

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: P1032107

Luminaire Tested: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1032107  
REPORT IS A COMBINATION OF REPORTS P994010 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1  
Description: Define 3 Regressed Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721}  
{m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

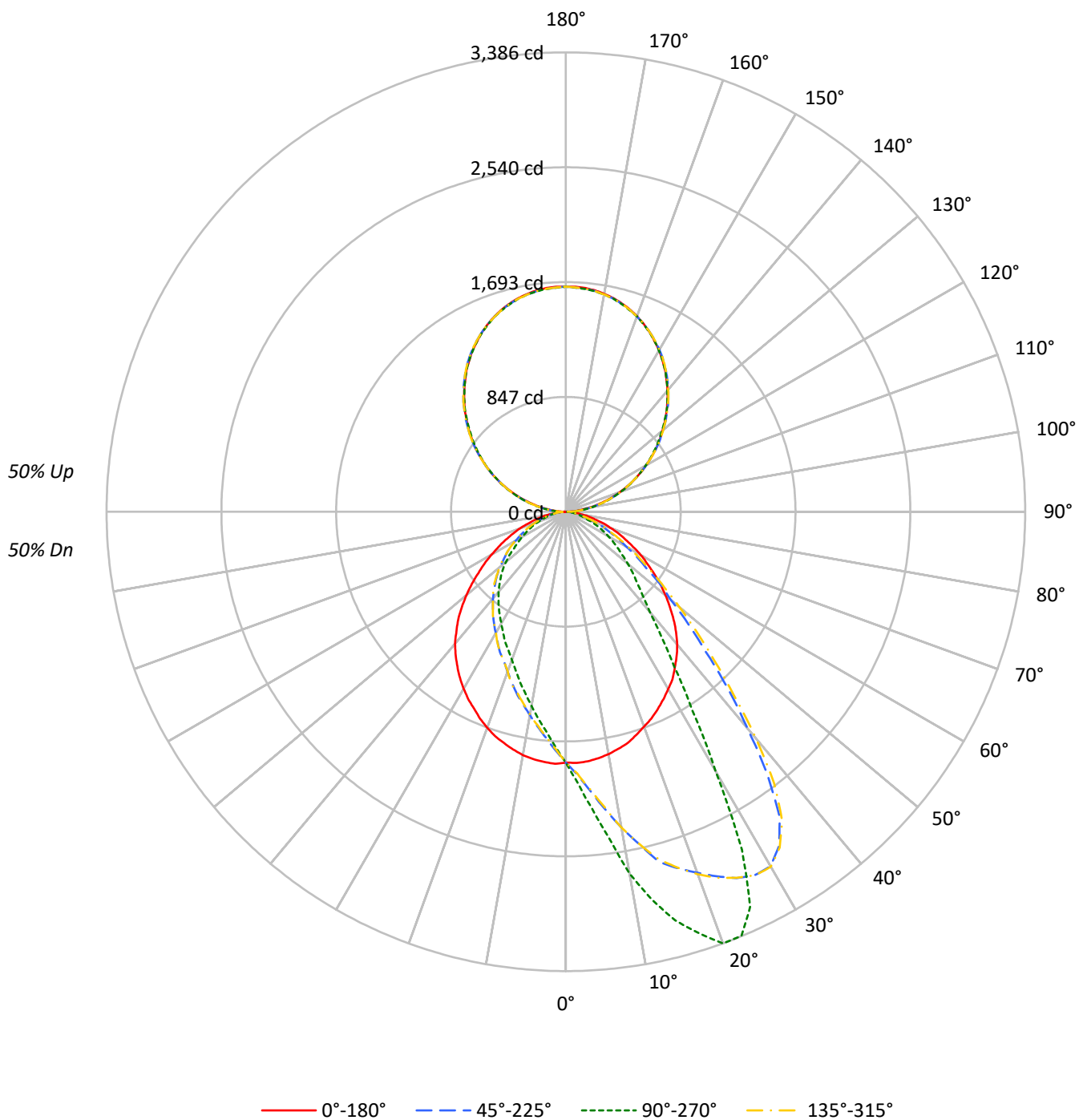
Lumens per Lamp: N/A  
Luminaire Lumens: 9202.0 lumens  
Efficiency: N/A  
Efficacy: 89.0 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 103.4  
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: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P1032107

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 56 | 56 | 56 |
| 1   | 98  | 94  | 91  | 87  | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 60 | 59 | 51 | 50 | 49 |
| 2   | 90  | 83  | 77  | 72  | 83 | 77 | 72 | 68 | 65 | 62 | 59 | 55 | 52 | 50 | 45 | 43 | 42 |
| 3   | 83  | 73  | 66  | 61  | 76 | 68 | 62 | 57 | 58 | 54 | 50 | 49 | 46 | 43 | 41 | 38 | 36 |
| 4   | 76  | 65  | 58  | 52  | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 37 | 34 | 32 |
| 5   | 70  | 59  | 51  | 45  | 64 | 55 | 48 | 42 | 47 | 42 | 37 | 40 | 36 | 33 | 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  | 35  | 55 | 45 | 38 | 33 | 39 | 33 | 29 | 33 | 29 | 26 | 28 | 25 | 22 |
| 8   | 55  | 43  | 36  | 31  | 51 | 41 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 26 | 22 | 20 |
| 9   | 52  | 40  | 32  | 28  | 48 | 37 | 31 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 |
| 10  | 48  | 37  | 29  | 25  | 45 | 34 | 28 | 24 | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 17 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 19894 | 19894 | 19894 | 19894 |
| 5°  | 19909 | 22912 | 19960 | 16998 |
| 10° | 19732 | 27657 | 19819 | 14847 |
| 15° | 19530 | 31390 | 19530 | 13091 |
| 20° | 19129 | 33859 | 19237 | 11613 |
| 25° | 18837 | 32168 | 18799 | 10596 |
| 30° | 18495 | 22288 | 18457 | 9602  |
| 35° | 18085 | 14310 | 18002 | 8853  |
| 40° | 17573 | 10105 | 17487 | 8107  |
| 45° | 16684 | 8086  | 16662 | 7381  |
| 50° | 15593 | 6764  | 15541 | 6532  |
| 55° | 14363 | 5575  | 14249 | 5537  |
| 60° | 13159 | 4609  | 13026 | 4709  |
| 65° | 11744 | 3688  | 11818 | 3991  |
| 70° | 10437 | 2562  | 10716 | 3227  |
| 75° | 8848  | 1900  | 9209  | 2481  |
| 80° | 7047  | 1261  | 7644  | 1860  |
| 85° | 5014  | 596   | 5475  | 1157  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 26558 cd/sqm

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 181.5  | 2.0       |
| 10°-20°   | 568.1  | 6.2       |
| 20°-30°   | 894.8  | 9.7       |
| 30°-40°   | 930.5  | 10.1      |
| 40°-50°   | 796.0  | 8.7       |
| 50°-60°   | 606.9  | 6.6       |
| 60°-70°   | 388.8  | 4.2       |
| 70°-80°   | 186.3  | 2.0       |
| 80°-90°   | 52.5   | 0.6       |
| 90°-100°  | 106.8  | 1.2       |
| 100°-110° | 323.2  | 3.5       |
| 110°-120° | 550.2  | 6.0       |
| 120°-130° | 723.9  | 7.9       |
| 130°-140° | 813.7  | 8.8       |
| 140°-150° | 799.9  | 8.7       |
| 150°-160° | 673.4  | 7.3       |
| 160°-170° | 448.3  | 4.9       |
| 170°-180° | 157.0  | 1.7       |
| 0°-30°    | 1644.5 | 17.9      |
| 0°-40°    | 2574.9 | 28.0      |
| 0°-60°    | 3977.9 | 43.2      |
| 0°-90°    | 4605.5 | 50.0      |
| 90°-120°  | 980.2  | 10.7      |
| 90°-150°  | 3317.7 | 36.1      |
| 90°-180°  | 4596.0 | 49.9      |
| 0°-180°   | 9202.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1848 | 1848 | 1848 | 1848 | 1848 |      |
| 5°   | 1847 | 2195 | 1851 | 1628 | 1847 | 175  |
| 15°  | 1764 | 3119 | 1764 | 1301 | 1764 | 496  |
| 25°  | 1604 | 3214 | 1601 | 1059 | 1604 | 739  |
| 35°  | 1400 | 1394 | 1394 | 862  | 1400 | 876  |
| 45°  | 1123 | 744  | 1122 | 679  | 1123 | 865  |
| 55°  | 793  | 467  | 786  | 464  | 793  | 710  |
| 65°  | 486  | 269  | 489  | 291  | 486  | 485  |
| 75°  | 233  | 114  | 242  | 149  | 233  | 251  |
| 85°  | 52   | 27   | 57   | 52   | 52   | 58   |
| 90°  | 1    | 39   | 1    | 39   | 1    | 9    |
| 95°  | 77   | 102  | 77   | 102  | 77   | 85   |
| 105° | 293  | 310  | 293  | 310  | 293  | 314  |
| 115° | 554  | 555  | 554  | 555  | 554  | 548  |
| 125° | 811  | 801  | 811  | 801  | 811  | 723  |
| 135° | 1052 | 1050 | 1052 | 1050 | 1052 | 810  |
| 145° | 1276 | 1276 | 1276 | 1276 | 1276 | 797  |
| 155° | 1461 | 1458 | 1461 | 1458 | 1461 | 672  |
| 165° | 1591 | 1586 | 1591 | 1586 | 1591 | 449  |
| 175° | 1655 | 1648 | 1655 | 1648 | 1655 | 157  |
| 180° | 1659 | 1659 | 1659 | 1659 | 1659 |      |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 |
| 2.5°   | 1852.9 | 1865.6 | 1875.1 | 1881.4 | 1897.2 | 1906.7 | 1914.6 | 1928.9 | 1928.9 | 1932.0 | 1938.3 |
| 5°     | 1846.6 | 1873.5 | 1892.5 | 1917.8 | 1951.0 | 1966.8 | 1989.0 | 2008.0 | 2034.9 | 2049.1 | 2063.3 |
| 7.5°   | 1832.3 | 1870.3 | 1909.9 | 1947.8 | 1996.9 | 2028.5 | 2050.7 | 2099.7 | 2134.6 | 2177.3 | 2210.5 |
| 10°    | 1813.3 | 1865.6 | 1916.2 | 1974.7 | 2041.2 | 2088.7 | 2121.9 | 2186.8 | 2253.2 | 2313.4 | 2364.0 |
| 12.5°  | 1789.6 | 1852.9 | 1925.7 | 1996.9 | 2090.2 | 2137.7 | 2191.5 | 2272.2 | 2367.2 | 2443.1 | 2511.1 |
| 15°    | 1764.3 | 1837.1 | 1919.4 | 2006.4 | 2123.5 | 2189.9 | 2267.5 | 2365.6 | 2471.6 | 2580.8 | 2674.1 |
| 17.5°  | 1724.7 | 1816.5 | 1908.3 | 2034.9 | 2172.5 | 2212.1 | 2278.5 | 2413.0 | 2544.4 | 2642.5 | 2756.4 |
| 20°    | 1685.2 | 1788.0 | 1903.5 | 2017.5 | 2166.2 | 2258.0 | 2319.7 | 2462.1 | 2602.9 | 2721.6 | 2830.8 |
| 22.5°  | 1648.8 | 1756.4 | 1876.6 | 2020.6 | 2159.9 | 2251.6 | 2329.2 | 2477.9 | 2640.9 | 2773.8 | 2908.3 |
| 25°    | 1604.5 | 1721.6 | 1854.5 | 1990.6 | 2159.9 | 2229.5 | 2314.9 | 2487.4 | 2659.9 | 2813.4 | 2979.5 |
| 27.5°  | 1557.0 | 1675.7 | 1807.0 | 1946.3 | 2101.3 | 2204.2 | 2288.0 | 2473.2 | 2683.6 | 2848.2 | 3019.1 |
| 30°    | 1509.5 | 1631.4 | 1758.0 | 1883.0 | 2057.0 | 2155.1 | 2251.6 | 2455.8 | 2696.3 | 2884.6 | 3015.9 |
| 32.5°  | 1463.6 | 1566.5 | 1691.5 | 1813.3 | 1985.8 | 2093.4 | 2202.6 | 2438.4 | 2701.0 | 2859.3 | 2922.5 |
| 35°    | 1400.4 | 1508.0 | 1609.2 | 1739.0 | 1913.0 | 2019.0 | 2147.2 | 2436.8 | 2680.5 | 2778.6 | 2746.9 |
| 37.5°  | 1341.8 | 1432.0 | 1528.5 | 1644.0 | 1822.8 | 1960.5 | 2093.4 | 2395.6 | 2612.4 | 2618.7 | 2439.9 |
| 40°    | 1276.9 | 1351.3 | 1432.0 | 1553.8 | 1746.9 | 1883.0 | 2027.0 | 2332.3 | 2489.0 | 2395.6 | 2080.8 |
| 42.5°  | 1202.6 | 1269.0 | 1332.3 | 1451.0 | 1661.4 | 1813.3 | 1968.4 | 2253.2 | 2310.2 | 2095.0 | 1767.5 |
| 45°    | 1123.4 | 1177.2 | 1235.8 | 1360.8 | 1571.2 | 1721.6 | 1876.6 | 2131.4 | 2072.8 | 1769.0 | 1457.3 |
| 47.5°  | 1041.2 | 1087.1 | 1144.0 | 1257.9 | 1474.7 | 1628.2 | 1775.4 | 1957.3 | 1808.6 | 1482.6 | 1221.6 |
| 50°    | 958.9  | 995.3  | 1050.7 | 1167.8 | 1376.6 | 1515.9 | 1651.9 | 1770.6 | 1561.8 | 1272.2 | 1009.5 |
| 52.5°  | 878.2  | 906.7  | 963.6  | 1063.3 | 1265.9 | 1398.8 | 1496.9 | 1542.8 | 1330.7 | 1050.7 | 876.6  |
| 55°    | 792.7  | 824.4  | 862.4  | 963.6  | 1164.6 | 1262.7 | 1327.6 | 1326.0 | 1107.6 | 890.8  | 724.7  |
| 57.5°  | 710.5  | 738.9  | 772.2  | 873.4  | 1036.4 | 1102.9 | 1158.3 | 1131.4 | 924.1  | 729.5  | 621.9  |
| 60°    | 637.7  | 653.5  | 689.9  | 775.3  | 898.8  | 955.7  | 987.4  | 941.5  | 754.8  | 615.5  | 514.3  |
| 62.5°  | 558.6  | 574.4  | 604.4  | 685.1  | 761.1  | 791.2  | 818.1  | 759.5  | 623.4  | 501.6  | 439.9  |
| 65°    | 485.8  | 506.3  | 525.3  | 590.2  | 631.3  | 667.7  | 664.6  | 615.5  | 487.4  | 408.2  | 357.6  |
| 67.5°  | 422.5  | 430.4  | 446.2  | 485.8  | 504.8  | 531.7  | 533.2  | 477.9  | 392.4  | 332.3  | 302.2  |
| 70°    | 354.4  | 362.4  | 373.4  | 392.4  | 405.1  | 411.4  | 408.2  | 359.2  | 295.9  | 259.5  | 232.6  |
| 72.5°  | 295.9  | 294.3  | 302.2  | 302.2  | 314.9  | 313.3  | 303.8  | 265.8  | 224.7  | 194.6  | 178.8  |
| 75°    | 232.6  | 234.2  | 235.8  | 232.6  | 227.9  | 221.5  | 213.6  | 185.1  | 158.2  | 144.0  | 129.8  |
