

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: P1025029

Luminaire Tested: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1025029  
REPORT IS A COMBINATION OF REPORTS P995419 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124DIP-B1195D1035UB27-4F0-XX-W2A-A  
Description: Define 4 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

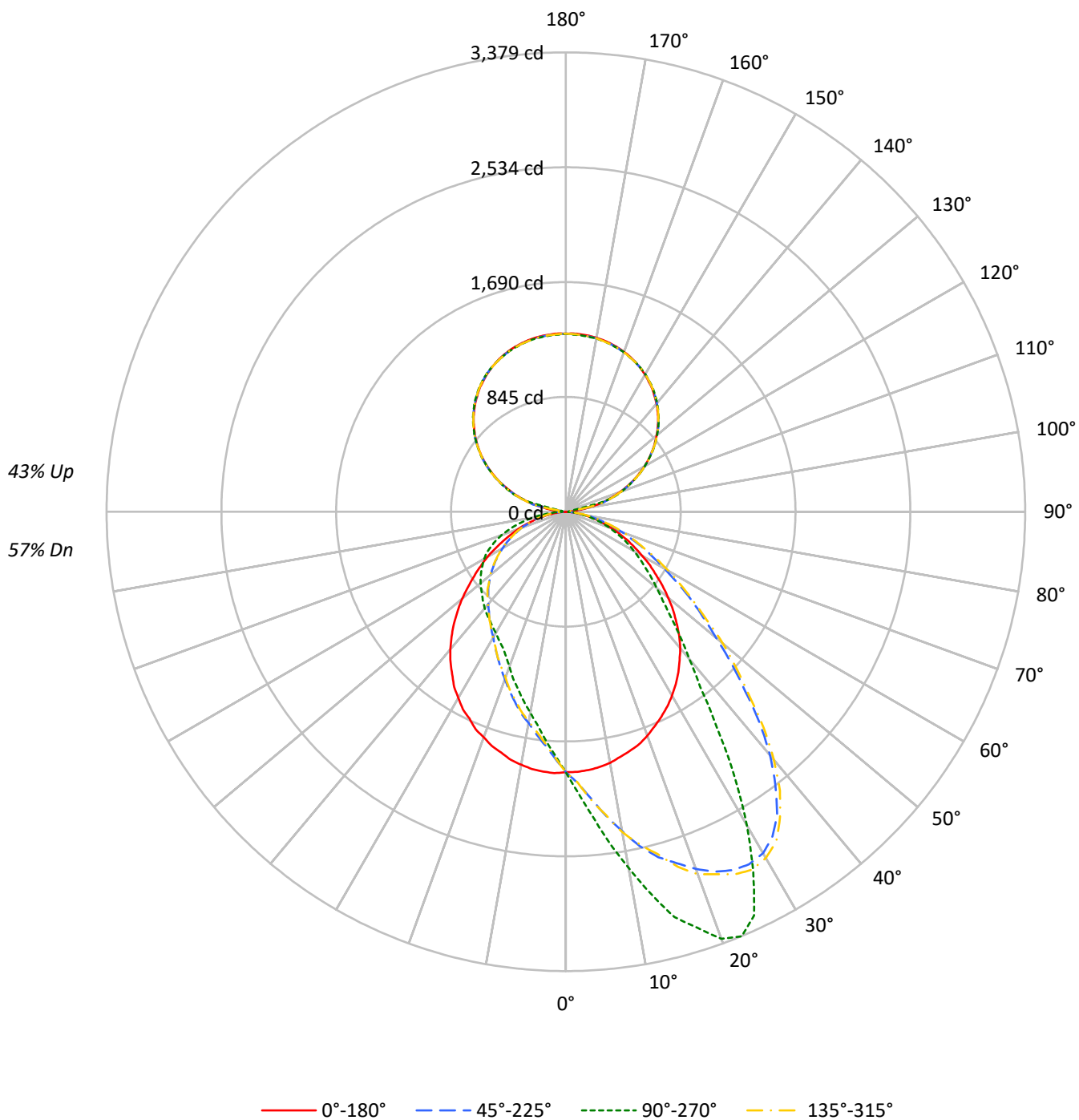
Lumens per Lamp: N/A  
Luminaire Lumens: 9340.0 lumens  
Efficiency: N/A  
Efficacy: 104.0 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 89.8  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1025029

CATALOG NUMBER: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1025029

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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   | 109 | 109 | 109 | 109 | 101 | 101 | 101 | 101 | 87 | 87 | 87 | 74 | 74 | 74 | 62 | 62 | 62 |
| 1   | 100 | 95  | 91  | 88  | 92  | 89  | 85  | 82  | 77 | 74 | 72 | 66 | 64 | 62 | 55 | 54 | 53 |
| 2   | 91  | 83  | 77  | 72  | 84  | 78  | 73  | 68  | 68 | 64 | 60 | 58 | 55 | 52 | 49 | 47 | 45 |
| 3   | 83  | 74  | 66  | 61  | 77  | 69  | 62  | 57  | 60 | 55 | 51 | 51 | 48 | 45 | 44 | 41 | 39 |
| 4   | 76  | 65  | 57  | 51  | 71  | 61  | 54  | 49  | 53 | 48 | 44 | 46 | 42 | 38 | 39 | 36 | 34 |
| 5   | 70  | 58  | 50  | 44  | 65  | 55  | 48  | 42  | 48 | 42 | 38 | 41 | 37 | 34 | 35 | 32 | 29 |
| 6   | 65  | 52  | 44  | 39  | 60  | 49  | 42  | 37  | 43 | 37 | 33 | 38 | 33 | 29 | 32 | 29 | 26 |
| 7   | 60  | 47  | 40  | 34  | 56  | 45  | 37  | 32  | 39 | 33 | 29 | 34 | 30 | 26 | 29 | 26 | 23 |
| 8   | 56  | 43  | 35  | 30  | 52  | 41  | 34  | 29  | 36 | 30 | 26 | 31 | 27 | 23 | 27 | 24 | 21 |
| 9   | 52  | 39  | 32  | 27  | 48  | 37  | 30  | 26  | 33 | 27 | 23 | 29 | 24 | 21 | 25 | 21 | 19 |
| 10  | 48  | 36  | 29  | 24  | 45  | 34  | 28  | 23  | 30 | 25 | 21 | 27 | 22 | 19 | 23 | 20 | 17 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15615 | 15615 | 15615 | 15615 |
| 5°  | 15576 | 17914 | 15667 | 13460 |
| 10° | 15459 | 20900 | 15577 | 11809 |
| 15° | 15273 | 24094 | 15380 | 10567 |
| 20° | 15076 | 26126 | 15185 | 9474  |
| 25° | 14787 | 25827 | 14928 | 8667  |
| 30° | 14505 | 21347 | 14681 | 8251  |
| 35° | 14109 | 15908 | 14264 | 8000  |
| 40° | 13647 | 11984 | 13778 | 7877  |
| 45° | 12941 | 9618  | 13102 | 7709  |
| 50° | 12097 | 8103  | 12274 | 7630  |
| 55° | 11106 | 7052  | 11281 | 7540  |
| 60° | 10144 | 6211  | 10441 | 7415  |
| 65° | 9239  | 5343  | 9327  | 7106  |
| 70° | 8177  | 4396  | 8353  | 6543  |
| 75° | 7132  | 3378  | 7086  | 5559  |
| 80° | 5610  | 2220  | 5548  | 4220  |
| 85° | 3697  | 998   | 3464  | 2461  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 20191 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 186.4  | 2.0       |
| 10°-20°   | 575.2  | 6.2       |
| 20°-30°   | 913.8  | 9.8       |
| 30°-40°   | 1015.4 | 10.9      |
| 40°-50°   | 923.4  | 9.9       |
| 50°-60°   | 754.6  | 8.1       |
| 60°-70°   | 538.6  | 5.8       |
| 70°-80°   | 296.4  | 3.2       |
| 80°-90°   | 82.8   | 0.9       |
| 90°-100°  | 43.5   | 0.5       |
| 100°-110° | 286.4  | 3.1       |
| 110°-120° | 546.8  | 5.9       |
| 120°-130° | 694.2  | 7.4       |
| 130°-140° | 742.6  | 8.0       |
| 140°-150° | 694.4  | 7.4       |
| 150°-160° | 560.0  | 6.0       |
| 160°-170° | 361.1  | 3.9       |
| 170°-180° | 124.5  | 1.3       |
| 0°-30°    | 1675.4 | 17.9      |
| 0°-40°    | 2690.8 | 28.8      |
| 0°-60°    | 4368.8 | 46.8      |
| 0°-90°    | 5286.7 | 56.6      |
| 90°-120°  | 876.6  | 9.4       |
| 90°-150°  | 3007.7 | 32.2      |
| 90°-180°  | 4053.0 | 43.4      |
| 0°-180°   | 9340.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1915 | 1915 | 1915 | 1915 | 1915 |      |
| 5°   | 1907 | 2246 | 1918 | 1688 | 1907 | 181  |
| 15°  | 1821 | 3086 | 1834 | 1353 | 1821 | 514  |
| 25°  | 1663 | 3276 | 1678 | 1099 | 1663 | 766  |
| 35°  | 1442 | 1937 | 1458 | 974  | 1442 | 901  |
| 45°  | 1150 | 1087 | 1164 | 871  | 1150 | 887  |
| 55°  | 809  | 711  | 822  | 760  | 809  | 728  |
| 65°  | 504  | 457  | 509  | 608  | 504  | 498  |
| 75°  | 248  | 228  | 246  | 376  | 248  | 260  |
| 85°  | 51   | 48   | 48   | 117  | 51   | 59   |
| 90°  | 3    | 29   | 3    | 29   | 3    | 6    |
| 95°  | 54   | 28   | 54   | 28   | 54   | 66   |
| 105° | 295  | 279  | 295  | 279  | 295  | 309  |
| 115° | 551  | 554  | 551  | 554  | 551  | 542  |
| 125° | 774  | 780  | 774  | 780  | 774  | 691  |
| 135° | 960  | 967  | 960  | 967  | 960  | 740  |
| 145° | 1107 | 1113 | 1107 | 1113 | 1107 | 692  |
| 155° | 1214 | 1213 | 1214 | 1213 | 1214 | 560  |
| 165° | 1280 | 1275 | 1280 | 1275 | 1280 | 362  |
| 175° | 1310 | 1302 | 1310 | 1302 | 1310 | 125  |
| 180° | 1310 | 1310 | 1310 | 1310 | 1310 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 1914.9 | 1933.9 | 1941.9 | 1948.2 | 1968.8 | 1975.2 | 1976.8 | 1986.3 | 1994.2 | 1995.8 | 1995.8 |
| 5°     | 1907.0 | 1937.1 | 1960.9 | 1983.1 | 2016.4 | 2030.7 | 2048.2 | 2067.2 | 2092.6 | 2108.4 | 2116.4 |
