 |
| 140°   | 1043.4 | 1042.1 | 1040.8 | 1039.5 |
| 142.5° | 1079.7 | 1078.4 | 1077.1 | 1075.8 |
| 145°   | 1113.7 | 1112.2 | 1110.6 | 1109.1 |
| 147.5° | 1144.7 | 1143.6 | 1142.5 | 1141.4 |
| 150°   | 1172.8 | 1172.1 | 1171.5 | 1170.8 |
| 152.5° | 1198.0 | 1197.7 | 1197.5 | 1197.3 |
| 155°   | 1220.5 | 1220.9 | 1221.4 | 1221.8 |
| 157.5° | 1241.4 | 1241.4 | 1241.4 | 1241.4 |
| 160°   | 1258.3 | 1258.6 | 1258.8 | 1259.0 |
| 162.5° | 1273.7 | 1274.4 | 1275.0 | 1275.7 |
| 165°   | 1286.5 | 1287.1 | 1287.8 | 1288.4 |
| 167.5° | 1296.6 | 1297.5 | 1298.3 | 1299.2 |
| 170°   | 1305.4 | 1306.3 | 1307.1 | 1308.0 |
| 172.5° | 1310.6 | 1311.7 | 1312.8 | 1313.9 |
| 175°   | 1315.5 | 1316.6 | 1317.7 | 1318.8 |
| 177.5° | 1317.4 | 1318.5 | 1319.6 | 1320.7 |
| 180°   | 1318.8 | 1318.8 | 1318.8 | 1318.8 |

(END OF REPORT)