| 77.5°  | 182.0  | 178.8  | 180.4  | 169.3  | 163.0  | 156.6  | 145.6  | 131.3  | 109.2  | 106.0  | 99.7   |
| 80°    | 129.8  | 128.2  | 126.6  | 121.8  | 107.6  | 101.3  | 93.4   | 85.4   | 80.7   | 77.5   | 76.0   |
| 82.5°  | 87.0   | 87.0   | 83.9   | 74.4   | 66.5   | 61.7   | 60.1   | 57.0   | 52.2   | 52.2   | 50.6   |
| 85°    | 52.2   | 50.6   | 47.5   | 38.0   | 33.2   | 33.2   | 33.2   | 33.2   | 30.1   | 30.1   | 28.5   |
| 87.5°  | 20.6   | 19.0   | 14.2   | 14.2   | 12.7   | 12.7   | 12.7   | 11.1   | 11.1   | 9.5    | 9.5    |
| 90°    | 1.3    | 4.2    | 7.1    | 10.0   | 12.9   | 14.3   | 16.2   | 20.0   | 23.7   | 27.5   | 31.3   |
| 92.5°  | 39.1   | 40.8   | 42.6   | 44.3   | 46.0   | 46.9   | 47.8   | 49.5   | 51.2   | 53.0   | 54.7   |
| 95°    | 76.9   | 78.9   | 80.9   | 83.0   | 85.0   | 86.0   | 87.2   | 89.5   | 91.8   | 94.1   | 96.4   |
| 97.5°  | 126.4  | 127.8  | 129.3  | 130.7  | 132.2  | 132.9  | 133.8  | 135.5  | 137.2  | 139.0  | 140.7  |
| 100°   | 177.2  | 178.9  | 180.7  | 182.4  | 184.1  | 185.0  | 185.7  | 187.2  | 188.7  | 190.1  | 191.6  |
| 102.5° | 235.9  | 236.8  | 237.6  | 238.5  | 239.4  | 239.8  | 240.8  | 242.8  | 244.9  | 246.9  | 248.9  |
| 105°   | 293.2  | 293.8  | 294.4  | 294.9  | 295.5  | 295.8  | 297.1  | 299.7  | 302.3  | 304.9  | 307.5  |
| 107.5° | 361.0  | 361.3  | 361.6  | 361.9  | 362.2  | 362.3  | 362.9  | 364.0  | 365.2  | 366.3  | 367.5  |
| 110°   | 423.5  | 424.1  | 424.7  | 425.2  | 425.8  | 426.1  | 426.4  | 427.0  | 427.5  | 428.1  | 428.7  |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 488.7  | 489.0  | 489.3  | 489.6  | 489.9  | 490.0  | 490.0  | 490.0  | 490.0  | 490.0  | 490.0  |
| 115°   | 553.8  | 554.7  | 555.5  | 556.4  | 557.3  | 557.7  | 557.4  | 556.8  | 556.3  | 555.7  | 555.1  |
| 117.5° | 620.3  | 620.6  | 620.9  | 621.2  | 621.5  | 621.6  | 621.3  | 620.7  | 620.2  | 619.6  | 619.0  |
| 120°   | 681.5  | 683.3  | 685.0  | 686.8  | 688.5  | 689.4  | 688.7  | 687.2  | 685.7  | 684.3  | 682.8  |
| 122.5° | 745.4  | 746.6  | 747.7  | 748.9  | 750.0  | 750.6  | 750.3  | 749.7  | 749.2  | 748.6  | 748.0  |
| 125°   | 810.6  | 811.5  | 812.3  | 813.2  | 814.1  | 814.5  | 814.2  | 813.6  | 813.1  | 812.5  | 811.9  |
| 127.5° | 870.5  | 872.2  | 874.0  | 875.7  | 877.4  | 878.3  | 878.0  | 877.4  | 876.9  | 876.3  | 875.7  |
| 130°   | 930.4  | 932.7  | 935.1  | 937.4  | 939.7  | 940.9  | 940.5  | 939.6  | 938.7  | 937.9  | 937.0  |
| 132.5° | 990.4  | 992.7  | 995.0  | 997.3  | 999.6  | 1000.8 | 1000.5 | 999.9  | 999.4  | 998.8  | 998.2  |
| 135°   | 1051.6 | 1053.4 | 1055.1 | 1056.9 | 1058.6 | 1059.5 | 1059.3 | 1059.0 | 1058.7 | 1058.4 | 1058.1 |
| 137.5° | 1107.7 | 1109.1 | 1110.6 | 1112.0 | 1113.5 | 1114.2 | 1114.6 | 1115.5 | 1116.4 | 1117.2 | 1118.1 |
| 140°   | 1166.3 | 1167.7 | 1169.2 | 1170.6 | 1172.1 | 1172.8 | 1172.9 | 1173.2 | 1173.5 | 1173.8 | 1174.1 |
| 142.5° | 1219.7 | 1221.2 | 1222.6 | 1224.1 | 1225.6 | 1226.3 | 1226.6 | 1227.2 | 1227.7 | 1228.3 | 1228.9 |
| 145°   | 1275.8 | 1276.4 | 1277.0 | 1277.5 | 1278.1 | 1278.4 | 1278.8 | 1279.7 | 1280.6 | 1281.4 | 1282.3 |
| 147.5° | 1324.0 | 1325.2 | 1326.3 | 1327.5 | 1328.6 | 1329.2 | 1329.6 | 1330.5 | 1331.4 | 1332.2 | 1333.1 |
| 150°   | 1374.8 | 1375.4 | 1376.0 | 1376.5 | 1377.1 | 1377.4 | 1377.7 | 1378.3 | 1378.8 | 1379.4 | 1380.0 |
| 152.5° | 1416.5 | 1417.4 | 1418.2 | 1419.1 | 1420.0 | 1420.4 | 1420.5 | 1420.8 | 1421.1 | 1421.4 | 1421.7 |
| 155°   | 1460.8 | 1460.8 | 1460.8 | 1460.8 | 1460.8 | 1460.8 | 1460.9 | 1461.2 | 1461.5 | 1461.8 | 1462.1 |
| 157.5° | 1498.6 | 1498.3 | 1498.0 | 1497.7 | 1497.4 | 1497.3 | 1497.4 | 1497.7 | 1498.0 | 1498.3 | 1498.6 |
| 160°   | 1533.8 | 1533.2 | 1532.6 | 1532.1 | 1531.5 | 1531.2 | 1531.2 | 1531.2 | 1531.2 | 1531.2 | 1531.2 |
| 162.5° | 1565.1 | 1564.2 | 1563.4 | 1562.5 | 1561.6 | 1561.2 | 1561.3 | 1561.6 | 1561.9 | 1562.2 | 1562.5 |
| 165°   | 1591.1 | 1590.2 | 1589.4 | 1588.5 | 1587.6 | 1587.2 | 1587.2 | 1587.2 | 1587.2 | 1587.2 | 1587.2 |
| 167.5° | 1613.3 | 1612.1 | 1611.0 | 1609.8 | 1608.7 | 1608.1 | 1608.2 | 1608.5 | 1608.8 | 1609.1 | 1609.4 |
| 170°   | 1631.5 | 1630.3 | 1629.2 | 1628.0 | 1626.9 | 1626.3 | 1626.3 | 1626.3 | 1626.3 | 1626.3 | 1626.3 |
| 172.5° | 1645.9 | 1644.7 | 1643.5 | 1642.4 | 1641.2 | 1640.6 | 1640.6 | 1640.6 | 1640.6 | 1640.6 | 1640.6 |
| 175°   | 1655.0 | 1653.8 | 1652.7 | 1651.5 | 1650.4 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 |
| 177.5° | 1660.2 | 1659.0 | 1657.9 | 1656.7 | 1655.6 | 1655.0 | 1655.0 | 1655.0 | 1655.0 | 1655.0 | 1655.0 |
| 180°   | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 |
| 2.5°   | 1951.0 | 1951.0 | 1965.2 | 1979.5 | 1971.6 | 1976.3 | 1993.7 | 1987.4 | 2000.1 | 1998.5 | 2003.2 |
| 5°     | 2098.2 | 2115.6 | 2129.8 | 2159.9 | 2164.6 | 2159.9 | 2189.9 | 2197.8 | 2212.1 | 2194.7 | 2202.6 |
| 7.5°   | 2264.3 | 2300.7 | 2335.5 | 2379.8 | 2394.1 | 2397.2 | 2413.0 | 2435.2 | 2454.2 | 2419.4 | 2436.8 |
| 10°    | 2425.7 | 2481.1 | 2552.3 | 2591.8 | 2626.7 | 2639.3 | 2652.0 | 2666.2 | 2688.4 | 2708.9 | 2693.1 |
| 12.5°  | 2599.8 | 2680.5 | 2748.5 | 2819.7 | 2862.4 | 2857.7 | 2894.1 | 2903.6 | 2921.0 | 2925.7 | 2932.0 |
| 15°    | 2742.2 | 2856.1 | 2898.8 | 3004.8 | 3014.3 | 3046.0 | 3087.1 | 3123.5 | 3128.3 | 3118.8 | 3118.8 |
| 17.5°  | 2878.2 | 2976.3 | 3052.3 | 3137.7 | 3155.1 | 3182.0 | 3234.3 | 3251.7 | 3258.0 | 3256.4 | 3256.4 |
| 20°    | 2989.0 | 3053.9 | 3182.0 | 3253.3 | 3281.7 | 3316.5 | 3352.9 | 3375.1 | 3379.8 | 3386.2 | 3376.7 |
| 22.5°  | 3061.8 | 3159.9 | 3264.3 | 3322.9 | 3346.6 | 3359.3 | 3383.0 | 3389.3 | 3381.4 | 3383.0 | 3384.6 |
| 25°    | 3118.8 | 3215.3 | 3278.6 | 3294.4 | 3292.8 | 3277.0 | 3259.6 | 3229.5 | 3226.4 | 3213.7 | 3188.4 |
| 27.5°  | 3134.6 | 3171.0 | 3163.1 | 3098.2 | 3033.3 | 3027.0 | 2922.5 | 2865.6 | 2800.7 | 2810.2 | 2773.8 |
| 30°    | 3049.1 | 3001.7 | 2889.3 | 2724.8 | 2656.7 | 2546.0 | 2428.9 | 2307.0 | 2259.6 | 2207.3 | 2303.9 |
| 32.5°  | 2840.3 | 2671.0 | 2471.6 | 2258.0 | 2144.0 | 2045.9 | 1920.9 | 1832.3 | 1781.7 | 1739.0 | 1821.3 |
| 35°    | 2525.4 | 2261.1 | 1996.9 | 1794.4 | 1701.0 | 1612.4 | 1495.3 | 1451.0 | 1387.7 | 1394.0 | 1401.9 |
| 37.5°  | 2120.3 | 1829.2 | 1629.8 | 1430.4 | 1368.7 | 1332.3 | 1246.9 | 1178.8 | 1156.7 | 1150.3 | 1150.3 |
| 40°    | 1740.6 | 1501.6 | 1324.4 | 1167.8 | 1120.3 | 1090.2 | 1022.2 | 990.5  | 966.8  | 960.5  | 968.4  |
| 42.5°  | 1439.9 | 1235.8 | 1098.1 | 993.7  | 960.5  | 922.5  | 894.0  | 854.5  | 849.7  | 838.6  | 852.9  |
| 45°    | 1208.9 | 1031.7 | 928.8  | 852.9  | 824.4  | 810.1  | 778.5  | 754.8  | 745.3  | 743.7  | 754.8  |
| 47.5°  | 1025.3 | 887.7  | 797.5  | 750.0  | 727.9  | 713.6  | 686.7  | 677.2  | 667.7  | 670.9  | 666.2  |
| 50°    | 860.8  | 757.9  | 699.4  | 656.7  | 642.4  | 628.2  | 610.8  | 601.3  | 596.5  | 596.5  | 595.0  |
| 52.5°  | 738.9  | 653.5  | 615.5  | 576.0  | 569.6  | 561.7  | 542.7  | 536.4  | 528.5  | 526.9  | 533.2  |
| 55°    | 632.9  | 574.4  | 536.4  | 512.7  | 506.3  | 490.5  | 482.6  | 474.7  | 469.9  | 466.8  | 468.4  |
| 57.5°  | 541.2  | 496.8  | 471.5  | 451.0  | 439.9  | 433.6  | 419.3  | 417.7  | 414.6  | 414.6  | 413.0  |
| 60°    | 465.2  | 433.6  | 403.5  | 390.8  | 382.9  | 375.0  | 373.4  | 363.9  | 359.2  | 362.4  | 360.8  |
| 62.5°  | 394.0  | 368.7  | 351.3  | 337.0  | 332.3  | 326.0  | 321.2  | 318.0  | 313.3  | 314.9  | 314.9  |
| 65°    | 329.1  | 308.6  | 295.9  | 283.2  | 281.7  | 275.3  | 273.7  | 270.6  | 270.6  | 269.0  | 272.2  |
| 67.5°  | 270.6  | 256.3  | 245.3  | 237.3  | 232.6  | 234.2  | 227.9  | 223.1  | 223.1  | 221.5  | 226.3  |
| 70°    | 215.2  | 207.3  | 196.2  | 186.7  | 180.4  | 180.4  | 172.5  | 170.9  | 170.9  | 170.9  | 169.3  |
| 72.5°  | 166.1  | 151.9  | 147.2  | 144.0  | 144.0  | 144.0  | 140.8  | 140.8  | 139.2  | 140.8  | 139.2  |
| 75°    | 123.4  | 121.8  | 118.7  | 117.1  | 117.1  | 115.5  | 113.9  | 113.9  | 113.9  | 113.9  | 113.9  |
| 77.5°  | 96.5   | 96.5   | 93.4   | 91.8   | 91.8   | 91.8   | 90.2   | 90.2   | 88.6   | 88.6   | 88.6   |