| 7.5°   | 1894.3 | 1938.7 | 1975.2 | 2013.3 | 2059.3 | 2087.8 | 2103.7 | 2154.4 | 2189.4 | 2217.9 | 2252.8 |
| 10°    | 1875.2 | 1932.3 | 1984.7 | 2040.2 | 2105.3 | 2140.2 | 2175.1 | 2236.9 | 2286.1 | 2341.7 | 2386.1 |
| 12.5°  | 1846.7 | 1921.2 | 1984.7 | 2062.4 | 2143.3 | 2184.6 | 2225.8 | 2333.7 | 2390.8 | 2440.0 | 2519.3 |
| 15°    | 1821.3 | 1895.9 | 1986.3 | 2065.6 | 2165.6 | 2227.4 | 2287.7 | 2357.5 | 2447.9 | 2554.2 | 2630.4 |
| 17.5°  | 1792.7 | 1886.3 | 1970.4 | 2081.5 | 2192.5 | 2251.2 | 2300.4 | 2408.3 | 2535.2 | 2639.9 | 2709.7 |
| 20°    | 1753.1 | 1848.3 | 1959.3 | 2076.7 | 2208.4 | 2254.4 | 2319.4 | 2463.8 | 2578.0 | 2681.2 | 2795.4 |
| 22.5°  | 1707.1 | 1818.1 | 1935.5 | 2048.2 | 2184.6 | 2281.4 | 2352.8 | 2479.7 | 2617.7 | 2736.7 | 2865.2 |
| 25°    | 1662.6 | 1783.2 | 1886.3 | 2040.2 | 2184.6 | 2249.6 | 2330.5 | 2481.3 | 2632.0 | 2776.4 | 2908.0 |
| 27.5°  | 1615.0 | 1727.7 | 1867.3 | 1989.5 | 2152.9 | 2224.3 | 2311.5 | 2476.5 | 2636.7 | 2781.1 | 2922.3 |
| 30°    | 1562.7 | 1683.3 | 1799.1 | 1943.4 | 2102.1 | 2194.1 | 2275.0 | 2454.3 | 2617.7 | 2768.4 | 2900.1 |
| 32.5°  | 1504.0 | 1618.2 | 1742.0 | 1878.4 | 2045.0 | 2138.6 | 2240.1 | 2424.2 | 2598.7 | 2728.8 | 2830.3 |
| 35°    | 1442.1 | 1557.9 | 1665.8 | 1805.4 | 1976.8 | 2070.4 | 2168.7 | 2371.8 | 2544.7 | 2651.0 | 2709.7 |
| 37.5°  | 1373.9 | 1483.4 | 1589.7 | 1727.7 | 1899.0 | 1999.0 | 2098.9 | 2295.6 | 2459.1 | 2547.9 | 2532.0 |
| 40°    | 1308.9 | 1407.2 | 1505.6 | 1635.7 | 1814.9 | 1921.2 | 2008.5 | 2206.8 | 2349.6 | 2387.7 | 2335.3 |
| 42.5°  | 1234.3 | 1318.4 | 1413.6 | 1546.8 | 1721.3 | 1821.3 | 1930.8 | 2111.6 | 2217.9 | 2202.0 | 2113.2 |
| 45°    | 1150.2 | 1224.8 | 1320.0 | 1445.3 | 1623.0 | 1726.1 | 1818.1 | 1989.5 | 2067.2 | 2027.5 | 1865.7 |
| 47.5°  | 1069.3 | 1142.3 | 1220.0 | 1345.3 | 1518.3 | 1605.5 | 1699.1 | 1853.0 | 1897.4 | 1813.4 | 1651.5 |
| 50°    | 982.0  | 1042.3 | 1123.2 | 1242.2 | 1404.0 | 1496.1 | 1573.8 | 1697.5 | 1713.4 | 1610.3 | 1442.1 |
| 52.5°  | 898.0  | 948.7  | 1026.5 | 1143.9 | 1294.6 | 1367.6 | 1443.7 | 1553.2 | 1540.5 | 1434.2 | 1272.4 |
| 55°    | 809.1  | 856.7  | 928.1  | 1036.0 | 1169.2 | 1239.0 | 1304.1 | 1400.9 | 1373.9 | 1264.4 | 1123.2 |
| 57.5°  | 734.5  | 767.9  | 837.7  | 937.6  | 1047.1 | 1123.2 | 1178.8 | 1254.9 | 1213.7 | 1104.2 | 972.5  |
| 60°    | 648.9  | 690.1  | 748.8  | 829.7  | 937.6  | 988.4  | 1037.6 | 1088.3 | 1059.8 | 955.1  | 837.7  |
| 62.5°  | 571.1  | 602.9  | 653.6  | 731.4  | 815.5  | 861.5  | 913.8  | 945.5  | 917.0  | 820.2  | 721.9  |
| 65°    | 504.5  | 529.9  | 569.5  | 633.0  | 713.9  | 752.0  | 782.1  | 812.3  | 788.5  | 698.1  | 626.7  |
| 67.5°  | 431.5  | 453.7  | 487.1  | 537.8  | 606.0  | 633.0  | 661.6  | 682.2  | 655.2  | 594.9  | 525.1  |
| 70°    | 366.5  | 382.3  | 414.1  | 452.1  | 499.7  | 525.1  | 548.9  | 569.5  | 545.8  | 495.0  | 442.6  |
| 72.5°  | 299.8  | 312.5  | 341.1  | 368.1  | 410.9  | 428.4  | 445.8  | 461.7  | 453.7  | 406.1  | 363.3  |
| 75°    | 247.5  | 252.3  | 271.3  | 293.5  | 320.5  | 339.5  | 352.2  | 361.7  | 355.4  | 317.3  | 290.3  |
| 77.5°  | 187.2  | 193.6  | 207.8  | 225.3  | 249.1  | 260.2  | 268.1  | 277.6  | 269.7  | 239.6  | 220.5  |
| 80°    | 136.4  | 138.0  | 146.0  | 161.8  | 177.7  | 179.3  | 187.2  | 199.9  | 195.1  | 174.5  | 160.2  |
| 82.5°  | 87.3   | 92.0   | 95.2   | 104.7  | 115.8  | 119.0  | 123.7  | 126.9  | 125.3  | 112.6  | 107.9  |
| 85°    | 50.8   | 50.8   | 53.9   | 60.3   | 63.5   | 68.2   | 69.8   | 71.4   | 74.6   | 66.6   | 61.9   |
| 87.5°  | 22.2   | 23.8   | 23.8   | 25.4   | 28.6   | 28.6   | 30.1   | 31.7   | 33.3   | 31.7   | 27.0   |
| 90°    | 2.9    | 5.3    | 7.7    | 10.1   | 12.5   | 13.7   | 14.6   | 16.3   | 18.1   | 19.8   | 21.6   |
| 92.5°  | 14.7   | 14.3   | 13.8   | 13.4   | 12.9   | 12.7   | 13.6   | 15.3   | 17.1   | 18.8   | 20.6   |
| 95°    | 53.9   | 46.5   | 39.1   | 31.7   | 24.3   | 20.6   | 20.7   | 20.9   | 21.2   | 21.4   | 21.6   |
| 97.5°  | 102.9  | 107.7  | 112.5  | 117.2  | 122.0  | 124.4  | 113.0  | 90.1   | 67.3   | 44.4   | 21.6   |
| 100°   | 160.7  | 164.6  | 168.5  | 172.4  | 176.3  | 178.3  | 163.3  | 133.2  | 103.2  | 73.1   | 43.1   |
| 102.5° | 225.3  | 227.9  | 230.5  | 233.2  | 235.8  | 237.1  | 238.4  | 241.0  | 243.7  | 246.3  | 248.9  |
| 105°   | 294.9  | 296.2  | 297.5  | 298.8  | 300.1  | 300.8  | 301.3  | 302.4  | 303.5  | 304.6  | 305.7  |
| 107.5° | 358.6  | 359.2  | 359.9  | 360.5  | 361.2  | 361.5  | 362.3  | 363.8  | 365.3  | 366.9  | 368.4  |
| 110°   | 423.2  | 423.9  | 424.5  | 425.2  | 425.9  | 426.2  | 426.9  | 428.2  | 429.5  | 430.8  | 432.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 485.9  | 487.2  | 488.5  | 489.8  | 491.1  | 491.8  | 492.0  | 492.5  | 492.9  | 493.4  | 493.8  |
| 115°   | 550.6  | 551.2  | 551.9  | 552.5  | 553.2  | 553.5  | 553.4  | 553.2  | 553.0  | 552.8  | 552.6  |
| 117.5° | 608.4  | 609.3  | 610.1  | 611.0  | 611.9  | 612.3  | 612.6  | 613.3  | 614.0  | 614.6  | 615.3  |