| 80°    | 71.2   | 71.2   | 68.0   | 68.0   | 68.0   | 66.5   | 66.5   | 66.5   | 68.0   | 66.5   | 66.5   |
| 82.5°  | 49.1   | 49.1   | 47.5   | 49.1   | 47.5   | 45.9   | 45.9   | 45.9   | 44.3   | 45.9   | 45.9   |
| 85°    | 28.5   | 28.5   | 26.9   | 25.3   | 26.9   | 26.9   | 25.3   | 26.9   | 25.3   | 26.9   | 25.3   |
| 87.5°  | 11.1   | 9.5    | 9.5    | 9.5    | 7.9    | 9.5    | 7.9    | 7.9    | 9.5    | 7.9    | 9.5    |
| 90°    | 32.5   | 33.6   | 34.8   | 35.9   | 36.5   | 36.8   | 37.4   | 37.9   | 38.5   | 39.1   | 38.5   |
| 92.5°  | 55.6   | 56.4   | 57.3   | 58.2   | 58.6   | 58.3   | 57.7   | 57.2   | 56.6   | 56.0   | 56.6   |
| 95°    | 97.6   | 98.7   | 99.9   | 101.0  | 101.6  | 101.6  | 101.6  | 101.6  | 101.6  | 101.6  | 101.6  |
| 97.5°  | 142.2  | 143.6  | 145.1  | 146.6  | 147.3  | 147.2  | 146.9  | 146.6  | 146.3  | 146.0  | 146.3  |
| 100°   | 192.5  | 193.3  | 194.2  | 195.1  | 195.5  | 195.8  | 196.4  | 196.9  | 197.5  | 198.1  | 197.5  |
| 102.5° | 249.8  | 250.6  | 251.5  | 252.4  | 252.8  | 252.7  | 252.4  | 252.1  | 251.8  | 251.5  | 251.8  |
| 105°   | 307.5  | 307.5  | 307.5  | 307.5  | 307.5  | 307.8  | 308.4  | 308.9  | 309.5  | 310.1  | 309.5  |
| 107.5° | 368.4  | 369.2  | 370.1  | 371.0  | 371.4  | 371.3  | 371.0  | 370.7  | 370.4  | 370.1  | 370.4  |
| 110°   | 429.9  | 431.0  | 432.2  | 433.3  | 433.9  | 433.6  | 433.0  | 432.5  | 431.9  | 431.3  | 431.9  |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 491.4  | 492.9  | 494.3  | 495.8  | 496.5  | 496.5  | 496.5  | 496.5  | 496.5  | 496.5  | 496.5  |
| 115°   | 555.4  | 555.7  | 556.0  | 556.3  | 556.4  | 556.3  | 556.0  | 555.7  | 555.4  | 555.1  | 555.4  |
| 117.5° | 619.0  | 619.0  | 619.0  | 619.0  | 619.0  | 618.6  | 617.7  | 616.8  | 616.0  | 615.1  | 616.0  |
| 120°   | 682.5  | 682.2  | 681.9  | 681.6  | 681.5  | 681.2  | 680.6  | 680.1  | 679.5  | 678.9  | 679.5  |
| 122.5° | 747.1  | 746.3  | 745.4  | 744.5  | 744.1  | 743.7  | 742.8  | 741.9  | 741.1  | 740.2  | 741.1  |
| 125°   | 810.7  | 809.5  | 808.4  | 807.2  | 806.6  | 806.0  | 804.9  | 803.7  | 802.6  | 801.4  | 802.6  |
| 127.5° | 874.0  | 872.2  | 870.5  | 868.8  | 867.9  | 867.3  | 866.2  | 865.0  | 863.9  | 862.7  | 863.9  |
| 130°   | 935.8  | 934.6  | 933.5  | 932.3  | 931.7  | 930.7  | 928.7  | 926.6  | 924.6  | 922.6  | 924.6  |
| 132.5° | 996.8  | 995.3  | 993.9  | 992.4  | 991.7  | 991.0  | 989.5  | 988.1  | 986.6  | 985.2  | 986.6  |
| 135°   | 1056.9 | 1055.8 | 1054.6 | 1053.5 | 1052.9 | 1052.6 | 1052.0 | 1051.5 | 1050.9 | 1050.3 | 1050.9 |
| 137.5° | 1116.7 | 1115.2 | 1113.8 | 1112.3 | 1111.6 | 1111.2 | 1110.3 | 1109.4 | 1108.6 | 1107.7 | 1108.6 |
| 140°   | 1173.8 | 1173.5 | 1173.2 | 1172.9 | 1172.8 | 1171.8 | 1169.8 | 1167.7 | 1165.7 | 1163.7 | 1165.7 |
| 142.5° | 1228.6 | 1228.3 | 1228.0 | 1227.7 | 1227.6 | 1226.9 | 1225.4 | 1223.9 | 1222.5 | 1221.0 | 1222.5 |
| 145°   | 1282.0 | 1281.7 | 1281.4 | 1281.1 | 1281.0 | 1280.4 | 1279.3 | 1278.1 | 1277.0 | 1275.8 | 1277.0 |
| 147.5° | 1333.1 | 1333.1 | 1333.1 | 1333.1 | 1333.1 | 1332.2 | 1330.5 | 1328.8 | 1327.0 | 1325.3 | 1327.0 |
| 150°   | 1380.0 | 1380.0 | 1380.0 | 1380.0 | 1380.0 | 1379.1 | 1377.4 | 1375.7 | 1373.9 | 1372.2 | 1373.9 |
| 152.5° | 1422.3 | 1422.9 | 1423.4 | 1424.0 | 1424.3 | 1423.6 | 1422.1 | 1420.7 | 1419.2 | 1417.8 | 1419.2 |
| 155°   | 1463.3 | 1464.4 | 1465.6 | 1466.7 | 1467.3 | 1466.3 | 1464.3 | 1462.2 | 1460.2 | 1458.2 | 1460.2 |
| 157.5° | 1499.8 | 1500.9 | 1502.1 | 1503.2 | 1503.8 | 1502.9 | 1501.2 | 1499.5 | 1497.7 | 1496.0 | 1497.7 |
| 160°   | 1532.6 | 1534.1 | 1535.5 | 1537.0 | 1537.7 | 1537.1 | 1536.0 | 1534.8 | 1533.7 | 1532.5 | 1533.7 |
| 162.5° | 1563.9 | 1565.4 | 1566.8 | 1568.3 | 1569.0 | 1568.0 | 1566.0 | 1563.9 | 1561.9 | 1559.9 | 1561.9 |
| 165°   | 1588.9 | 1590.7 | 1592.4 | 1594.1 | 1595.0 | 1594.0 | 1592.0 | 1589.9 | 1587.9 | 1585.9 | 1587.9 |
| 167.5° | 1611.1 | 1612.9 | 1614.6 | 1616.3 | 1617.2 | 1616.3 | 1614.6 | 1612.9 | 1611.1 | 1609.4 | 1611.1 |
| 170°   | 1628.3 | 1630.3 | 1632.4 | 1634.4 | 1635.4 | 1634.4 | 1632.4 | 1630.3 | 1628.3 | 1626.3 | 1628.3 |
| 172.5° | 1642.4 | 1644.1 | 1645.9 | 1647.6 | 1648.5 | 1647.5 | 1645.4 | 1643.4 | 1641.3 | 1639.3 | 1641.3 |
| 175°   | 1651.5 | 1653.3 | 1655.0 | 1656.7 | 1657.6 | 1656.6 | 1654.6 | 1652.5 | 1650.5 | 1648.5 | 1650.5 |
| 177.5° | 1656.7 | 1658.5 | 1660.2 | 1661.9 | 1662.8 | 1661.8 | 1659.8 | 1657.7 | 1655.7 | 1653.7 | 1655.7 |
| 180°   | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 |
| 2.5°   | 1995.3 | 1985.8 | 1979.5 | 1974.7 | 1970.0 | 1984.2 | 1965.2 | 1944.7 | 1930.4 | 1920.9 | 1917.8 |
| 5°     | 2204.2 | 2183.6 | 2166.2 | 2152.0 | 2155.1 | 2155.1 | 2121.9 | 2085.5 | 2053.9 | 2036.4 | 2017.5 |
| 7.5°   | 2446.3 | 2424.1 | 2389.3 | 2381.4 | 2375.1 | 2335.5 | 2302.3 | 2235.8 | 2196.3 | 2156.7 | 2121.9 |
| 10°    | 2686.8 | 2658.3 | 2625.1 | 2614.0 | 2598.2 | 2549.1 | 2498.5 | 2413.0 | 2364.0 | 2291.2 | 2245.3 |
| 12.5°  | 2911.5 | 2876.7 | 2843.4 | 2835.5 | 2811.8 | 2769.1 | 2682.0 | 2593.4 | 2509.6 | 2432.0 | 2351.3 |
| 15°    | 3099.8 | 3090.3 | 3039.6 | 3008.0 | 2955.8 | 2897.2 | 2878.2 | 2758.0 | 2652.0 | 2571.3 | 2425.7 |
| 17.5°  | 3258.0 | 3213.7 | 3166.2 | 3145.7 | 3125.1 | 3057.0 | 2989.0 | 2865.6 | 2751.7 | 2633.0 | 2539.6 |
| 20°    | 3384.6 | 3335.5 | 3302.3 | 3272.2 | 3262.7 | 3185.2 | 3077.6 | 2968.4 | 2843.4 | 2710.5 | 2588.7 |
| 22.5°  | 3390.9 | 3384.6 | 3362.4 | 3345.0 | 3326.0 | 3275.4 | 3190.0 | 3053.9 | 2921.0 | 2775.4 | 2615.6 |
| 25°    | 3259.6 | 3250.1 | 3313.4 | 3297.6 | 3310.2 | 3291.2 | 3245.3 | 3131.4 | 2976.3 | 2805.5 | 2644.1 |
| 27.5°  | 2864.0 | 2960.5 | 3060.2 | 3095.0 | 3118.8 | 3186.8 | 3208.9 | 3145.7 | 3020.7 | 2838.7 | 2658.3 |
| 30°    | 2326.0 | 2454.2 | 2615.6 | 2702.6 | 2769.1 | 2895.6 | 3060.2 | 3080.8 | 3022.2 | 2876.7 | 2655.1 |
| 32.5°  | 1826.0 | 1943.1 | 2072.8 | 2175.7 | 2264.3 | 2523.8 | 2745.3 | 2905.1 | 2933.6 | 2857.7 | 2663.0 |
| 35°    | 1471.6 | 1522.2 | 1645.6 | 1743.7 | 1864.0 | 2085.5 | 2346.6 | 2604.5 | 2778.6 | 2788.1 | 2639.3 |
| 37.5°  | 1213.6 | 1240.5 | 1348.1 | 1403.5 | 1474.7 | 1669.3 | 1913.0 | 2250.1 | 2520.6 | 2648.8 | 2572.9 |
| 40°    | 1004.8 | 1066.5 | 1128.2 | 1159.8 | 1210.5 | 1345.0 | 1579.2 | 1843.4 | 2178.9 | 2416.2 | 2470.0 |
| 42.5°  | 871.9  | 898.8  | 938.3  | 982.6  | 1014.3 | 1131.4 | 1288.0 | 1530.1 | 1832.3 | 2163.0 | 2311.8 |
| 45°    | 769.0  | 778.5  | 819.6  | 848.1  | 881.4  | 963.6  | 1074.4 | 1276.9 | 1542.8 | 1868.7 | 2121.9 |
| 47.5°  | 683.6  | 702.6  | 724.7  | 742.1  | 764.3  | 827.6  | 922.5  | 1069.6 | 1303.8 | 1595.0 | 1867.1 |
| 50°    | 607.6  | 618.7  | 647.2  | 655.1  | 670.9  | 715.2  | 788.0  | 900.3  | 1093.4 | 1326.0 | 1607.6 |
| 52.5°  | 536.4  | 557.0  | 568.1  | 579.1  | 593.4  | 629.8  | 677.2  | 769.0  | 914.6  | 1132.9 | 1371.9 |
| 55°    | 481.0  | 487.4  | 503.2  | 512.7  | 523.7  | 549.1  | 590.2  | 658.2  | 772.2  | 946.2  | 1172.5 |
| 57.5°  | 427.2  | 427.2  | 443.1  | 451.0  | 462.0  | 481.0  | 517.4  | 569.6  | 651.9  | 781.7  | 989.0  |
| 60°    | 370.3  | 371.8  | 384.5  | 394.0  | 397.2  | 416.2  | 446.2  | 487.4  | 550.6  | 645.6  | 814.9  |
| 62.5°  | 319.6  | 327.5  | 333.9  | 337.0  | 348.1  | 359.2  | 384.5  | 413.0  | 457.3  | 541.2  | 661.4  |
| 65°    | 276.9  | 278.5  | 283.2  | 286.4  | 291.1  | 303.8  | 322.8  | 341.8  | 379.8  | 441.5  | 539.6  |
| 67.5°  | 227.9  | 234.2  | 240.5  | 240.5  | 245.3  | 251.6  | 270.6  | 286.4  | 314.9  | 351.3  | 417.7  |
| 70°    | 170.9  | 174.1  | 183.5  | 188.3  | 194.6  | 205.7  | 215.2  | 224.7  | 246.8  | 273.7  | 324.4  |
| 72.5°  | 142.4  | 142.4  | 145.6  | 147.2  | 147.2  | 155.1  | 169.3  | 178.8  | 189.9  | 208.9  | 243.7  |
| 75°    | 113.9  | 113.9  | 118.7  | 117.1  | 120.3  | 123.4  | 125.0  | 131.3  | 137.7  | 151.9  | 172.5  |
| 77.5°  | 90.2   | 91.8   | 91.8   | 93.4   | 93.4   | 94.9   | 96.5   | 99.7   | 102.9  | 110.8  | 120.3  |
| 80°    | 66.5   | 68.0   | 68.0   | 69.6   | 69.6   | 71.2   | 72.8   | 74.4   | 77.5   | 80.7   | 85.4   |
| 82.5°  | 45.9   | 47.5   | 47.5   | 49.1   | 47.5   | 49.1   | 50.6   | 50.6   | 52.2   | 55.4   | 57.0   |
| 85°    | 26.9   | 26.9   | 28.5   | 26.9   | 26.9   | 26.9   | 28.5   | 28.5   | 30.1   | 34.8   | 34.8   |
| 87.5°  | 7.9    | 9.5    | 7.9    | 9.5    | 9.5    | 9.5    | 9.5    | 11.1   | 11.1   | 12.7   | 14.2   |
| 90°    | 37.9   | 37.4   | 36.8   | 36.5   | 35.9   | 34.8   | 33.6   | 32.5   | 31.3   | 27.5   | 23.7   |
| 92.5°  | 57.2   | 57.7   | 58.3   | 58.6   | 58.2   | 57.3   | 56.4   | 55.6   | 54.7   | 53.0   | 51.2   |
| 95°    | 101.6  | 101.6  | 101.6  | 101.6  | 101.0  | 99.9   | 98.7   | 97.6   | 96.4   | 94.1   | 91.8   |
| 97.5°  | 146.6  | 146.9  | 147.2  | 147.3  | 146.6  | 145.1  | 143.6  | 142.2  | 140.7  | 139.0  | 137.2  |
| 100°   | 196.9  | 196.4  | 195.8  | 195.5  | 195.1  | 194.2  | 193.3  | 192.5  | 191.6  | 190.1  | 188.7  |
| 102.5° | 252.1  | 252.4  | 252.7  | 252.8  | 252.4  | 251.5  | 250.6  | 249.8  | 248.9  | 246.9  | 244.9  |
| 105°   | 308.9  | 308.4  | 307.8  | 307.5  | 307.5  | 307.5  | 307.5  | 307.5  | 307.5  | 304.9  | 302.3  |
| 107.5° | 370.7  | 371.0  | 371.3  | 371.4  | 371.0  | 370.1  | 369.2  | 368.4  | 367.5  | 366.3  | 365.2  |
| 110°   | 432.5  | 433.0  | 433.6  | 433.9  | 433.3  | 432.2  | 431.0  | 429.9  | 428.7  | 428.1  | 427.5  |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 496.5  | 496.5  | 496.5  | 496.5  | 495.8  | 494.3  | 492.9  | 491.4  | 490.0  | 490.0  | 490.0  |
| 115°   | 555.7  | 556.0  | 556.3  | 556.4  | 556.3  | 556.0  | 555.7  | 555.4  | 555.1  | 555.7  | 556.3  |
| 117.5° | 616.8  | 617.7  | 618.6  | 619.0  | 619.0  | 619.0  | 619.0  | 619.0  | 619.0  | 619.6  | 620.2  |
| 120°   | 680.1  | 680.6  | 681.2  | 681.5  | 681.6  | 681.9  | 682.2  | 682.5  | 682.8  | 684.3  | 685.7  |
| 122.5° | 741.9  | 742.8  | 743.7  | 744.1  | 744.5  | 745.4  | 746.3  | 747.1  | 748.0  | 748.6  | 749.2  |
| 125°   | 803.7  | 804.9  | 806.0  | 806.6  | 807.2  | 808.4  | 809.5  | 810.7  | 811.9  | 812.5  | 813.1  |
| 127.5° | 865.0  | 866.2  | 867.3  | 867.9  | 868.8  | 870.5  | 872.2  | 874.0  | 875.7  | 876.3  | 876.9  |
| 130°   | 926.6  | 928.7  | 930.7  | 931.7  | 932.3  | 933.5  | 934.6  | 935.8  | 937.0  | 937.9  | 938.7  |
| 132.5° | 988.1  | 989.5  | 991.0  | 991.7  | 992.4  | 993.9  | 995.3  | 996.8  | 998.2  | 998.8  | 999.4  |
| 135°   | 1051.5 | 1052.0 | 1052.6 | 1052.9 | 1053.5 | 1054.6 | 1055.8 | 1056.9 | 1058.1 | 1058.4 | 1058.7 |
| 137.5° | 1109.4 | 1110.3 | 1111.2 | 1111.6 | 1112.3 | 1113.8 | 1115.2 | 1116.7 | 1118.1 | 1117.2 | 1116.4 |
| 140°   | 1167.7 | 1169.8 | 1171.8 | 1172.8 | 1172.9 | 1173.2 | 1173.5 | 1173.8 | 1174.1 | 1173.8 | 1173.5 |
| 142.5° | 1223.9 | 1225.4 | 1226.9 | 1227.6 | 1227.7 | 1228.0 | 1228.3 | 1228.6 | 1228.9 | 1228.3 | 1227.7 |
| 145°   | 1278.1 | 1279.3 | 1280.4 | 1281.0 | 1281.1 | 1281.4 | 1281.7 | 1282.0 | 1282.3 | 1281.4 | 1280.6 |
| 147.5° | 1328.8 | 1330.5 | 1332.2 | 1333.1 | 1333.1 | 1333.1 | 1333.1 | 1333.1 | 1333.1 | 1332.2 | 1331.4 |
| 150°   | 1375.7 | 1377.4 | 1379.1 | 1380.0 | 1380.0 | 1380.0 | 1380.0 | 1380.0 | 1380.0 | 1379.4 | 1378.8 |
| 152.5° | 1420.7 | 1422.1 | 1423.6 | 1424.3 | 1424.0 | 1423.4 | 1422.9 | 1422.3 | 1421.7 | 1421.4 | 1421.1 |
| 155°   | 1462.2 | 1464.3 | 1466.3 | 1467.3 | 1466.7 | 1465.6 | 1464.4 | 1463.3 | 1462.1 | 1461.8 | 1461.5 |
| 157.5° | 1499.5 | 1501.2 | 1502.9 | 1503.8 | 1503.2 | 1502.1 | 1500.9 | 1499.8 | 1498.6 | 1498.3 | 1498.0 |
| 160°   | 1534.8 | 1536.0 | 1537.1 | 1537.7 | 1537.0 | 1535.5 | 1534.1 | 1532.6 | 1531.2 | 1531.2 | 1531.2 |
| 162.5° | 1563.9 | 1566.0 | 1568.0 | 1569.0 | 1568.3 | 1566.8 | 1565.4 | 1563.9 | 1562.5 | 1562.2 | 1561.9 |
| 165°   | 1589.9 | 1592.0 | 1594.0 | 1595.0 | 1594.1 | 1592.4 | 1590.7 | 1588.9 | 1587.2 | 1587.2 | 1587.2 |
| 167.5° | 1612.9 | 1614.6 | 1616.3 | 1617.2 | 1616.3 | 1614.6 | 1612.9 | 1611.1 | 1609.4 | 1609.1 | 1608.8 |
| 170°   | 1630.3 | 1632.4 | 1634.4 | 1635.4 | 1634.4 | 1632.4 | 1630.3 | 1628.3 | 1626.3 | 1626.3 | 1626.3 |
| 172.5° | 1643.4 | 1645.4 | 1647.5 | 1648.5 | 1647.6 | 1645.9 | 1644.1 | 1642.4 | 1640.6 | 1640.6 | 1640.6 |
| 175°   | 1652.5 | 1654.6 | 1656.6 | 1657.6 | 1656.7 | 1655.0 | 1653.3 | 1651.5 | 1649.8 | 1649.8 | 1649.8 |
| 177.5° | 1657.7 | 1659.8 | 1661.8 | 1662.8 | 1661.9 | 1660.2 | 1658.5 | 1656.7 | 1655.0 | 1655.0 | 1655.0 |
| 180°   | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 |
| 2.5°   | 1913.0 | 1905.1 | 1897.2 | 1897.2 | 1879.8 | 1864.0 | 1856.1 | 1859.2 | 1849.7 | 1837.1 | 1824.4 |
| 5°     | 1996.9 | 1965.2 | 1958.9 | 1941.5 | 1917.8 | 1884.5 | 1867.1 | 1851.3 | 1832.3 | 1807.0 | 1783.3 |
| 7.5°   | 2074.4 | 2033.3 | 2011.1 | 1993.7 | 1947.8 | 1902.0 | 1864.0 | 1838.7 | 1805.4 | 1767.5 | 1739.0 |
| 10°    | 2175.7 | 2099.7 | 2076.0 | 2036.4 | 1971.6 | 1906.7 | 1862.4 | 1821.3 | 1775.4 | 1731.1 | 1693.1 |
| 12.5°  | 2256.4 | 2169.4 | 2125.1 | 2085.5 | 2001.6 | 1919.4 | 1845.0 | 1794.4 | 1739.0 | 1689.9 | 1640.9 |
| 15°    | 2348.2 | 2250.1 | 2172.5 | 2125.1 | 2019.0 | 1919.4 | 1835.5 | 1764.3 | 1702.6 | 1642.4 | 1599.7 |
| 17.5°  | 2392.5 | 2269.0 | 2234.2 | 2166.2 | 2012.7 | 1913.0 | 1810.2 | 1734.2 | 1659.9 | 1590.2 | 1539.6 |
| 20°    | 2462.1 | 2318.1 | 2231.1 | 2185.2 | 2049.1 | 1902.0 | 1781.7 | 1694.7 | 1617.1 | 1542.8 | 1489.0 |
| 22.5°  | 2466.8 | 2310.2 | 2253.2 | 2166.2 | 1998.5 | 1868.7 | 1756.4 | 1650.4 | 1560.2 | 1490.5 | 1435.2 |
| 25°    | 2455.8 | 2295.9 | 2216.8 | 2147.2 | 2008.0 | 1849.7 | 1705.7 | 1601.3 | 1512.7 | 1432.0 | 1367.1 |
| 27.5°  | 2451.0 | 2254.8 | 2180.4 | 2110.8 | 1954.2 | 1794.4 | 1675.7 | 1557.0 | 1455.7 | 1384.5 | 1318.1 |
| 30°    | 2444.7 | 2210.5 | 2120.3 | 2039.6 | 1895.6 | 1751.6 | 1609.2 | 1506.4 | 1409.8 | 1319.7 | 1253.2 |
| 32.5°  | 2403.5 | 2150.4 | 2058.6 | 1973.2 | 1818.1 | 1674.1 | 1561.8 | 1452.6 | 1348.1 | 1264.3 | 1204.1 |
| 35°    | 2390.9 | 2095.0 | 1974.7 | 1883.0 | 1731.1 | 1602.9 | 1484.2 | 1394.0 | 1295.9 | 1212.1 | 1140.9 |
| 37.5°  | 2354.5 | 2038.0 | 1908.3 | 1791.2 | 1633.0 | 1511.1 | 1424.1 | 1333.9 | 1239.0 | 1148.8 | 1091.8 |
| 40°    | 2291.2 | 1971.6 | 1824.4 | 1704.2 | 1541.2 | 1417.8 | 1337.1 | 1270.6 | 1177.2 | 1096.5 | 1026.9 |
| 42.5°  | 2197.8 | 1903.5 | 1745.3 | 1618.7 | 1438.3 | 1322.8 | 1256.4 | 1193.1 | 1114.0 | 1030.1 | 973.1  |
| 45°    | 2090.2 | 1813.3 | 1666.2 | 1525.4 | 1341.8 | 1229.5 | 1159.8 | 1121.9 | 1049.1 | 977.9  | 911.4  |
| 47.5°  | 1943.1 | 1720.0 | 1574.4 | 1428.8 | 1242.1 | 1132.9 | 1077.6 | 1039.6 | 989.0  | 911.4  | 857.6  |
| 50°    | 1758.0 | 1599.7 | 1462.1 | 1332.3 | 1144.0 | 1039.6 | 984.2  | 955.7  | 913.0  | 857.6  | 805.4  |
| 52.5°  | 1552.3 | 1460.5 | 1346.6 | 1226.3 | 1044.3 | 946.2  | 895.6  | 873.4  | 841.8  | 789.6  | 745.3  |
| 55°    | 1345.0 | 1305.4 | 1227.9 | 1109.2 | 939.9  | 859.2  | 814.9  | 786.4  | 762.7  | 724.7  | 686.7  |
| 57.5°  | 1159.8 | 1140.9 | 1087.1 | 995.3  | 852.9  | 769.0  | 731.0  | 712.0  | 693.1  | 664.6  | 626.6  |
| 60°    | 968.4  | 989.0  | 933.6  | 887.7  | 757.9  | 685.1  | 651.9  | 631.3  | 621.9  | 596.5  | 572.8  |
| 62.5°  | 802.2  | 821.2  | 789.6  | 754.8  | 663.0  | 598.1  | 577.5  | 558.6  | 552.2  | 530.1  | 506.3  |
| 65°    | 651.9  | 675.7  | 651.9  | 632.9  | 577.5  | 523.7  | 498.4  | 488.9  | 482.6  | 468.4  | 449.4  |
| 67.5°  | 519.0  | 542.7  | 531.7  | 507.9  | 490.5  | 446.2  | 432.0  | 422.5  | 419.3  | 408.2  | 392.4  |
| 70°    | 390.8  | 424.1  | 427.2  | 413.0  | 397.2  | 376.6  | 367.1  | 363.9  | 356.0  | 346.5  | 337.0  |
| 72.5°  | 281.7  | 319.6  | 321.2  | 321.2  | 311.7  | 311.7  | 302.2  | 297.5  | 297.5  | 288.0  | 276.9  |
| 75°    | 207.3  | 232.6  | 235.8  | 238.9  | 243.7  | 248.4  | 242.1  | 242.1  | 240.5  | 231.0  | 226.3  |
| 77.5°  | 137.7  | 159.8  | 167.7  | 178.8  | 185.1  | 185.1  | 188.3  | 191.5  | 188.3  | 183.5  | 180.4  |