| 120°   | 667.2  | 668.1  | 668.9  | 669.8  | 670.7  | 671.1  | 671.0  | 670.8  | 670.5  | 670.3  | 670.1  |
| 122.5° | 722.1  | 722.5  | 722.9  | 723.4  | 723.8  | 724.0  | 724.2  | 724.7  | 725.1  | 725.6  | 726.0  |
| 125°   | 774.0  | 774.9  | 775.7  | 776.6  | 777.5  | 777.9  | 777.7  | 777.2  | 776.8  | 776.3  | 775.9  |
| 127.5° | 824.0  | 824.2  | 824.4  | 824.6  | 824.8  | 824.9  | 825.4  | 826.5  | 827.6  | 828.7  | 829.8  |
| 130°   | 872.0  | 872.2  | 872.4  | 872.6  | 872.8  | 872.9  | 873.2  | 873.9  | 874.6  | 875.2  | 875.9  |
| 132.5° | 916.0  | 916.4  | 916.9  | 917.3  | 917.8  | 918.0  | 918.4  | 919.3  | 920.2  | 921.0  | 921.9  |
| 135°   | 960.1  | 959.9  | 959.7  | 959.5  | 959.3  | 959.2  | 959.6  | 960.5  | 961.4  | 962.2  | 963.1  |
| 137.5° | 999.3  | 999.3  | 999.3  | 999.3  | 999.3  | 999.3  | 999.8  | 1000.9 | 1002.0 | 1003.1 | 1004.2 |
| 140°   | 1037.5 | 1037.9 | 1038.4 | 1038.8 | 1039.3 | 1039.5 | 1039.7 | 1040.2 | 1040.6 | 1041.1 | 1041.5 |
| 142.5° | 1071.8 | 1072.7 | 1073.5 | 1074.4 | 1075.3 | 1075.7 | 1075.8 | 1076.0 | 1076.3 | 1076.5 | 1076.7 |
| 145°   | 1107.1 | 1107.7 | 1108.4 | 1109.0 | 1109.7 | 1110.0 | 1110.0 | 1110.0 | 1110.0 | 1110.0 | 1110.0 |
| 147.5° | 1134.5 | 1135.8 | 1137.1 | 1138.4 | 1139.7 | 1140.4 | 1140.3 | 1140.1 | 1139.8 | 1139.6 | 1139.4 |
| 150°   | 1164.9 | 1165.8 | 1166.6 | 1167.5 | 1168.4 | 1168.8 | 1168.7 | 1168.5 | 1168.2 | 1168.0 | 1167.8 |
| 152.5° | 1190.4 | 1191.0 | 1191.7 | 1192.3 | 1193.0 | 1193.3 | 1193.1 | 1192.7 | 1192.2 | 1191.8 | 1191.4 |
| 155°   | 1213.9 | 1214.1 | 1214.3 | 1214.6 | 1214.8 | 1214.9 | 1214.6 | 1213.9 | 1213.2 | 1212.6 | 1211.9 |
| 157.5° | 1234.5 | 1234.5 | 1234.5 | 1234.5 | 1234.5 | 1234.5 | 1234.1 | 1233.2 | 1232.3 | 1231.4 | 1230.5 |
| 160°   | 1252.1 | 1251.5 | 1250.8 | 1250.2 | 1249.5 | 1249.2 | 1249.1 | 1248.9 | 1248.6 | 1248.4 | 1248.2 |
| 162.5° | 1267.8 | 1266.9 | 1266.1 | 1265.2 | 1264.3 | 1263.9 | 1263.8 | 1263.6 | 1263.3 | 1263.1 | 1262.9 |
| 165°   | 1280.5 | 1279.4 | 1278.3 | 1277.2 | 1276.1 | 1275.6 | 1275.6 | 1275.6 | 1275.6 | 1275.6 | 1275.6 |
| 167.5° | 1291.3 | 1290.2 | 1289.1 | 1288.0 | 1286.9 | 1286.4 | 1286.3 | 1286.1 | 1285.8 | 1285.6 | 1285.4 |
| 170°   | 1300.1 | 1298.8 | 1297.5 | 1296.2 | 1294.9 | 1294.2 | 1294.3 | 1294.5 | 1294.8 | 1295.0 | 1295.2 |
| 172.5° | 1306.0 | 1304.7 | 1303.4 | 1302.1 | 1300.8 | 1300.1 | 1300.2 | 1300.4 | 1300.7 | 1300.9 | 1301.1 |
| 175°   | 1309.9 | 1308.6 | 1307.3 | 1306.0 | 1304.7 | 1304.0 | 1304.1 | 1304.3 | 1304.6 | 1304.8 | 1305.0 |
| 177.5° | 1312.8 | 1311.3 | 1309.8 | 1308.3 | 1306.8 | 1306.0 | 1306.2 | 1306.6 | 1307.1 | 1307.5 | 1307.9 |
| 180°   | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 |

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CATALOG NUMBER: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 2000.6 | 2029.1 | 2041.8 | 2045.0 | 2062.4 | 2051.3 | 2056.1 | 2054.5 | 2067.2 | 2068.8 | 2068.8 |
| 5°     | 2146.5 | 2179.8 | 2190.9 | 2206.8 | 2230.6 | 2236.9 | 2232.2 | 2241.7 | 2259.2 | 2246.5 | 2265.5 |
| 7.5°   | 2300.4 | 2336.9 | 2362.3 | 2397.2 | 2405.1 | 2425.7 | 2438.4 | 2449.5 | 2452.7 | 2454.3 | 2457.5 |
| 10°    | 2443.2 | 2489.2 | 2524.1 | 2582.8 | 2595.5 | 2606.6 | 2662.1 | 2639.9 | 2668.5 | 2659.0 | 2662.1 |
| 12.5°  | 2559.0 | 2649.4 | 2678.0 | 2776.4 | 2785.9 | 2823.9 | 2820.8 | 2855.7 | 2862.0 | 2874.7 | 2862.0 |
| 15°    | 2711.3 | 2816.0 | 2862.0 | 2917.5 | 2949.3 | 2993.7 | 3001.6 | 3049.2 | 3068.3 | 3085.7 | 3068.3 |
| 17.5°  | 2850.9 | 2906.4 | 3023.8 | 3068.3 | 3088.9 | 3112.7 | 3173.0 | 3190.4 | 3219.0 | 3207.9 | 3239.6 |
| 20°    | 2920.7 | 3000.0 | 3123.8 | 3199.9 | 3231.7 | 3253.9 | 3304.7 | 3331.6 | 3342.7 | 3342.7 | 3345.9 |
| 22.5°  | 2982.6 | 3096.8 | 3188.8 | 3276.1 | 3304.7 | 3320.5 | 3350.7 | 3371.3 | 3376.0 | 3379.2 | 3382.4 |
| 25°    | 3038.1 | 3141.2 | 3215.8 | 3265.0 | 3276.1 | 3276.1 | 3293.5 | 3280.9 | 3260.2 | 3276.1 | 3285.6 |
| 27.5°  | 3038.1 | 3111.1 | 3144.4 | 3161.9 | 3161.9 | 3119.0 | 3093.6 | 3041.3 | 2996.9 | 2984.2 | 3012.7 |
| 30°    | 2987.4 | 3020.7 | 2974.7 | 2931.8 | 2898.5 | 2870.0 | 2770.0 | 2690.7 | 2674.8 | 2663.7 | 2706.5 |
| 32.5°  | 2870.0 | 2827.1 | 2736.7 | 2612.9 | 2563.8 | 2498.7 | 2421.0 | 2360.7 | 2324.2 | 2311.5 | 2302.0 |
| 35°    | 2662.1 | 2551.1 | 2433.7 | 2267.1 | 2232.2 | 2149.7 | 2043.4 | 1999.0 | 1938.7 | 1937.1 | 1957.7 |
| 37.5°  | 2435.3 | 2263.9 | 2137.0 | 1978.3 | 1929.2 | 1841.9 | 1742.0 | 1696.0 | 1654.7 | 1623.0 | 1661.1 |
| 40°    | 2170.3 | 2021.2 | 1827.6 | 1697.5 | 1627.7 | 1581.7 | 1497.6 | 1446.9 | 1427.8 | 1412.0 | 1435.8 |
| 42.5°  | 1922.8 | 1759.4 | 1608.7 | 1475.4 | 1418.3 | 1366.0 | 1310.4 | 1261.3 | 1247.0 | 1245.4 | 1262.8 |
| 45°    | 1676.9 | 1516.7 | 1377.1 | 1262.8 | 1226.4 | 1194.6 | 1140.7 | 1126.4 | 1102.6 | 1086.7 | 1094.7 |
| 47.5°  | 1480.2 | 1315.2 | 1199.4 | 1112.1 | 1080.4 | 1053.4 | 1018.5 | 994.7  | 974.1  | 967.8  | 977.3  |
| 50°    | 1286.6 | 1175.6 | 1056.6 | 983.6  | 959.8  | 934.4  | 907.5  | 885.3  | 875.7  | 869.4  | 875.7  |