| 80°    | 88.6   | 104.4  | 113.9  | 120.3  | 129.8  | 134.5  | 139.2  | 140.8  | 137.7  | 136.1  | 131.3  |
| 82.5°  | 58.5   | 63.3   | 68.0   | 76.0   | 87.0   | 94.9   | 94.9   | 93.4   | 96.5   | 94.9   | 93.4   |
| 85°    | 33.2   | 36.4   | 38.0   | 39.6   | 45.9   | 53.8   | 55.4   | 57.0   | 60.1   | 57.0   | 53.8   |
| 87.5°  | 12.7   | 14.2   | 14.2   | 14.2   | 17.4   | 19.0   | 23.7   | 30.1   | 28.5   | 25.3   | 25.3   |
| 90°    | 20.0   | 16.2   | 14.3   | 12.9   | 10.0   | 7.1    | 4.2    | 1.3    | 4.2    | 7.1    | 10.0   |
| 92.5°  | 49.5   | 47.8   | 46.9   | 46.0   | 44.3   | 42.6   | 40.8   | 39.1   | 40.8   | 42.6   | 44.3   |
| 95°    | 89.5   | 87.2   | 86.0   | 85.0   | 83.0   | 80.9   | 78.9   | 76.9   | 78.9   | 80.9   | 83.0   |
| 97.5°  | 135.5  | 133.8  | 132.9  | 132.2  | 130.7  | 129.3  | 127.8  | 126.4  | 127.8  | 129.3  | 130.7  |
| 100°   | 187.2  | 185.7  | 185.0  | 184.1  | 182.4  | 180.7  | 178.9  | 177.2  | 178.9  | 180.7  | 182.4  |
| 102.5° | 242.8  | 240.8  | 239.8  | 239.4  | 238.5  | 237.6  | 236.8  | 235.9  | 236.8  | 237.6  | 238.5  |
| 105°   | 299.7  | 297.1  | 295.8  | 295.5  | 294.9  | 294.4  | 293.8  | 293.2  | 293.8  | 294.4  | 294.9  |
| 107.5° | 364.0  | 362.9  | 362.3  | 362.2  | 361.9  | 361.6  | 361.3  | 361.0  | 361.3  | 361.6  | 361.9  |
| 110°   | 427.0  | 426.4  | 426.1  | 425.8  | 425.2  | 424.7  | 424.1  | 423.5  | 424.1  | 424.7  | 425.2  |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 490.0  | 490.0  | 490.0  | 489.9  | 489.6  | 489.3  | 489.0  | 488.7  | 489.0  | 489.3  | 489.6  |
| 115°   | 556.8  | 557.4  | 557.7  | 557.3  | 556.4  | 555.5  | 554.7  | 553.8  | 554.7  | 555.5  | 556.4  |
| 117.5° | 620.7  | 621.3  | 621.6  | 621.5  | 621.2  | 620.9  | 620.6  | 620.3  | 620.6  | 620.9  | 621.2  |
| 120°   | 687.2  | 688.7  | 689.4  | 688.5  | 686.8  | 685.0  | 683.3  | 681.5  | 683.3  | 685.0  | 686.8  |
| 122.5° | 749.7  | 750.3  | 750.6  | 750.0  | 748.9  | 747.7  | 746.6  | 745.4  | 746.6  | 747.7  | 748.9  |
| 125°   | 813.6  | 814.2  | 814.5  | 814.1  | 813.2  | 812.3  | 811.5  | 810.6  | 811.5  | 812.3  | 813.2  |
| 127.5° | 877.4  | 878.0  | 878.3  | 877.4  | 875.7  | 874.0  | 872.2  | 870.5  | 872.2  | 874.0  | 875.7  |
| 130°   | 939.6  | 940.5  | 940.9  | 939.7  | 937.4  | 935.1  | 932.7  | 930.4  | 932.7  | 935.1  | 937.4  |
| 132.5° | 999.9  | 1000.5 | 1000.8 | 999.6  | 997.3  | 995.0  | 992.7  | 990.4  | 992.7  | 995.0  | 997.3  |
| 135°   | 1059.0 | 1059.3 | 1059.5 | 1058.6 | 1056.9 | 1055.1 | 1053.4 | 1051.6 | 1053.4 | 1055.1 | 1056.9 |
| 137.5° | 1115.5 | 1114.6 | 1114.2 | 1113.5 | 1112.0 | 1110.6 | 1109.1 | 1107.7 | 1109.1 | 1110.6 | 1112.0 |
| 140°   | 1173.2 | 1172.9 | 1172.8 | 1172.1 | 1170.6 | 1169.2 | 1167.7 | 1166.3 | 1167.7 | 1169.2 | 1170.6 |
| 142.5° | 1227.2 | 1226.6 | 1226.3 | 1225.6 | 1224.1 | 1222.6 | 1221.2 | 1219.7 | 1221.2 | 1222.6 | 1224.1 |
| 145°   | 1279.7 | 1278.8 | 1278.4 | 1278.1 | 1277.5 | 1277.0 | 1276.4 | 1275.8 | 1276.4 | 1277.0 | 1277.5 |
| 147.5° | 1330.5 | 1329.6 | 1329.2 | 1328.6 | 1327.5 | 1326.3 | 1325.2 | 1324.0 | 1325.2 | 1326.3 | 1327.5 |
| 150°   | 1378.3 | 1377.7 | 1377.4 | 1377.1 | 1376.5 | 1376.0 | 1375.4 | 1374.8 | 1375.4 | 1376.0 | 1376.5 |
| 152.5° | 1420.8 | 1420.5 | 1420.4 | 1420.0 | 1419.1 | 1418.2 | 1417.4 | 1416.5 | 1417.4 | 1418.2 | 1419.1 |
| 155°   | 1461.2 | 1460.9 | 1460.8 | 1460.8 | 1460.8 | 1460.8 | 1460.8 | 1460.8 | 1460.8 | 1460.8 | 1460.8 |
| 157.5° | 1497.7 | 1497.4 | 1497.3 | 1497.4 | 1497.7 | 1498.0 | 1498.3 | 1498.6 | 1498.3 | 1498.0 | 1497.7 |
| 160°   | 1531.2 | 1531.2 | 1531.2 | 1531.5 | 1532.1 | 1532.6 | 1533.2 | 1533.8 | 1533.2 | 1532.6 | 1532.1 |
| 162.5° | 1561.6 | 1561.3 | 1561.2 | 1561.6 | 1562.5 | 1563.4 | 1564.2 | 1565.1 | 1564.2 | 1563.4 | 1562.5 |
| 165°   | 1587.2 | 1587.2 | 1587.2 | 1587.6 | 1588.5 | 1589.4 | 1590.2 | 1591.1 | 1590.2 | 1589.4 | 1588.5 |
| 167.5° | 1608.5 | 1608.2 | 1608.1 | 1608.7 | 1609.8 | 1611.0 | 1612.1 | 1613.3 | 1612.1 | 1611.0 | 1609.8 |
| 170°   | 1626.3 | 1626.3 | 1626.3 | 1626.9 | 1628.0 | 1629.2 | 1630.3 | 1631.5 | 1630.3 | 1629.2 | 1628.0 |
| 172.5° | 1640.6 | 1640.6 | 1640.6 | 1641.2 | 1642.4 | 1643.5 | 1644.7 | 1645.9 | 1644.7 | 1643.5 | 1642.4 |
| 175°   | 1649.8 | 1649.8 | 1649.8 | 1650.4 | 1651.5 | 1652.7 | 1653.8 | 1655.0 | 1653.8 | 1652.7 | 1651.5 |
| 177.5° | 1655.0 | 1655.0 | 1655.0 | 1655.6 | 1656.7 | 1657.9 | 1659.0 | 1660.2 | 1659.0 | 1657.9 | 1656.7 |
| 180°   | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 |
| 2.5°   | 1824.4 | 1816.5 | 1813.3 | 1805.4 | 1786.4 | 1773.8 | 1759.5 | 1750.0 | 1751.6 | 1743.7 | 1748.5 |
| 5°     | 1767.5 | 1765.9 | 1754.8 | 1739.0 | 1712.1 | 1697.8 | 1672.5 | 1659.9 | 1653.5 | 1655.1 | 1645.6 |
| 7.5°   | 1720.0 | 1705.7 | 1697.8 | 1672.5 | 1647.2 | 1617.1 | 1596.6 | 1585.5 | 1576.0 | 1566.5 | 1560.2 |
| 10°    | 1666.2 | 1653.5 | 1640.9 | 1614.0 | 1579.2 | 1550.7 | 1522.2 | 1511.1 | 1496.9 | 1490.5 | 1485.8 |
| 12.5°  | 1609.2 | 1601.3 | 1585.5 | 1553.8 | 1514.3 | 1487.4 | 1454.2 | 1447.8 | 1428.8 | 1416.2 | 1413.0 |
| 15°    | 1557.0 | 1552.3 | 1523.8 | 1487.4 | 1447.8 | 1420.9 | 1392.4 | 1373.5 | 1341.8 | 1348.1 | 1337.1 |
| 17.5°  | 1501.6 | 1481.1 | 1463.6 | 1414.6 | 1395.6 | 1354.5 | 1321.2 | 1311.7 | 1289.6 | 1275.4 | 1261.1 |
| 20°    | 1439.9 | 1427.3 | 1405.1 | 1373.5 | 1327.6 | 1280.1 | 1254.8 | 1239.0 | 1226.3 | 1204.1 | 1197.8 |
| 22.5°  | 1381.4 | 1365.5 | 1346.6 | 1305.4 | 1265.9 | 1226.3 | 1191.5 | 1177.2 | 1161.4 | 1145.6 | 1136.1 |
| 25°    | 1335.5 | 1311.7 | 1291.2 | 1240.5 | 1201.0 | 1167.8 | 1145.6 | 1121.9 | 1099.7 | 1090.2 | 1087.1 |
| 27.5°  | 1264.3 | 1250.0 | 1229.5 | 1182.0 | 1145.6 | 1109.2 | 1088.6 | 1072.8 | 1049.1 | 1038.0 | 1028.5 |
| 30°    | 1218.4 | 1189.9 | 1166.2 | 1128.2 | 1091.8 | 1052.2 | 1033.3 | 1014.3 | 1000.0 | 985.8  | 974.7  |
| 32.5°  | 1156.7 | 1134.5 | 1115.5 | 1077.6 | 1041.2 | 1004.8 | 984.2  | 955.7  | 947.8  | 936.7  | 924.1  |
| 35°    | 1096.5 | 1082.3 | 1061.7 | 1020.6 | 981.0  | 955.7  | 933.6  | 906.7  | 897.2  | 889.3  | 878.2  |
| 37.5°  | 1039.6 | 1019.0 | 1004.8 | 965.2  | 930.4  | 900.3  | 882.9  | 860.8  | 854.5  | 845.0  | 837.0  |
| 40°    | 990.5  | 970.0  | 955.7  | 916.2  | 879.8  | 848.1  | 837.0  | 814.9  | 805.4  | 794.3  | 789.6  |
| 42.5°  | 935.2  | 917.7  | 898.8  | 870.3  | 832.3  | 800.7  | 778.5  | 765.8  | 753.2  | 748.4  | 738.9  |
| 45°    | 876.6  | 860.8  | 846.5  | 814.9  | 775.3  | 753.2  | 734.2  | 716.8  | 707.3  | 699.4  | 693.1  |
| 47.5°  | 826.0  | 811.7  | 792.7  | 757.9  | 726.3  | 705.7  | 686.7  | 669.3  | 659.8  | 650.3  | 642.4  |
| 50°    | 767.4  | 759.5  | 738.9  | 705.7  | 675.7  | 651.9  | 634.5  | 618.7  | 612.4  | 601.3  | 588.6  |
| 52.5°  | 715.2  | 701.0  | 683.6  | 656.7  | 629.8  | 601.3  | 577.5  | 568.1  | 557.0  | 550.6  | 539.6  |
| 55°    | 653.5  | 644.0  | 625.0  | 601.3  | 572.8  | 549.1  | 531.7  | 519.0  | 504.8  | 498.4  | 484.2  |
| 57.5°  | 601.3  | 583.9  | 574.4  | 544.3  | 517.4  | 493.7  | 481.0  | 468.4  | 452.5  | 443.1  | 436.7  |
| 60°    | 544.3  | 528.5  | 514.3  | 488.9  | 469.9  | 444.6  | 425.6  | 414.6  | 403.5  | 390.8  | 384.5  |
| 62.5°  | 488.9  | 476.3  | 458.9  | 438.3  | 414.6  | 394.0  | 379.8  | 363.9  | 357.6  | 344.9  | 340.2  |
| 65°    | 428.8  | 419.3  | 405.1  | 381.3  | 362.4  | 344.9  | 330.7  | 318.0  | 311.7  | 307.0  | 303.8  |
| 67.5°  | 375.0  | 362.4  | 352.9  | 332.3  | 311.7  | 297.5  | 289.6  | 281.7  | 273.7  | 269.0  | 264.2  |
| 70°    | 319.6  | 310.1  | 300.6  | 281.7  | 267.4  | 254.8  | 248.4  | 242.1  | 237.3  | 232.6  | 227.9  |
| 72.5°  | 262.7  | 257.9  | 248.4  | 235.8  | 224.7  | 215.2  | 210.4  | 202.5  | 197.8  | 189.9  | 186.7  |
| 75°    | 216.8  | 208.9  | 204.1  | 193.0  | 183.5  | 175.6  | 169.3  | 159.8  | 153.5  | 150.3  | 148.7  |
| 77.5°  | 170.9  | 167.7  | 161.4  | 151.9  | 147.2  | 139.2  | 129.8  | 126.6  | 123.4  | 123.4  | 121.8  |
| 80°    | 128.2  | 123.4  | 118.7  | 110.8  | 106.0  | 99.7   | 99.7   | 99.7   | 98.1   | 99.7   | 98.1   |