| 52.5°  | 1131.2 | 1012.2 | 931.3  | 872.6  | 848.8  | 829.7  | 810.7  | 801.2  | 788.5  | 791.7  | 798.0  |
| 55°    | 991.6  | 886.8  | 818.6  | 775.8  | 761.5  | 753.6  | 729.8  | 718.7  | 713.9  | 710.7  | 713.9  |
| 57.5°  | 859.9  | 783.7  | 733.0  | 696.5  | 677.4  | 672.7  | 653.6  | 653.6  | 648.9  | 644.1  | 645.7  |
| 60°    | 755.2  | 690.1  | 640.9  | 612.4  | 609.2  | 601.3  | 588.6  | 587.0  | 575.9  | 580.7  | 582.2  |
| 62.5°  | 648.9  | 596.5  | 563.2  | 545.8  | 534.6  | 531.5  | 523.5  | 522.0  | 517.2  | 518.8  | 515.6  |
| 65°    | 564.8  | 522.0  | 488.6  | 474.4  | 469.6  | 468.0  | 461.7  | 456.9  | 453.7  | 456.9  | 453.7  |
| 67.5°  | 480.7  | 452.1  | 426.8  | 412.5  | 406.1  | 404.6  | 399.8  | 396.6  | 398.2  | 393.4  | 396.6  |
| 70°    | 401.4  | 372.8  | 357.0  | 349.0  | 345.9  | 341.1  | 341.1  | 341.1  | 341.1  | 337.9  | 336.3  |
| 72.5°  | 337.9  | 309.4  | 298.3  | 293.5  | 290.3  | 288.7  | 284.0  | 285.6  | 284.0  | 282.4  | 288.7  |
| 75°    | 268.1  | 250.7  | 239.6  | 234.8  | 238.0  | 233.2  | 228.5  | 231.6  | 226.9  | 228.5  | 234.8  |
| 77.5°  | 203.1  | 195.1  | 188.8  | 185.6  | 182.4  | 179.3  | 179.3  | 176.1  | 176.1  | 176.1  | 176.1  |
| 80°    | 147.5  | 146.0  | 134.9  | 133.3  | 133.3  | 130.1  | 130.1  | 130.1  | 130.1  | 128.5  | 130.1  |
| 82.5°  | 98.4   | 96.8   | 93.6   | 92.0   | 88.8   | 90.4   | 90.4   | 87.3   | 87.3   | 85.7   | 87.3   |
| 85°    | 57.1   | 57.1   | 53.9   | 52.4   | 50.8   | 52.4   | 49.2   | 47.6   | 49.2   | 47.6   | 49.2   |
| 87.5°  | 27.0   | 23.8   | 25.4   | 23.8   | 20.6   | 22.2   | 19.0   | 20.6   | 19.0   | 17.5   | 20.6   |
| 90°    | 22.9   | 24.2   | 25.5   | 26.8   | 27.4   | 27.6   | 28.1   | 28.5   | 29.0   | 29.4   | 29.0   |
| 92.5°  | 21.9   | 23.2   | 24.5   | 25.8   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   |
| 95°    | 22.9   | 24.2   | 25.5   | 26.8   | 27.4   | 27.5   | 27.7   | 28.0   | 28.2   | 28.4   | 28.2   |
| 97.5°  | 22.7   | 23.8   | 24.9   | 26.0   | 26.5   | 26.6   | 26.8   | 27.0   | 27.2   | 27.4   | 27.2   |
| 100°   | 39.4   | 35.7   | 32.0   | 28.3   | 26.5   | 26.6   | 26.8   | 27.0   | 27.2   | 27.4   | 27.2   |
| 102.5° | 199.9  | 150.9  | 101.9  | 52.9   | 28.4   | 28.4   | 28.4   | 28.4   | 28.4   | 28.4   | 28.4   |
| 105°   | 307.7  | 309.6  | 311.6  | 313.5  | 314.5  | 310.6  | 302.7  | 294.9  | 287.0  | 279.2  | 287.0  |
| 107.5° | 369.5  | 370.6  | 371.7  | 372.8  | 373.3  | 373.7  | 374.6  | 375.5  | 376.3  | 377.2  | 376.3  |
| 110°   | 432.5  | 432.9  | 433.4  | 433.8  | 434.0  | 434.3  | 435.0  | 435.7  | 436.3  | 437.0  | 436.3  |

TEST NUMBER: P1025029

CATALOG NUMBER: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 493.6  | 493.4  | 493.1  | 492.9  | 492.8  | 493.2  | 494.1  | 495.0  | 495.8  | 496.7  | 495.8  |
| 115°   | 553.0  | 553.4  | 553.9  | 554.3  | 554.5  | 554.5  | 554.5  | 554.5  | 554.5  | 554.5  | 554.5  |
| 117.5° | 615.1  | 614.9  | 614.6  | 614.4  | 614.3  | 614.3  | 614.3  | 614.3  | 614.3  | 614.3  | 614.3  |
| 120°   | 670.5  | 671.0  | 671.4  | 671.9  | 672.1  | 671.9  | 671.4  | 671.0  | 670.5  | 670.1  | 670.5  |
| 122.5° | 726.2  | 726.4  | 726.7  | 726.9  | 727.0  | 726.8  | 726.3  | 725.9  | 725.4  | 725.0  | 725.4  |
| 125°   | 776.6  | 777.2  | 777.9  | 778.6  | 778.9  | 779.0  | 779.2  | 779.5  | 779.7  | 779.9  | 779.7  |
| 127.5° | 829.6  | 829.4  | 829.2  | 829.0  | 828.9  | 828.8  | 828.6  | 828.3  | 828.1  | 827.9  | 828.1  |
| 130°   | 876.1  | 876.3  | 876.6  | 876.8  | 876.9  | 876.9  | 876.9  | 876.9  | 876.9  | 876.9  | 876.9  |
| 132.5° | 922.1  | 922.3  | 922.6  | 922.8  | 922.9  | 922.8  | 922.6  | 922.3  | 922.1  | 921.9  | 922.1  |
| 135°   | 963.5  | 963.9  | 964.4  | 964.8  | 965.0  | 965.2  | 965.7  | 966.1  | 966.6  | 967.0  | 966.6  |
| 137.5° | 1004.6 | 1005.1 | 1005.5 | 1006.0 | 1006.2 | 1006.1 | 1005.9 | 1005.6 | 1005.4 | 1005.2 | 1005.4 |
| 140°   | 1042.1 | 1042.8 | 1043.4 | 1044.1 | 1044.4 | 1044.5 | 1044.7 | 1045.0 | 1045.2 | 1045.4 | 1045.2 |
| 142.5° | 1077.1 | 1077.6 | 1078.0 | 1078.5 | 1078.7 | 1078.7 | 1078.7 | 1078.7 | 1078.7 | 1078.7 | 1078.7 |
| 145°   | 1110.2 | 1110.4 | 1110.7 | 1110.9 | 1111.0 | 1111.2 | 1111.7 | 1112.1 | 1112.6 | 1113.0 | 1112.6 |
| 147.5° | 1139.6 | 1139.8 | 1140.1 | 1140.3 | 1140.4 | 1140.5 | 1140.7 | 1141.0 | 1141.2 | 1141.4 | 1141.2 |
| 150°   | 1167.8 | 1167.8 | 1167.8 | 1167.8 | 1167.8 | 1167.9 | 1168.1 | 1168.4 | 1168.6 | 1168.8 | 1168.6 |
| 152.5° | 1191.8 | 1192.2 | 1192.7 | 1193.1 | 1193.3 | 1193.2 | 1193.0 | 1192.7 | 1192.5 | 1192.3 | 1192.5 |
| 155°   | 1212.8 | 1213.6 | 1214.5 | 1215.4 | 1215.8 | 1215.5 | 1214.8 | 1214.2 | 1213.5 | 1212.9 | 1213.5 |
| 157.5° | 1231.6 | 1232.7 | 1233.8 | 1234.9 | 1235.4 | 1234.9 | 1233.8 | 1232.7 | 1231.6 | 1230.5 | 1231.6 |
| 160°   | 1249.5 | 1250.8 | 1252.1 | 1253.4 | 1254.1 | 1253.4 | 1252.1 | 1250.8 | 1249.5 | 1248.2 | 1249.5 |
| 162.5° | 1264.2 | 1265.5 | 1266.8 | 1268.1 | 1268.8 | 1268.0 | 1266.5 | 1265.0 | 1263.4 | 1261.9 | 1263.4 |