| 82.5°  | 87.0   | 83.9   | 80.7   | 76.0   | 74.4   | 74.4   | 76.0   | 76.0   | 76.0   | 76.0   | 76.0   |
| 85°    | 50.6   | 50.6   | 50.6   | 52.2   | 50.6   | 50.6   | 52.2   | 53.8   | 52.2   | 52.2   | 50.6   |
| 87.5°  | 23.7   | 23.7   | 25.3   | 25.3   | 26.9   | 26.9   | 26.9   | 26.9   | 26.9   | 26.9   | 28.5   |
| 90°    | 12.9   | 14.3   | 16.2   | 20.0   | 23.7   | 27.5   | 31.3   | 32.5   | 33.6   | 34.8   | 35.9   |
| 92.5°  | 46.0   | 46.9   | 47.8   | 49.5   | 51.2   | 53.0   | 54.7   | 55.6   | 56.4   | 57.3   | 58.2   |
| 95°    | 85.0   | 86.0   | 87.2   | 89.5   | 91.8   | 94.1   | 96.4   | 97.6   | 98.7   | 99.9   | 101.0  |
| 97.5°  | 132.2  | 132.9  | 133.8  | 135.5  | 137.2  | 139.0  | 140.7  | 142.2  | 143.6  | 145.1  | 146.6  |
| 100°   | 184.1  | 185.0  | 185.7  | 187.2  | 188.7  | 190.1  | 191.6  | 192.5  | 193.3  | 194.2  | 195.1  |
| 102.5° | 239.4  | 239.8  | 240.8  | 242.8  | 244.9  | 246.9  | 248.9  | 249.8  | 250.6  | 251.5  | 252.4  |
| 105°   | 295.5  | 295.8  | 297.1  | 299.7  | 302.3  | 304.9  | 307.5  | 307.5  | 307.5  | 307.5  | 307.5  |
| 107.5° | 362.2  | 362.3  | 362.9  | 364.0  | 365.2  | 366.3  | 367.5  | 368.4  | 369.2  | 370.1  | 371.0  |
| 110°   | 425.8  | 426.1  | 426.4  | 427.0  | 427.5  | 428.1  | 428.7  | 429.9  | 431.0  | 432.2  | 433.3  |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 489.9  | 490.0  | 490.0  | 490.0  | 490.0  | 490.0  | 490.0  | 491.4  | 492.9  | 494.3  | 495.8  |
| 115°   | 557.3  | 557.7  | 557.4  | 556.8  | 556.3  | 555.7  | 555.1  | 555.4  | 555.7  | 556.0  | 556.3  |
| 117.5° | 621.5  | 621.6  | 621.3  | 620.7  | 620.2  | 619.6  | 619.0  | 619.0  | 619.0  | 619.0  | 619.0  |
| 120°   | 688.5  | 689.4  | 688.7  | 687.2  | 685.7  | 684.3  | 682.8  | 682.5  | 682.2  | 681.9  | 681.6  |
| 122.5° | 750.0  | 750.6  | 750.3  | 749.7  | 749.2  | 748.6  | 748.0  | 747.1  | 746.3  | 745.4  | 744.5  |
| 125°   | 814.1  | 814.5  | 814.2  | 813.6  | 813.1  | 812.5  | 811.9  | 810.7  | 809.5  | 808.4  | 807.2  |
| 127.5° | 877.4  | 878.3  | 878.0  | 877.4  | 876.9  | 876.3  | 875.7  | 874.0  | 872.2  | 870.5  | 868.8  |
| 130°   | 939.7  | 940.9  | 940.5  | 939.6  | 938.7  | 937.9  | 937.0  | 935.8  | 934.6  | 933.5  | 932.3  |
| 132.5° | 999.6  | 1000.8 | 1000.5 | 999.9  | 999.4  | 998.8  | 998.2  | 996.8  | 995.3  | 993.9  | 992.4  |
| 135°   | 1058.6 | 1059.5 | 1059.3 | 1059.0 | 1058.7 | 1058.4 | 1058.1 | 1056.9 | 1055.8 | 1054.6 | 1053.5 |
| 137.5° | 1113.5 | 1114.2 | 1114.6 | 1115.5 | 1116.4 | 1117.2 | 1118.1 | 1116.7 | 1115.2 | 1113.8 | 1112.3 |
| 140°   | 1172.1 | 1172.8 | 1172.9 | 1173.2 | 1173.5 | 1173.8 | 1174.1 | 1173.8 | 1173.5 | 1173.2 | 1172.9 |
| 142.5° | 1225.6 | 1226.3 | 1226.6 | 1227.2 | 1227.7 | 1228.3 | 1228.9 | 1228.6 | 1228.3 | 1228.0 | 1227.7 |
| 145°   | 1278.1 | 1278.4 | 1278.8 | 1279.7 | 1280.6 | 1281.4 | 1282.3 | 1282.0 | 1281.7 | 1281.4 | 1281.1 |
| 147.5° | 1328.6 | 1329.2 | 1329.6 | 1330.5 | 1331.4 | 1332.2 | 1333.1 | 1333.1 | 1333.1 | 1333.1 | 1333.1 |
| 150°   | 1377.1 | 1377.4 | 1377.7 | 1378.3 | 1378.8 | 1379.4 | 1380.0 | 1380.0 | 1380.0 | 1380.0 | 1380.0 |
| 152.5° | 1420.0 | 1420.4 | 1420.5 | 1420.8 | 1421.1 | 1421.4 | 1421.7 | 1422.3 | 1422.9 | 1423.4 | 1424.0 |
| 155°   | 1460.8 | 1460.8 | 1460.9 | 1461.2 | 1461.5 | 1461.8 | 1462.1 | 1463.3 | 1464.4 | 1465.6 | 1466.7 |
| 157.5° | 1497.4 | 1497.3 | 1497.4 | 1497.7 | 1498.0 | 1498.3 | 1498.6 | 1499.8 | 1500.9 | 1502.1 | 1503.2 |
| 160°   | 1531.5 | 1531.2 | 1531.2 | 1531.2 | 1531.2 | 1531.2 | 1531.2 | 1532.6 | 1534.1 | 1535.5 | 1537.0 |
| 162.5° | 1561.6 | 1561.2 | 1561.3 | 1561.6 | 1561.9 | 1562.2 | 1562.5 | 1563.9 | 1565.4 | 1566.8 | 1568.3 |
| 165°   | 1587.6 | 1587.2 | 1587.2 | 1587.2 | 1587.2 | 1587.2 | 1587.2 | 1588.9 | 1590.7 | 1592.4 | 1594.1 |
| 167.5° | 1608.7 | 1608.1 | 1608.2 | 1608.5 | 1608.8 | 1609.1 | 1609.4 | 1611.1 | 1612.9 | 1614.6 | 1616.3 |
| 170°   | 1626.9 | 1626.3 | 1626.3 | 1626.3 | 1626.3 | 1626.3 | 1626.3 | 1628.3 | 1630.3 | 1632.4 | 1634.4 |
| 172.5° | 1641.2 | 1640.6 | 1640.6 | 1640.6 | 1640.6 | 1640.6 | 1640.6 | 1642.4 | 1644.1 | 1645.9 | 1647.6 |
| 175°   | 1650.4 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1651.5 | 1653.3 | 1655.0 | 1656.7 |
| 177.5° | 1655.6 | 1655.0 | 1655.0 | 1655.0 | 1655.0 | 1655.0 | 1655.0 | 1656.7 | 1658.5 | 1660.2 | 1661.9 |
| 180°   | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 |
| 2.5°   | 1746.9 | 1748.5 | 1743.7 | 1734.2 | 1732.6 | 1735.8 | 1745.3 | 1742.1 | 1734.2 | 1748.5 | 1735.8 |
| 5°     | 1650.4 | 1642.4 | 1639.3 | 1642.4 | 1633.0 | 1628.2 | 1637.7 | 1633.0 | 1637.7 | 1639.3 | 1644.0 |
| 7.5°   | 1557.0 | 1558.6 | 1549.1 | 1550.7 | 1538.0 | 1541.2 | 1541.2 | 1541.2 | 1545.9 | 1549.1 | 1555.4 |
| 10°    | 1476.3 | 1479.5 | 1468.4 | 1470.0 | 1460.5 | 1454.2 | 1458.9 | 1468.4 | 1468.4 | 1468.4 | 1471.6 |
| 12.5°  | 1411.4 | 1397.2 | 1389.3 | 1387.7 | 1376.6 | 1373.5 | 1382.9 | 1386.1 | 1394.0 | 1394.0 | 1398.8 |
| 15°    | 1330.7 | 1327.6 | 1321.2 | 1321.2 | 1294.3 | 1300.7 | 1303.8 | 1314.9 | 1330.7 | 1318.1 | 1321.2 |
| 17.5°  | 1257.9 | 1250.0 | 1242.1 | 1239.0 | 1235.8 | 1226.3 | 1239.0 | 1237.4 | 1246.9 | 1248.5 | 1253.2 |
| 20°    | 1193.1 | 1186.7 | 1170.9 | 1172.5 | 1175.7 | 1161.4 | 1169.3 | 1169.3 | 1178.8 | 1188.3 | 1199.4 |
| 22.5°  | 1129.8 | 1123.4 | 1115.5 | 1118.7 | 1109.2 | 1106.0 | 1106.0 | 1114.0 | 1125.0 | 1132.9 | 1131.4 |
| 25°    | 1080.7 | 1069.6 | 1064.9 | 1060.2 | 1055.4 | 1058.6 | 1053.8 | 1061.7 | 1069.6 | 1074.4 | 1069.6 |
| 27.5°  | 1025.3 | 1020.6 | 1011.1 | 1006.4 | 998.4  | 1001.6 | 1004.8 | 1011.1 | 1015.9 | 1015.9 | 1020.6 |
| 30°    | 971.5  | 965.2  | 962.1  | 957.3  | 957.3  | 951.0  | 952.6  | 958.9  | 963.6  | 968.4  | 974.7  |
| 32.5°  | 919.3  | 914.6  | 909.8  | 909.8  | 906.7  | 905.1  | 903.5  | 913.0  | 913.0  | 922.5  | 922.5  |
| 35°    | 876.6  | 868.7  | 868.7  | 860.8  | 863.9  | 862.4  | 859.2  | 865.5  | 867.1  | 873.4  | 871.9  |
| 37.5°  | 829.1  | 829.1  | 826.0  | 818.1  | 811.7  | 813.3  | 821.2  | 821.2  | 826.0  | 824.4  | 829.1  |
| 40°    | 781.7  | 778.5  | 778.5  | 773.8  | 772.2  | 770.6  | 772.2  | 773.8  | 781.7  | 780.1  | 781.7  |
| 42.5°  | 734.2  | 735.8  | 727.9  | 727.9  | 727.9  | 723.1  | 724.7  | 726.3  | 729.5  | 732.6  | 737.4  |
| 45°    | 688.3  | 685.1  | 683.6  | 680.4  | 677.2  | 678.8  | 677.2  | 683.6  | 682.0  | 685.1  | 689.9  |
| 47.5°  | 639.3  | 634.5  | 632.9  | 626.6  | 626.6  | 629.8  | 628.2  | 632.9  | 634.5  | 639.3  | 636.1  |
| 50°    | 591.8  | 585.5  | 580.7  | 582.3  | 572.8  | 576.0  | 576.0  | 580.7  | 585.5  | 587.0  | 590.2  |
| 52.5°  | 536.4  | 534.8  | 533.2  | 525.3  | 523.7  | 522.2  | 523.7  | 525.3  | 531.7  | 536.4  | 538.0  |
| 55°    | 482.6  | 481.0  | 471.5  | 468.4  | 463.6  | 463.6  | 466.8  | 468.4  | 479.4  | 481.0  | 487.4  |
| 57.5°  | 433.6  | 428.8  | 417.7  | 416.2  | 416.2  | 416.2  | 411.4  | 417.7  | 420.9  | 428.8  | 428.8  |
| 60°    | 379.8  | 379.8  | 370.3  | 370.3  | 371.8  | 370.3  | 370.3  | 371.8  | 371.8  | 378.2  | 381.3  |
| 62.5°  | 337.0  | 335.5  | 335.5  | 332.3  | 330.7  | 332.3  | 330.7  | 330.7  | 332.3  | 337.0  | 341.8  |
| 65°    | 299.1  | 297.5  | 295.9  | 294.3  | 291.1  | 291.1  | 292.7  | 295.9  | 295.9  | 299.1  | 300.6  |
| 67.5°  | 262.7  | 262.7  | 259.5  | 259.5  | 257.9  | 256.3  | 257.9  | 256.3  | 262.7  | 262.7  | 264.2  |
| 70°    | 226.3  | 224.7  | 219.9  | 218.4  | 213.6  | 215.2  | 215.2  | 219.9  | 221.5  | 224.7  | 227.9  |
| 72.5°  | 182.0  | 182.0  | 178.8  | 175.6  | 177.2  | 174.1  | 174.1  | 175.6  | 175.6  | 180.4  | 182.0  |
| 75°    | 150.3  | 147.2  | 145.6  | 147.2  | 145.6  | 148.7  | 145.6  | 145.6  | 148.7  | 148.7  | 148.7  |
| 77.5°  | 123.4  | 123.4  | 121.8  | 121.8  | 123.4  | 121.8  | 123.4  | 123.4  | 123.4  | 121.8  | 123.4  |
| 80°    | 101.3  | 99.7   | 99.7   | 99.7   | 98.1   | 98.1   | 98.1   | 98.1   | 98.1   | 98.1   | 98.1   |
| 82.5°  | 76.0   | 76.0   | 74.4   | 76.0   | 76.0   | 74.4   | 76.0   | 74.4   | 74.4   | 76.0   | 76.0   |
| 85°    | 50.6   | 53.8   | 50.6   | 50.6   | 52.2   | 52.2   | 53.8   | 52.2   | 53.8   | 50.6   | 52.2   |
| 87.5°  | 26.9   | 28.5   | 28.5   | 26.9   | 26.9   | 28.5   | 28.5   | 28.5   | 30.1   | 26.9   | 28.5   |
| 90°    | 36.5   | 36.8   | 37.4   | 37.9   | 38.5   | 39.1   | 38.5   | 37.9   | 37.4   | 36.8   | 36.5   |
| 92.5°  | 58.6   | 58.3   | 57.7   | 57.2   | 56.6   | 56.0   | 56.6   | 57.2   | 57.7   | 58.3   | 58.6   |
| 95°    | 101.6  | 101.6  | 101.6  | 101.6  | 101.6  | 101.6  | 101.6  | 101.6  | 101.6  | 101.6  | 101.6  |
| 97.5°  | 147.3  | 147.2  | 146.9  | 146.6  | 146.3  | 146.0  | 146.3  | 146.6  | 146.9  | 147.2  | 147.3  |
| 100°   | 195.5  | 195.8  | 196.4  | 196.9  | 197.5  | 198.1  | 197.5  | 196.9  | 196.4  | 195.8  | 195.5  |
| 102.5° | 252.8  | 252.7  | 252.4  | 252.1  | 251.8  | 251.5  | 251.8  | 252.1  | 252.4  | 252.7  | 252.8  |
| 105°   | 307.5  | 307.8  | 308.4  | 308.9  | 309.5  | 310.1  | 309.5  | 308.9  | 308.4  | 307.8  | 307.5  |
| 107.5° | 371.4  | 371.3  | 371.0  | 370.7  | 370.4  | 370.1  | 370.4  | 370.7  | 371.0  | 371.3  | 371.4  |
| 110°   | 433.9  | 433.6  | 433.0  | 432.5  | 431.9  | 431.3  | 431.9  | 432.5  | 433.0  | 433.6  | 433.9  |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 496.5  | 496.5  | 496.5  | 496.5  | 496.5  | 496.5  | 496.5  | 496.5  | 496.5  | 496.5  | 496.5  |
| 115°   | 556.4  | 556.3  | 556.0  | 555.7  | 555.4  | 555.1  | 555.4  | 555.7  | 556.0  | 556.3  | 556.4  |
| 117.5° | 619.0  | 618.6  | 617.7  | 616.8  | 616.0  | 615.1  | 616.0  | 616.8  | 617.7  | 618.6  | 619.0  |
| 120°   | 681.5  | 681.2  | 680.6  | 680.1  | 679.5  | 678.9  | 679.5  | 680.1  | 680.6  | 681.2  | 681.5  |
| 122.5° | 744.1  | 743.7  | 742.8  | 741.9  | 741.1  | 740.2  | 741.1  | 741.9  | 742.8  | 743.7  | 744.1  |
| 125°   | 806.6  | 806.0  | 804.9  | 803.7  | 802.6  | 801.4  | 802.6  | 803.7  | 804.9  | 806.0  | 806.6  |
| 127.5° | 867.9  | 867.3  | 866.2  | 865.0  | 863.9  | 862.7  | 863.9  | 865.0  | 866.2  | 867.3  | 867.9  |
| 130°   | 931.7  | 930.7  | 928.7  | 926.6  | 924.6  | 922.6  | 924.6  | 926.6  | 928.7  | 930.7  | 931.7  |
| 132.5° | 991.7  | 991.0  | 989.5  | 988.1  | 986.6  | 985.2  | 986.6  | 988.1  | 989.5  | 991.0  | 991.7  |
| 135°   | 1052.9 | 1052.6 | 1052.0 | 1051.5 | 1050.9 | 1050.3 | 1050.9 | 1051.5 | 1052.0 | 1052.6 | 1052.9 |
| 137.5° | 1111.6 | 1111.2 | 1110.3 | 1109.4 | 1108.6 | 1107.7 | 1108.6 | 1109.4 | 1110.3 | 1111.2 | 1111.6 |
| 140°   | 1172.8 | 1171.8 | 1169.8 | 1167.7 | 1165.7 | 1163.7 | 1165.7 | 1167.7 | 1169.8 | 1171.8 | 1172.8 |
| 142.5° | 1227.6 | 1226.9 | 1225.4 | 1223.9 | 1222.5 | 1221.0 | 1222.5 | 1223.9 | 1225.4 | 1226.9 | 1227.6 |
| 145°   | 1281.0 | 1280.4 | 1279.3 | 1278.1 | 1277.0 | 1275.8 | 1277.0 | 1278.1 | 1279.3 | 1280.4 | 1281.0 |
| 147.5° | 1333.1 | 1332.2 | 1330.5 | 1328.8 | 1327.0 | 1325.3 | 1327.0 | 1328.8 | 1330.5 | 1332.2 | 1333.1 |
| 150°   | 1380.0 | 1379.1 | 1377.4 | 1375.7 | 1373.9 | 1372.2 | 1373.9 | 1375.7 | 1377.4 | 1379.1 | 1380.0 |
| 152.5° | 1424.3 | 1423.6 | 1422.1 | 1420.7 | 1419.2 | 1417.8 | 1419.2 | 1420.7 | 1422.1 | 1423.6 | 1424.3 |
| 155°   | 1467.3 | 1466.3 | 1464.3 | 1462.2 | 1460.2 | 1458.2 | 1460.2 | 1462.2 | 1464.3 | 1466.3 | 1467.3 |
| 157.5° | 1503.8 | 1502.9 | 1501.2 | 1499.5 | 1497.7 | 1496.0 | 1497.7 | 1499.5 | 1501.2 | 1502.9 | 1503.8 |
| 160°   | 1537.7 | 1537.1 | 1536.0 | 1534.8 | 1533.7 | 1532.5 | 1533.7 | 1534.8 | 1536.0 | 1537.1 | 1537.7 |
| 162.5° | 1569.0 | 1568.0 | 1566.0 | 1563.9 | 1561.9 | 1559.9 | 1561.9 | 1563.9 | 1566.0 | 1568.0 | 1569.0 |
| 165°   | 1595.0 | 1594.0 | 1592.0 | 1589.9 | 1587.9 | 1585.9 | 1587.9 | 1589.9 | 1592.0 | 1594.0 | 1595.0 |
| 167.5° | 1617.2 | 1616.3 | 1614.6 | 1612.9 | 1611.1 | 1609.4 | 1611.1 | 1612.9 | 1614.6 | 1616.3 | 1617.2 |
| 170°   | 1635.4 | 1634.4 | 1632.4 | 1630.3 | 1628.3 | 1626.3 | 1628.3 | 1630.3 | 1632.4 | 1634.4 | 1635.4 |
| 172.5° | 1648.5 | 1647.5 | 1645.4 | 1643.4 | 1641.3 | 1639.3 | 1641.3 | 1643.4 | 1645.4 | 1647.5 | 1648.5 |
| 175°   | 1657.6 | 1656.6 | 1654.6 | 1652.5 | 1650.5 | 1648.5 | 1650.5 | 1652.5 | 1654.6 | 1656.6 | 1657.6 |
| 177.5° | 1662.8 | 1661.8 | 1659.8 | 1657.7 | 1655.7 | 1653.7 | 1655.7 | 1657.7 | 1659.8 | 1661.8 | 1662.8 |
| 180°   | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 | 1848.2 |
| 2.5°   | 1748.5 | 1754.8 | 1748.5 | 1735.8 | 1748.5 | 1756.4 | 1764.3 | 1776.9 | 1783.3 | 1783.3 | 1792.8 |
| 5°     | 1648.8 | 1661.4 | 1656.7 | 1653.5 | 1666.2 | 1674.1 | 1686.8 | 1702.6 | 1720.0 | 1731.1 | 1743.7 |
| 7.5°   | 1560.2 | 1568.1 | 1576.0 | 1576.0 | 1588.7 | 1606.1 | 1625.0 | 1644.0 | 1666.2 | 1682.0 | 1691.5 |
| 10°    | 1482.6 | 1489.0 | 1493.7 | 1500.0 | 1519.0 | 1538.0 | 1563.3 | 1587.1 | 1606.1 | 1623.5 | 1639.3 |
| 12.5°  | 1408.3 | 1417.8 | 1428.8 | 1433.6 | 1447.8 | 1471.6 | 1495.3 | 1523.8 | 1553.8 | 1571.2 | 1587.1 |
| 15°    | 1337.1 | 1341.8 | 1354.5 | 1368.7 | 1381.4 | 1406.7 | 1436.7 | 1466.8 | 1492.1 | 1519.0 | 1533.3 |
| 17.5°  | 1264.3 | 1265.9 | 1299.1 | 1291.2 | 1332.3 | 1356.0 | 1371.9 | 1400.4 | 1441.5 | 1463.6 | 1485.8 |
| 20°    | 1193.1 | 1208.9 | 1223.1 | 1231.0 | 1253.2 | 1280.1 | 1326.0 | 1348.1 | 1381.4 | 1401.9 | 1420.9 |
| 22.5°  | 1137.7 | 1161.4 | 1161.4 | 1180.4 | 1191.5 | 1216.8 | 1250.0 | 1292.8 | 1329.2 | 1343.4 | 1370.3 |
| 25°    | 1088.6 | 1099.7 | 1118.7 | 1125.0 | 1145.6 | 1167.8 | 1189.9 | 1235.8 | 1275.4 | 1294.3 | 1313.3 |
| 27.5°  | 1025.3 | 1039.6 | 1064.9 | 1064.9 | 1091.8 | 1115.5 | 1142.4 | 1172.5 | 1212.1 | 1239.0 | 1259.5 |
| 30°    | 976.3  | 990.5  | 1001.6 | 1019.0 | 1030.1 | 1052.2 | 1099.7 | 1121.9 | 1156.7 | 1180.4 | 1205.7 |
| 32.5°  | 930.4  | 941.5  | 951.0  | 970.0  | 982.6  | 1007.9 | 1033.3 | 1072.8 | 1102.9 | 1125.0 | 1151.9 |
| 35°    | 879.8  | 890.8  | 903.5  | 917.7  | 936.7  | 960.5  | 984.2  | 1017.4 | 1047.5 | 1068.1 | 1090.2 |
| 37.5°  | 832.3  | 840.2  | 859.2  | 868.7  | 884.5  | 906.7  | 936.7  | 971.5  | 998.4  | 1014.3 | 1036.4 |
| 40°    | 786.4  | 792.7  | 807.0  | 824.4  | 835.5  | 852.9  | 884.5  | 914.6  | 947.8  | 966.8  | 984.2  |
| 42.5°  | 737.4  | 745.3  | 757.9  | 775.3  | 792.7  | 811.7  | 829.1  | 863.9  | 894.0  | 909.8  | 928.8  |
| 45°    | 694.6  | 699.4  | 708.9  | 726.3  | 743.7  | 757.9  | 784.8  | 816.5  | 845.0  | 857.6  | 878.2  |
| 47.5°  | 644.0  | 648.8  | 663.0  | 670.9  | 689.9  | 708.9  | 735.8  | 767.4  | 792.7  | 805.4  | 824.4  |
| 50°    | 591.8  | 596.5  | 606.0  | 623.4  | 636.1  | 656.7  | 680.4  | 707.3  | 738.9  | 756.3  | 767.4  |
| 52.5°  | 541.2  | 550.6  | 558.6  | 572.8  | 588.6  | 609.2  | 631.3  | 656.7  | 683.6  | 701.0  | 713.6  |
| 55°    | 490.5  | 498.4  | 507.9  | 515.8  | 534.8  | 553.8  | 579.1  | 602.9  | 626.6  | 642.4  | 656.7  |
| 57.5°  | 433.6  | 444.6  | 454.1  | 469.9  | 484.2  | 500.0  | 528.5  | 547.5  | 576.0  | 587.0  | 599.7  |
| 60°    | 384.5  | 395.6  | 403.5  | 416.2  | 428.8  | 449.4  | 468.4  | 492.1  | 515.8  | 530.1  | 545.9  |
| 62.5°  | 343.4  | 348.1  | 352.9  | 365.5  | 378.2  | 397.2  | 416.2  | 439.9  | 465.2  | 473.1  | 485.8  |
| 65°    | 302.2  | 307.0  | 314.9  | 326.0  | 335.5  | 346.5  | 367.1  | 386.1  | 409.8  | 422.5  | 427.2  |
| 67.5°  | 267.4  | 272.2  | 273.7  | 281.7  | 289.6  | 302.2  | 313.3  | 332.3  | 354.4  | 362.4  | 371.8  |
| 70°    | 227.9  | 235.8  | 237.3  | 243.7  | 246.8  | 254.8  | 267.4  | 281.7  | 299.1  | 313.3  | 321.2  |
| 72.5°  | 182.0  | 193.0  | 196.2  | 205.7  | 210.4  | 218.4  | 227.9  | 238.9  | 250.0  | 256.3  | 262.7  |
| 75°    | 148.7  | 151.9  | 153.5  | 161.4  | 169.3  | 180.4  | 185.1  | 191.5  | 201.0  | 208.9  | 215.2  |
| 77.5°  | 123.4  | 125.0  | 126.6  | 126.6  | 128.2  | 134.5  | 144.0  | 151.9  | 158.2  | 161.4  | 166.1  |
| 80°    | 99.7   | 98.1   | 98.1   | 99.7   | 99.7   | 99.7   | 102.9  | 113.9  | 117.1  | 125.0  | 123.4  |