| 165°   | 1277.3 | 1279.1 | 1280.8 | 1282.5 | 1283.4 | 1282.4 | 1280.5 | 1278.5 | 1276.6 | 1274.6 | 1276.6 |
| 167.5° | 1287.4 | 1289.3 | 1291.3 | 1293.2 | 1294.2 | 1293.1 | 1290.9 | 1288.8 | 1286.6 | 1284.4 | 1286.6 |
| 170°   | 1296.9 | 1298.7 | 1300.4 | 1302.1 | 1303.0 | 1301.9 | 1299.7 | 1297.6 | 1295.4 | 1293.2 | 1295.4 |
| 172.5° | 1302.8 | 1304.6 | 1306.3 | 1308.0 | 1308.9 | 1307.7 | 1305.3 | 1302.9 | 1300.5 | 1298.1 | 1300.5 |
| 175°   | 1307.0 | 1308.9 | 1310.9 | 1312.8 | 1313.8 | 1312.5 | 1309.9 | 1307.3 | 1304.7 | 1302.1 | 1304.7 |
| 177.5° | 1309.7 | 1311.4 | 1313.2 | 1314.9 | 1315.8 | 1314.5 | 1311.9 | 1309.2 | 1306.6 | 1304.0 | 1306.6 |
| 180°   | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 |

TEST NUMBER: P1025029

CATALOG NUMBER: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 2065.6 | 2060.8 | 2054.5 | 2054.5 | 2046.6 | 2046.6 | 2033.9 | 2011.7 | 1992.6 | 1986.3 | 1989.5 |
| 5°     | 2241.7 | 2243.3 | 2233.8 | 2225.8 | 2211.6 | 2200.5 | 2179.8 | 2140.2 | 2127.5 | 2102.1 | 2084.6 |
| 7.5°   | 2443.2 | 2436.8 | 2419.4 | 2406.7 | 2403.5 | 2378.1 | 2333.7 | 2286.1 | 2248.1 | 2222.7 | 2186.2 |
| 10°    | 2670.1 | 2644.7 | 2619.3 | 2611.4 | 2592.3 | 2549.5 | 2498.7 | 2446.4 | 2394.0 | 2338.5 | 2276.6 |
| 12.5°  | 2860.4 | 2811.3 | 2809.7 | 2790.6 | 2754.1 | 2730.3 | 2670.1 | 2595.5 | 2505.1 | 2443.2 | 2373.4 |
| 15°    | 3065.1 | 3019.1 | 2981.0 | 2946.1 | 2928.7 | 2858.8 | 2808.1 | 2714.5 | 2606.6 | 2540.0 | 2492.4 |
| 17.5°  | 3211.0 | 3190.4 | 3125.4 | 3109.5 | 3085.7 | 3004.8 | 2923.9 | 2831.9 | 2738.3 | 2644.7 | 2516.2 |
| 20°    | 3328.4 | 3315.8 | 3272.9 | 3250.7 | 3212.6 | 3149.2 | 3050.8 | 2944.5 | 2836.6 | 2703.4 | 2582.8 |
| 22.5°  | 3379.2 | 3363.4 | 3328.4 | 3309.4 | 3285.6 | 3231.7 | 3147.6 | 3027.0 | 2885.8 | 2766.8 | 2638.3 |
| 25°    | 3279.3 | 3307.8 | 3298.3 | 3290.4 | 3280.9 | 3249.1 | 3185.7 | 3079.4 | 2941.3 | 2806.5 | 2646.3 |
| 27.5°  | 3054.0 | 3103.2 | 3150.8 | 3157.1 | 3173.0 | 3185.7 | 3160.3 | 3084.1 | 2968.3 | 2825.5 | 2649.4 |
| 30°    | 2751.0 | 2773.2 | 2870.0 | 2898.5 | 2920.7 | 3001.6 | 3049.2 | 3030.2 | 2941.3 | 2812.8 | 2651.0 |
| 32.5°  | 2362.3 | 2421.0 | 2519.3 | 2587.6 | 2647.8 | 2738.3 | 2862.0 | 2911.2 | 2879.5 | 2774.8 | 2614.5 |
| 35°    | 1994.2 | 2064.0 | 2178.2 | 2265.5 | 2325.8 | 2454.3 | 2600.3 | 2706.5 | 2746.2 | 2693.9 | 2551.1 |
| 37.5°  | 1692.8 | 1776.9 | 1878.4 | 1911.7 | 1981.5 | 2140.2 | 2341.7 | 2489.2 | 2586.0 | 2590.7 | 2479.7 |
| 40°    | 1465.9 | 1508.7 | 1589.7 | 1640.4 | 1708.6 | 1841.9 | 2038.6 | 2233.8 | 2379.7 | 2428.9 | 2370.2 |
| 42.5°  | 1273.9 | 1307.3 | 1367.6 | 1429.4 | 1491.3 | 1592.8 | 1773.7 | 1956.1 | 2152.9 | 2251.2 | 2249.6 |
| 45°    | 1121.6 | 1156.5 | 1197.8 | 1248.6 | 1291.4 | 1400.9 | 1543.7 | 1730.9 | 1900.6 | 2052.9 | 2091.0 |
| 47.5°  | 988.4  | 1018.5 | 1069.3 | 1091.5 | 1120.1 | 1223.2 | 1346.9 | 1521.4 | 1697.5 | 1872.1 | 1916.5 |
| 50°    | 890.0  | 915.4  | 950.3  | 964.6  | 996.3  | 1072.5 | 1174.0 | 1315.2 | 1510.3 | 1670.6 | 1753.1 |
| 52.5°  | 801.2  | 820.2  | 847.2  | 858.3  | 880.5  | 937.6  | 1029.6 | 1140.7 | 1302.5 | 1467.5 | 1583.3 |
| 55°    | 725.0  | 737.7  | 756.8  | 769.4  | 785.3  | 836.1  | 904.3  | 1004.2 | 1143.9 | 1286.6 | 1399.3 |
| 57.5°  | 653.6  | 663.2  | 682.2  | 688.5  | 701.2  | 740.9  | 788.5  | 872.6  | 1001.1 | 1128.0 | 1237.5 |
| 60°    | 587.0  | 593.3  | 604.5  | 618.7  | 628.2  | 655.2  | 699.6  | 769.4  | 872.6  | 988.4  | 1077.2 |
| 62.5°  | 523.5  | 533.1  | 536.2  | 542.6  | 550.5  | 575.9  | 610.8  | 661.6  | 752.0  | 847.2  | 940.8  |
| 65°    | 458.5  | 466.4  | 472.8  | 474.4  | 482.3  | 501.3  | 533.1  | 577.5  | 636.2  | 718.7  | 805.9  |
| 67.5°  | 398.2  | 403.0  | 406.1  | 412.5  | 420.4  | 429.9  | 455.3  | 488.6  | 542.6  | 609.2  | 679.0  |
| 70°    | 342.7  | 342.7  | 347.4  | 349.0  | 358.5  | 369.7  | 380.8  | 412.5  | 460.1  | 514.0  | 561.6  |
| 72.5°  | 282.4  | 290.3  | 288.7  | 296.7  | 295.1  | 303.0  | 317.3  | 337.9  | 372.8  | 415.7  | 461.7  |
| 75°    | 230.0  | 234.8  | 234.8  | 234.8  | 238.0  | 244.3  | 252.3  | 271.3  | 298.3  | 333.2  | 360.1  |
| 77.5°  | 179.3  | 182.4  | 182.4  | 182.4  | 184.0  | 190.4  | 198.3  | 211.0  | 230.0  | 250.7  | 266.5  |
| 80°    | 128.5  | 131.7  | 131.7  | 134.9  | 134.9  | 136.4  | 144.4  | 150.7  | 160.2  | 176.1  | 192.0  |
| 82.5°  | 87.3   | 88.8   | 92.0   | 92.0   | 90.4   | 93.6   | 95.2   | 101.5  | 111.1  | 114.2  | 125.3  |
| 85°    | 47.6   | 49.2   | 50.8   | 50.8   | 52.4   | 55.5   | 53.9   | 60.3   | 60.3   | 66.6   | 69.8   |
| 87.5°  | 19.0   | 22.2   | 22.2   | 20.6   | 22.2   | 22.2   | 22.2   | 25.4   | 27.0   | 28.6   | 27.0   |
| 90°    | 28.5   | 28.1   | 27.6   | 27.4   | 26.8   | 25.5   | 24.2   | 22.9   | 21.6   | 19.8   | 18.1   |
| 92.5°  | 26.5   | 26.5   | 26.5   | 26.5   | 25.8   | 24.5   | 23.2   | 21.9   | 20.6   | 18.8   | 17.1   |
| 95°    | 28.0   | 27.7   | 27.5   | 27.4   | 26.8   | 25.5   | 24.2   | 22.9   | 21.6   | 21.4   | 21.2   |
| 97.5°  | 27.0   | 26.8   | 26.6   | 26.5   | 26.0   | 24.9   | 23.8   | 22.7   | 21.6   | 44.4   | 67.3   |
| 100°   | 27.0   | 26.8   | 26.6   | 26.5   | 28.3   | 32.0   | 35.7   | 39.4   | 43.1   | 73.1   | 103.2  |
| 102.5° | 28.4   | 28.4   | 28.4   | 28.4   | 52.9   | 101.9  | 150.9  | 199.9  | 248.9  | 246.3  | 243.7  |
| 105°   | 294.9  | 302.7  | 310.6  | 314.5  | 313.5  | 311.6  | 309.6  | 307.7  | 305.7  | 304.6  | 303.5  |
| 107.5° | 375.5  | 374.6  | 373.7  | 373.3  | 372.8  | 371.7  | 370.6  | 369.5  | 368.4  | 366.9  | 365.3  |
| 110°   | 435.7  | 435.0  | 434.3  | 434.0  | 433.8  | 433.4  | 432.9  | 432.5  | 432.1  | 430.8  | 429.5  |

TEST NUMBER: P1025029

CATALOG NUMBER: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 495.0  | 494.1  | 493.2  | 492.8  | 492.9  | 493.1  | 493.4  | 493.6  | 493.8  | 493.4  | 492.9  |
| 115°   | 554.5  | 554.5  | 554.5  | 554.5  | 554.3  | 553.9  | 553.4  | 553.0  | 552.6  | 552.8  | 553.0  |
| 117.5° | 614.3  | 614.3  | 614.3  | 614.3  | 614.4  | 614.6  | 614.9  | 615.1  | 615.3  | 614.6  | 614.0  |
| 120°   | 671.0  | 671.4  | 671.9  | 672.1  | 671.9  | 671.4  | 671.0  | 670.5  | 670.1  | 670.3  | 670.5  |
| 122.5° | 725.9  | 726.3  | 726.8  | 727.0  | 726.9  | 726.7  | 726.4  | 726.2  | 726.0  | 725.6  | 725.1  |
| 125°   | 779.5  | 779.2  | 779.0  | 778.9  | 778.6  | 777.9  | 777.2  | 776.6  | 775.9  | 776.3  | 776.8  |
| 127.5° | 828.3  | 828.6  | 828.8  | 828.9  | 829.0  | 829.2  | 829.4  | 829.6  | 829.8  | 828.7  | 827.6  |
| 130°   | 876.9  | 876.9  | 876.9  | 876.9  | 876.8  | 876.6  | 876.3  | 876.1  | 875.9  | 875.2  | 874.6  |
| 132.5° | 922.3  | 922.6  | 922.8  | 922.9  | 922.8  | 922.6  | 922.3  | 922.1  | 921.9  | 921.0  | 920.2  |
| 135°   | 966.1  | 965.7  | 965.2  | 965.0  | 964.8  | 964.4  | 963.9  | 963.5  | 963.1  | 962.2  | 961.4  |
| 137.5° | 1005.6 | 1005.9 | 1006.1 | 1006.2 | 1006.0 | 1005.5 | 1005.1 | 1004.6 | 1004.2 | 1003.1 | 1002.0 |
| 140°   | 1045.0 | 1044.7 | 1044.5 | 1044.4 | 1044.1 | 1043.4 | 1042.8 | 1042.1 | 1041.5 | 1041.1 | 1040.6 |
| 142.5° | 1078.7 | 1078.7 | 1078.7 | 1078.7 | 1078.5 | 1078.0 | 1077.6 | 1077.1 | 1076.7 | 1076.5 | 1076.3 |
| 145°   | 1112.1 | 1111.7 | 1111.2 | 1111.0 | 1110.9 | 1110.7 | 1110.4 | 1110.2 | 1110.0 | 1110.0 | 1110.0 |
| 147.5° | 1141.0 | 1140.7 | 1140.5 | 1140.4 | 1140.3 | 1140.1 | 1139.8 | 1139.6 | 1139.4 | 1139.6 | 1139.8 |
| 150°   | 1168.4 | 1168.1 | 1167.9 | 1167.8 | 1167.8 | 1167.8 | 1167.8 | 1167.8 | 1167.8 | 1168.0 | 1168.2 |
| 152.5° | 1192.7 | 1193.0 | 1193.2 | 1193.3 | 1193.1 | 1192.7 | 1192.2 | 1191.8 | 1191.4 | 1191.8 | 1192.2 |
| 155°   | 1214.2 | 1214.8 | 1215.5 | 1215.8 | 1215.4 | 1214.5 | 1213.6 | 1212.8 | 1211.9 | 1212.6 | 1213.2 |
| 157.5° | 1232.7 | 1233.8 | 1234.9 | 1235.4 | 1234.9 | 1233.8 | 1232.7 | 1231.6 | 1230.5 | 1231.4 | 1232.3 |
| 160°   | 1250.8 | 1252.1 | 1253.4 | 1254.1 | 1253.4 | 1252.1 | 1250.8 | 1249.5 | 1248.2 | 1248.4 | 1248.6 |
| 162.5° | 1265.0 | 1266.5 | 1268.0 | 1268.8 | 1268.1 | 1266.8 | 1265.5 | 1264.2 | 1262.9 | 1263.1 | 1263.3 |
| 165°   | 1278.5 | 1280.5 | 1282.4 | 1283.4 | 1282.5 | 1280.8 | 1279.1 | 1277.3 | 1275.6 | 1275.6 | 1275.6 |
| 167.5° | 1288.8 | 1290.9 | 1293.1 | 1294.2 | 1293.2 | 1291.3 | 1289.3 | 1287.4 | 1285.4 | 1285.6 | 1285.8 |
| 170°   | 1297.6 | 1299.7 | 1301.9 | 1303.0 | 1302.1 | 1300.4 | 1298.7 | 1296.9 | 1295.2 | 1295.0 | 1294.8 |
| 172.5° | 1302.9 | 1305.3 | 1307.7 | 1308.9 | 1308.0 | 1306.3 | 1304.6 | 1302.8 | 1301.1 | 1300.9 | 1300.7 |
| 175°   | 1307.3 | 1309.9 | 1312.5 | 1313.8 | 1312.8 | 1310.9 | 1308.9 | 1307.0 | 1305.0 | 1304.8 | 1304.6 |
| 177.5° | 1309.2 | 1311.9 | 1314.5 | 1315.8 | 1314.9 | 1313.2 | 1311.4 | 1309.7 | 1307.9 | 1307.5 | 1307.1 |
| 180°   | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 1975.2 | 1968.8 | 1964.1 | 1964.1 | 1949.8 | 1935.5 | 1927.6 | 1924.4 | 1921.2 | 1908.5 | 1891.1 |
| 5°     | 2056.1 | 2035.5 | 2021.2 | 2006.9 | 1983.1 | 1957.7 | 1932.3 | 1918.1 | 1897.4 | 1868.9 | 1848.3 |
| 7.5°   | 2146.5 | 2097.3 | 2081.5 | 2064.0 | 2016.4 | 1973.6 | 1938.7 | 1908.5 | 1875.2 | 1838.7 | 1802.2 |
| 10°    | 2222.7 | 2170.3 | 2135.4 | 2105.3 | 2043.4 | 1986.3 | 1933.9 | 1889.5 | 1846.7 | 1799.1 | 1754.7 |
| 12.5°  | 2295.6 | 2221.1 | 2184.6 | 2140.2 | 2075.1 | 1992.6 | 1924.4 | 1868.9 | 1805.4 | 1756.2 | 1702.3 |
| 15°    | 2397.2 | 2271.8 | 2211.6 | 2183.0 | 2095.7 | 1999.0 | 1916.5 | 1834.0 | 1781.6 | 1707.1 | 1659.5 |
| 17.5°  | 2413.0 | 2311.5 | 2271.8 | 2198.9 | 2094.2 | 1984.7 | 1889.5 | 1807.0 | 1727.7 | 1661.1 | 1599.2 |
| 20°    | 2468.6 | 2335.3 | 2271.8 | 2225.8 | 2087.8 | 1976.8 | 1872.1 | 1765.8 | 1689.6 | 1618.2 | 1548.4 |
| 22.5°  | 2503.5 | 2352.8 | 2286.1 | 2213.1 | 2081.5 | 1948.2 | 1824.5 | 1732.4 | 1638.8 | 1565.9 | 1510.3 |
| 25°    | 2494.0 | 2343.2 | 2268.7 | 2200.5 | 2040.2 | 1907.0 | 1795.9 | 1678.5 | 1591.2 | 1511.9 | 1438.9 |
| 27.5°  | 2489.2 | 2319.4 | 2240.1 | 2164.0 | 2013.3 | 1873.6 | 1734.0 | 1638.8 | 1542.1 | 1450.0 | 1396.1 |
| 30°    | 2476.5 | 2289.3 | 2197.3 | 2114.8 | 1957.7 | 1811.8 | 1692.8 | 1581.7 | 1485.0 | 1400.9 | 1329.5 |