| 82.5°  | 77.5   | 74.4   | 76.0   | 74.4   | 74.4   | 74.4   | 74.4   | 76.0   | 76.0   | 80.7   | 83.9   |
| 85°    | 50.6   | 52.2   | 50.6   | 50.6   | 49.1   | 50.6   | 49.1   | 49.1   | 47.5   | 47.5   | 45.9   |
| 87.5°  | 26.9   | 28.5   | 26.9   | 26.9   | 25.3   | 26.9   | 25.3   | 25.3   | 23.7   | 23.7   | 20.6   |
| 90°    | 35.9   | 34.8   | 33.6   | 32.5   | 31.3   | 27.5   | 23.7   | 20.0   | 16.2   | 14.3   | 12.9   |
| 92.5°  | 58.2   | 57.3   | 56.4   | 55.6   | 54.7   | 53.0   | 51.2   | 49.5   | 47.8   | 46.9   | 46.0   |
| 95°    | 101.0  | 99.9   | 98.7   | 97.6   | 96.4   | 94.1   | 91.8   | 89.5   | 87.2   | 86.0   | 85.0   |
| 97.5°  | 146.6  | 145.1  | 143.6  | 142.2  | 140.7  | 139.0  | 137.2  | 135.5  | 133.8  | 132.9  | 132.2  |
| 100°   | 195.1  | 194.2  | 193.3  | 192.5  | 191.6  | 190.1  | 188.7  | 187.2  | 185.7  | 185.0  | 184.1  |
| 102.5° | 252.4  | 251.5  | 250.6  | 249.8  | 248.9  | 246.9  | 244.9  | 242.8  | 240.8  | 239.8  | 239.4  |
| 105°   | 307.5  | 307.5  | 307.5  | 307.5  | 307.5  | 304.9  | 302.3  | 299.7  | 297.1  | 295.8  | 295.5  |
| 107.5° | 371.0  | 370.1  | 369.2  | 368.4  | 367.5  | 366.3  | 365.2  | 364.0  | 362.9  | 362.3  | 362.2  |
| 110°   | 433.3  | 432.2  | 431.0  | 429.9  | 428.7  | 428.1  | 427.5  | 427.0  | 426.4  | 426.1  | 425.8  |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 495.8  | 494.3  | 492.9  | 491.4  | 490.0  | 490.0  | 490.0  | 490.0  | 490.0  | 490.0  | 489.9  |
| 115°   | 556.3  | 556.0  | 555.7  | 555.4  | 555.1  | 555.7  | 556.3  | 556.8  | 557.4  | 557.7  | 557.3  |
| 117.5° | 619.0  | 619.0  | 619.0  | 619.0  | 619.0  | 619.6  | 620.2  | 620.7  | 621.3  | 621.6  | 621.5  |
| 120°   | 681.6  | 681.9  | 682.2  | 682.5  | 682.8  | 684.3  | 685.7  | 687.2  | 688.7  | 689.4  | 688.5  |
| 122.5° | 744.5  | 745.4  | 746.3  | 747.1  | 748.0  | 748.6  | 749.2  | 749.7  | 750.3  | 750.6  | 750.0  |
| 125°   | 807.2  | 808.4  | 809.5  | 810.7  | 811.9  | 812.5  | 813.1  | 813.6  | 814.2  | 814.5  | 814.1  |
| 127.5° | 868.8  | 870.5  | 872.2  | 874.0  | 875.7  | 876.3  | 876.9  | 877.4  | 878.0  | 878.3  | 877.4  |
| 130°   | 932.3  | 933.5  | 934.6  | 935.8  | 937.0  | 937.9  | 938.7  | 939.6  | 940.5  | 940.9  | 939.7  |
| 132.5° | 992.4  | 993.9  | 995.3  | 996.8  | 998.2  | 998.8  | 999.4  | 999.9  | 1000.5 | 1000.8 | 999.6  |
| 135°   | 1053.5 | 1054.6 | 1055.8 | 1056.9 | 1058.1 | 1058.4 | 1058.7 | 1059.0 | 1059.3 | 1059.5 | 1058.6 |
| 137.5° | 1112.3 | 1113.8 | 1115.2 | 1116.7 | 1118.1 | 1117.2 | 1116.4 | 1115.5 | 1114.6 | 1114.2 | 1113.5 |
| 140°   | 1172.9 | 1173.2 | 1173.5 | 1173.8 | 1174.1 | 1173.8 | 1173.5 | 1173.2 | 1172.9 | 1172.8 | 1172.1 |
| 142.5° | 1227.7 | 1228.0 | 1228.3 | 1228.6 | 1228.9 | 1228.3 | 1227.7 | 1227.2 | 1226.6 | 1226.3 | 1225.6 |
| 145°   | 1281.1 | 1281.4 | 1281.7 | 1282.0 | 1282.3 | 1281.4 | 1280.6 | 1279.7 | 1278.8 | 1278.4 | 1278.1 |
| 147.5° | 1333.1 | 1333.1 | 1333.1 | 1333.1 | 1333.1 | 1332.2 | 1331.4 | 1330.5 | 1329.6 | 1329.2 | 1328.6 |
| 150°   | 1380.0 | 1380.0 | 1380.0 | 1380.0 | 1380.0 | 1379.4 | 1378.8 | 1378.3 | 1377.7 | 1377.4 | 1377.1 |
| 152.5° | 1424.0 | 1423.4 | 1422.9 | 1422.3 | 1421.7 | 1421.4 | 1421.1 | 1420.8 | 1420.5 | 1420.4 | 1420.0 |
| 155°   | 1466.7 | 1465.6 | 1464.4 | 1463.3 | 1462.1 | 1461.8 | 1461.5 | 1461.2 | 1460.9 | 1460.8 | 1460.8 |
| 157.5° | 1503.2 | 1502.1 | 1500.9 | 1499.8 | 1498.6 | 1498.3 | 1498.0 | 1497.7 | 1497.4 | 1497.3 | 1497.4 |
| 160°   | 1537.0 | 1535.5 | 1534.1 | 1532.6 | 1531.2 | 1531.2 | 1531.2 | 1531.2 | 1531.2 | 1531.2 | 1531.5 |
| 162.5° | 1568.3 | 1566.8 | 1565.4 | 1563.9 | 1562.5 | 1562.2 | 1561.9 | 1561.6 | 1561.3 | 1561.2 | 1561.6 |
| 165°   | 1594.1 | 1592.4 | 1590.7 | 1588.9 | 1587.2 | 1587.2 | 1587.2 | 1587.2 | 1587.2 | 1587.2 | 1587.6 |
| 167.5° | 1616.3 | 1614.6 | 1612.9 | 1611.1 | 1609.4 | 1609.1 | 1608.8 | 1608.5 | 1608.2 | 1608.1 | 1608.7 |
| 170°   | 1634.4 | 1632.4 | 1630.3 | 1628.3 | 1626.3 | 1626.3 | 1626.3 | 1626.3 | 1626.3 | 1626.3 | 1626.9 |
| 172.5° | 1647.6 | 1645.9 | 1644.1 | 1642.4 | 1640.6 | 1640.6 | 1640.6 | 1640.6 | 1640.6 | 1640.6 | 1641.2 |
| 175°   | 1656.7 | 1655.0 | 1653.3 | 1651.5 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1649.8 | 1650.4 |
| 177.5° | 1661.9 | 1660.2 | 1658.5 | 1656.7 | 1655.0 | 1655.0 | 1655.0 | 1655.0 | 1655.0 | 1655.0 | 1655.6 |
| 180°   | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 | 1658.9 |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1848.2 | 1848.2 | 1848.2 | 1848.2 |
| 2.5°   | 1800.7 | 1811.8 | 1833.9 | 1852.9 |
| 5°     | 1762.7 | 1780.1 | 1813.3 | 1846.6 |
| 7.5°   | 1716.8 | 1743.7 | 1786.4 | 1832.3 |
| 10°    | 1672.5 | 1707.3 | 1759.5 | 1813.3 |
| 12.5°  | 1628.2 | 1664.6 | 1720.0 | 1789.6 |
| 15°    | 1576.0 | 1614.0 | 1680.4 | 1764.3 |
| 17.5°  | 1530.1 | 1580.7 | 1640.9 | 1724.7 |
| 20°    | 1481.1 | 1519.0 | 1596.6 | 1685.2 |
| 22.5°  | 1419.3 | 1482.6 | 1555.4 | 1648.8 |
| 25°    | 1370.3 | 1425.7 | 1498.5 | 1604.5 |
| 27.5°  | 1310.2 | 1375.0 | 1463.6 | 1557.0 |
| 30°    | 1261.1 | 1314.9 | 1397.2 | 1509.5 |
| 32.5°  | 1204.1 | 1267.4 | 1352.9 | 1463.6 |
| 35°    | 1153.5 | 1207.3 | 1288.0 | 1400.4 |
| 37.5°  | 1093.4 | 1151.9 | 1242.1 | 1341.8 |
| 40°    | 1041.2 | 1098.1 | 1183.6 | 1276.9 |
| 42.5°  | 977.9  | 1038.0 | 1123.4 | 1202.6 |
| 45°    | 927.2  | 982.6  | 1050.7 | 1123.4 |
| 47.5°  | 865.5  | 924.1  | 990.5  | 1041.2 |
| 50°    | 810.1  | 863.9  | 916.2  | 958.9  |
| 52.5°  | 750.0  | 799.1  | 846.5  | 878.2  |
| 55°    | 694.6  | 732.6  | 770.6  | 792.7  |
| 57.5°  | 629.8  | 666.2  | 697.8  | 710.5  |
| 60°    | 572.8  | 602.9  | 623.4  | 637.7  |
| 62.5°  | 512.7  | 534.8  | 550.6  | 558.6  |
| 65°    | 454.1  | 469.9  | 477.9  | 485.8  |
| 67.5°  | 394.0  | 408.2  | 413.0  | 422.5  |
| 70°    | 330.7  | 346.5  | 349.7  | 354.4  |
| 72.5°  | 283.2  | 283.2  | 289.6  | 295.9  |
| 75°    | 226.3  | 229.4  | 232.6  | 232.6  |
| 77.5°  | 177.2  | 177.2  | 180.4  | 182.0  |
| 80°    | 129.8  | 131.3  | 131.3  | 129.8  |
| 82.5°  | 88.6   | 91.8   | 88.6   | 87.0   |
| 85°    | 49.1   | 55.4   | 52.2   | 52.2   |
| 87.5°  | 20.6   | 20.6   | 23.7   | 20.6   |
| 90°    | 10.0   | 7.1    | 4.2    | 1.3    |
| 92.5°  | 44.3   | 42.6   | 40.8   | 39.1   |
| 95°    | 83.0   | 80.9   | 78.9   | 76.9   |
| 97.5°  | 130.7  | 129.3  | 127.8  | 126.4  |
| 100°   | 182.4  | 180.7  | 178.9  | 177.2  |
| 102.5° | 238.5  | 237.6  | 236.8  | 235.9  |
| 105°   | 294.9  | 294.4  | 293.8  | 293.2  |
| 107.5° | 361.9  | 361.6  | 361.3  | 361.0  |
| 110°   | 425.2  | 424.7  | 424.1  | 423.5  |

TEST NUMBER: P1032107

CATALOG NUMBER: S123RDIW-B1165D1320UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 489.6  | 489.3  | 489.0  | 488.7  |
| 115°   | 556.4  | 555.5  | 554.7  | 553.8  |
| 117.5° | 621.2  | 620.9  | 620.6  | 620.3  |
| 120°   | 686.8  | 685.0  | 683.3  | 681.5  |
| 122.5° | 748.9  | 747.7  | 746.6  | 745.4  |
| 125°   | 813.2  | 812.3  | 811.5  | 810.6  |
| 127.5° | 875.7  | 874.0  | 872.2  | 870.5  |
| 130°   | 937.4  | 935.1  | 932.7  | 930.4  |
| 132.5° | 997.3  | 995.0  | 992.7  | 990.4  |
| 135°   | 1056.9 | 1055.1 | 1053.4 | 1051.6 |
| 137.5° | 1112.0 | 1110.6 | 1109.1 | 1107.7 |
| 140°   | 1170.6 | 1169.2 | 1167.7 | 1166.3 |
| 142.5° | 1224.1 | 1222.6 | 1221.2 | 1219.7 |
| 145°   | 1277.5 | 1277.0 | 1276.4 | 1275.8 |
| 147.5° | 1327.5 | 1326.3 | 1325.2 | 1324.0 |
| 150°   | 1376.5 | 1376.0 | 1375.4 | 1374.8 |
| 152.5° | 1419.1 | 1418.2 | 1417.4 | 1416.5 |
| 155°   | 1460.8 | 1460.8 | 1460.8 | 1460.8 |
| 157.5° | 1497.7 | 1498.0 | 1498.3 | 1498.6 |
| 160°   | 1532.1 | 1532.6 | 1533.2 | 1533.8 |
| 162.5° | 1562.5 | 1563.4 | 1564.2 | 1565.1 |
| 165°   | 1588.5 | 1589.4 | 1590.2 | 1591.1 |
| 167.5° | 1609.8 | 1611.0 | 1612.1 | 1613.3 |
| 170°   | 1628.0 | 1629.2 | 1630.3 | 1631.5 |
| 172.5° | 1642.4 | 1643.5 | 1644.7 | 1645.9 |
| 175°   | 1651.5 | 1652.7 | 1653.8 | 1655.0 |
| 177.5° | 1656.7 | 1657.9 | 1659.0 | 1660.2 |
| 180°   | 1658.9 | 1658.9 | 1658.9 | 1658.9 |

(END OF REPORT)