| 32.5°  | 2433.7 | 2238.5 | 2149.7 | 2060.8 | 1897.4 | 1751.5 | 1630.9 | 1527.8 | 1431.0 | 1343.8 | 1275.5 |
| 35°    | 2376.6 | 2178.2 | 2081.5 | 1987.9 | 1824.5 | 1676.9 | 1565.9 | 1458.0 | 1367.6 | 1283.5 | 1218.4 |
| 37.5°  | 2319.4 | 2108.4 | 2018.0 | 1910.1 | 1759.4 | 1605.5 | 1491.3 | 1394.5 | 1310.4 | 1223.2 | 1151.8 |
| 40°    | 2236.9 | 2025.9 | 1926.0 | 1834.0 | 1657.9 | 1513.5 | 1408.8 | 1321.5 | 1239.0 | 1156.5 | 1096.3 |
| 42.5°  | 2124.3 | 1935.5 | 1832.4 | 1730.9 | 1565.9 | 1423.1 | 1321.5 | 1243.8 | 1166.1 | 1097.8 | 1031.2 |
| 45°    | 2010.1 | 1826.0 | 1734.0 | 1643.6 | 1464.3 | 1329.5 | 1235.9 | 1164.5 | 1099.4 | 1024.9 | 970.9  |
| 47.5°  | 1872.1 | 1716.6 | 1624.6 | 1535.7 | 1366.0 | 1231.1 | 1145.4 | 1078.8 | 1018.5 | 956.7  | 905.9  |
| 50°    | 1730.9 | 1596.0 | 1511.9 | 1419.9 | 1258.1 | 1135.9 | 1051.8 | 996.3  | 947.1  | 888.4  | 847.2  |
| 52.5°  | 1578.6 | 1461.2 | 1389.8 | 1300.9 | 1158.1 | 1045.5 | 959.8  | 904.3  | 863.0  | 820.2  | 783.7  |
| 55°    | 1416.7 | 1331.1 | 1254.9 | 1183.5 | 1048.7 | 947.1  | 871.0  | 821.8  | 793.2  | 753.6  | 721.9  |
| 57.5°  | 1270.8 | 1188.3 | 1142.3 | 1061.4 | 944.0  | 844.0  | 783.7  | 742.5  | 709.2  | 685.4  | 660.0  |
| 60°    | 1118.5 | 1051.8 | 1001.1 | 942.4  | 839.3  | 755.2  | 691.7  | 667.9  | 633.0  | 615.6  | 604.5  |
| 62.5°  | 972.5  | 924.9  | 877.3  | 832.9  | 740.9  | 661.6  | 614.0  | 583.8  | 563.2  | 545.8  | 536.2  |
| 65°    | 834.5  | 790.1  | 756.8  | 717.1  | 640.9  | 577.5  | 533.1  | 509.3  | 488.6  | 483.9  | 472.8  |
| 67.5°  | 699.6  | 680.6  | 644.1  | 612.4  | 547.3  | 498.2  | 464.8  | 434.7  | 423.6  | 418.8  | 409.3  |
| 70°    | 585.4  | 563.2  | 534.6  | 507.7  | 458.5  | 415.7  | 385.5  | 374.4  | 358.5  | 357.0  | 345.9  |
| 72.5°  | 482.3  | 455.3  | 434.7  | 414.1  | 377.6  | 339.5  | 323.6  | 307.8  | 299.8  | 293.5  | 288.7  |
| 75°    | 382.3  | 363.3  | 349.0  | 331.6  | 299.8  | 274.5  | 252.3  | 245.9  | 241.1  | 239.6  | 236.4  |
| 77.5°  | 285.6  | 272.9  | 266.5  | 249.1  | 226.9  | 204.7  | 195.1  | 185.6  | 185.6  | 182.4  | 184.0  |
| 80°    | 203.1  | 195.1  | 187.2  | 177.7  | 158.6  | 149.1  | 141.2  | 134.9  | 131.7  | 130.1  | 131.7  |
| 82.5°  | 128.5  | 123.7  | 122.2  | 115.8  | 103.1  | 98.4   | 92.0   | 87.3   | 87.3   | 87.3   | 87.3   |
| 85°    | 71.4   | 71.4   | 71.4   | 61.9   | 57.1   | 52.4   | 49.2   | 47.6   | 47.6   | 47.6   | 49.2   |
| 87.5°  | 30.1   | 30.1   | 25.4   | 25.4   | 23.8   | 20.6   | 19.0   | 19.0   | 20.6   | 20.6   | 22.2   |
| 90°    | 16.3   | 14.6   | 13.7   | 12.5   | 10.1   | 7.7    | 5.3    | 2.9    | 5.3    | 7.7    | 10.1   |
| 92.5°  | 15.3   | 13.6   | 12.7   | 12.9   | 13.4   | 13.8   | 14.3   | 14.7   | 14.3   | 13.8   | 13.4   |
| 95°    | 20.9   | 20.7   | 20.6   | 24.3   | 31.7   | 39.1   | 46.5   | 53.9   | 46.5   | 39.1   | 31.7   |
| 97.5°  | 90.1   | 113.0  | 124.4  | 122.0  | 117.2  | 112.5  | 107.7  | 102.9  | 107.7  | 112.5  | 117.2  |
| 100°   | 133.2  | 163.3  | 178.3  | 176.3  | 172.4  | 168.5  | 164.6  | 160.7  | 164.6  | 168.5  | 172.4  |
| 102.5° | 241.0  | 238.4  | 237.1  | 235.8  | 233.2  | 230.5  | 227.9  | 225.3  | 227.9  | 230.5  | 233.2  |
| 105°   | 302.4  | 301.3  | 300.8  | 300.1  | 298.8  | 297.5  | 296.2  | 294.9  | 296.2  | 297.5  | 298.8  |
| 107.5° | 363.8  | 362.3  | 361.5  | 361.2  | 360.5  | 359.9  | 359.2  | 358.6  | 359.2  | 359.9  | 360.5  |
| 110°   | 428.2  | 426.9  | 426.2  | 425.9  | 425.2  | 424.5  | 423.9  | 423.2  | 423.9  | 424.5  | 425.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 492.5  | 492.0  | 491.8  | 491.1  | 489.8  | 488.5  | 487.2  | 485.9  | 487.2  | 488.5  | 489.8  |
| 115°   | 553.2  | 553.4  | 553.5  | 553.2  | 552.5  | 551.9  | 551.2  | 550.6  | 551.2  | 551.9  | 552.5  |
| 117.5° | 613.3  | 612.6  | 612.3  | 611.9  | 611.0  | 610.1  | 609.3  | 608.4  | 609.3  | 610.1  | 611.0  |
| 120°   | 670.8  | 671.0  | 671.1  | 670.7  | 669.8  | 668.9  | 668.1  | 667.2  | 668.1  | 668.9  | 669.8  |
| 122.5° | 724.7  | 724.2  | 724.0  | 723.8  | 723.4  | 722.9  | 722.5  | 722.1  | 722.5  | 722.9  | 723.4  |
| 125°   | 777.2  | 777.7  | 777.9  | 777.5  | 776.6  | 775.7  | 774.9  | 774.0  | 774.9  | 775.7  | 776.6  |
| 127.5° | 826.5  | 825.4  | 824.9  | 824.8  | 824.6  | 824.4  | 824.2  | 824.0  | 824.2  | 824.4  | 824.6  |
| 130°   | 873.9  | 873.2  | 872.9  | 872.8  | 872.6  | 872.4  | 872.2  | 872.0  | 872.2  | 872.4  | 872.6  |
| 132.5° | 919.3  | 918.4  | 918.0  | 917.8  | 917.3  | 916.9  | 916.4  | 916.0  | 916.4  | 916.9  | 917.3  |
| 135°   | 960.5  | 959.6  | 959.2  | 959.3  | 959.5  | 959.7  | 959.9  | 960.1  | 959.9  | 959.7  | 959.5  |
| 137.5° | 1000.9 | 999.8  | 999.3  | 999.3  | 999.3  | 999.3  | 999.3  | 999.3  | 999.3  | 999.3  | 999.3  |
| 140°   | 1040.2 | 1039.7 | 1039.5 | 1039.3 | 1038.8 | 1038.4 | 1037.9 | 1037.5 | 1037.9 | 1038.4 | 1038.8 |
| 142.5° | 1076.0 | 1075.8 | 1075.7 | 1075.3 | 1074.4 | 1073.5 | 1072.7 | 1071.8 | 1072.7 | 1073.5 | 1074.4 |
| 145°   | 1110.0 | 1110.0 | 1110.0 | 1109.7 | 1109.0 | 1108.4 | 1107.7 | 1107.1 | 1107.7 | 1108.4 | 1109.0 |
| 147.5° | 1140.1 | 1140.3 | 1140.4 | 1139.7 | 1138.4 | 1137.1 | 1135.8 | 1134.5 | 1135.8 | 1137.1 | 1138.4 |
| 150°   | 1168.5 | 1168.7 | 1168.8 | 1168.4 | 1167.5 | 1166.6 | 1165.8 | 1164.9 | 1165.8 | 1166.6 | 1167.5 |
| 152.5° | 1192.7 | 1193.1 | 1193.3 | 1193.0 | 1192.3 | 1191.7 | 1191.0 | 1190.4 | 1191.0 | 1191.7 | 1192.3 |
| 155°   | 1213.9 | 1214.6 | 1214.9 | 1214.8 | 1214.6 | 1214.3 | 1214.1 | 1213.9 | 1214.1 | 1214.3 | 1214.6 |
| 157.5° | 1233.2 | 1234.1 | 1234.5 | 1234.5 | 1234.5 | 1234.5 | 1234.5 | 1234.5 | 1234.5 | 1234.5 | 1234.5 |
| 160°   | 1248.9 | 1249.1 | 1249.2 | 1249.5 | 1250.2 | 1250.8 | 1251.5 | 1252.1 | 1251.5 | 1250.8 | 1250.2 |
| 162.5° | 1263.6 | 1263.8 | 1263.9 | 1264.3 | 1265.2 | 1266.1 | 1266.9 | 1267.8 | 1266.9 | 1266.1 | 1265.2 |
| 165°   | 1275.6 | 1275.6 | 1275.6 | 1276.1 | 1277.2 | 1278.3 | 1279.4 | 1280.5 | 1279.4 | 1278.3 | 1277.2 |
| 167.5° | 1286.1 | 1286.3 | 1286.4 | 1286.9 | 1288.0 | 1289.1 | 1290.2 | 1291.3 | 1290.2 | 1289.1 | 1288.0 |
| 170°   | 1294.5 | 1294.3 | 1294.2 | 1294.9 | 1296.2 | 1297.5 | 1298.8 | 1300.1 | 1298.8 | 1297.5 | 1296.2 |
| 172.5° | 1300.4 | 1300.2 | 1300.1 | 1300.8 | 1302.1 | 1303.4 | 1304.7 | 1306.0 | 1304.7 | 1303.4 | 1302.1 |
| 175°   | 1304.3 | 1304.1 | 1304.0 | 1304.7 | 1306.0 | 1307.3 | 1308.6 | 1309.9 | 1308.6 | 1307.3 | 1306.0 |
| 177.5° | 1306.6 | 1306.2 | 1306.0 | 1306.8 | 1308.3 | 1309.8 | 1311.3 | 1312.8 | 1311.3 | 1309.8 | 1308.3 |
| 180°   | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 1886.3 | 1880.0 | 1883.2 | 1867.3 | 1853.0 | 1832.4 | 1814.9 | 1811.8 | 1808.6 | 1818.1 | 1811.8 |
| 5°     | 1832.4 | 1824.5 | 1816.5 | 1797.5 | 1768.9 | 1751.5 | 1726.1 | 1724.5 | 1715.0 | 1700.7 | 1703.9 |
| 7.5°   | 1773.7 | 1768.9 | 1757.8 | 1727.7 | 1702.3 | 1672.2 | 1651.5 | 1634.1 | 1626.1 | 1613.5 | 1608.7 |
| 10°    | 1726.1 | 1708.6 | 1699.1 | 1665.8 | 1635.7 | 1603.9 | 1577.0 | 1564.3 | 1550.0 | 1538.9 | 1531.0 |
| 12.5°  | 1661.1 | 1656.3 | 1629.3 | 1602.4 | 1577.0 | 1540.5 | 1519.9 | 1483.4 | 1464.3 | 1473.8 | 1470.7 |
| 15°    | 1618.2 | 1596.0 | 1589.7 | 1551.6 | 1508.7 | 1485.0 | 1446.9 | 1423.1 | 1415.1 | 1400.9 | 1383.4 |
| 17.5°  | 1561.1 | 1546.8 | 1524.6 | 1489.7 | 1440.5 | 1407.2 | 1380.2 | 1358.0 | 1348.5 | 1329.5 | 1315.2 |
| 20°    | 1507.2 | 1483.4 | 1465.9 | 1434.2 | 1386.6 | 1343.8 | 1310.4 | 1296.2 | 1272.4 | 1256.5 | 1248.6 |
| 22.5°  | 1458.0 | 1440.5 | 1415.1 | 1367.6 | 1326.3 | 1285.1 | 1245.4 | 1224.8 | 1202.6 | 1193.0 | 1180.3 |
| 25°    | 1397.7 | 1369.1 | 1351.7 | 1299.3 | 1254.9 | 1221.6 | 1185.1 | 1158.1 | 1145.4 | 1129.6 | 1126.4 |
| 27.5°  | 1339.0 | 1312.0 | 1291.4 | 1245.4 | 1191.5 | 1148.6 | 1126.4 | 1107.4 | 1085.2 | 1085.2 | 1077.2 |
| 30°    | 1280.3 | 1261.3 | 1229.5 | 1185.1 | 1134.3 | 1093.1 | 1067.7 | 1050.3 | 1042.3 | 1036.0 | 1034.4 |
| 32.5°  | 1221.6 | 1196.2 | 1177.2 | 1116.9 | 1078.8 | 1040.7 | 1021.7 | 1007.4 | 997.9  | 996.3  | 997.9  |
| 35°    | 1161.3 | 1132.8 | 1113.7 | 1059.8 | 1021.7 | 986.8  | 978.9  | 966.2  | 961.4  | 959.8  | 967.8  |
| 37.5°  | 1097.8 | 1075.6 | 1051.8 | 1007.4 | 964.6  | 944.0  | 928.1  | 923.3  | 921.7  | 931.3  | 934.4  |
| 40°    | 1039.1 | 1020.1 | 997.9  | 950.3  | 918.6  | 896.4  | 888.4  | 883.7  | 890.0  | 899.5  | 904.3  |
| 42.5°  | 983.6  | 956.7  | 939.2  | 896.4  | 867.8  | 855.1  | 845.6  | 845.6  | 851.9  | 863.0  | 871.0  |
| 45°    | 924.9  | 904.3  | 886.8  | 848.8  | 823.4  | 809.1  | 807.5  | 809.1  | 817.0  | 825.0  | 834.5  |
| 47.5°  | 867.8  | 847.2  | 828.1  | 796.4  | 774.2  | 766.3  | 764.7  | 766.3  | 779.0  | 790.1  | 801.2  |
| 50°    | 815.5  | 793.2  | 775.8  | 745.6  | 728.2  | 718.7  | 720.3  | 728.2  | 737.7  | 753.6  | 767.9  |
| 52.5°  | 753.6  | 737.7  | 721.9  | 694.9  | 679.0  | 672.7  | 677.4  | 683.8  | 701.2  | 712.3  | 729.8  |
| 55°    | 693.3  | 679.0  | 666.3  | 645.7  | 633.0  | 628.2  | 631.4  | 640.9  | 655.2  | 674.3  | 694.9  |
| 57.5°  | 637.8  | 621.9  | 609.2  | 594.9  | 580.7  | 582.2  | 583.8  | 596.5  | 614.0  | 631.4  | 655.2  |
| 60°    | 575.9  | 566.4  | 555.3  | 537.8  | 531.5  | 531.5  | 536.2  | 550.5  | 566.4  | 594.9  | 615.6  |
| 62.5°  | 520.4  | 507.7  | 499.7  | 488.6  | 479.1  | 480.7  | 491.8  | 504.5  | 523.5  | 547.3  | 574.3  |
| 65°    | 463.3  | 449.0  | 442.6  | 433.1  | 429.9  | 431.5  | 439.5  | 458.5  | 479.1  | 499.7  | 525.1  |
| 67.5°  | 399.8  | 395.0  | 388.7  | 379.2  | 382.3  | 383.9  | 391.9  | 407.7  | 429.9  | 450.6  | 479.1  |
| 70°    | 345.9  | 336.3  | 334.7  | 326.8  | 326.8  | 331.6  | 347.4  | 358.5  | 379.2  | 401.4  | 431.5  |
| 72.5°  | 288.7  | 280.8  | 280.8  | 274.5  | 279.2  | 284.0  | 291.9  | 307.8  | 326.8  | 349.0  | 374.4  |
| 75°    | 230.0  | 226.9  | 230.0  | 226.9  | 226.9  | 234.8  | 244.3  | 257.0  | 277.6  | 301.4  | 322.1  |
| 77.5°  | 177.7  | 177.7  | 176.1  | 180.9  | 180.9  | 185.6  | 198.3  | 211.0  | 226.9  | 245.9  | 268.1  |
| 80°    | 130.1  | 130.1  | 130.1  | 134.9  | 139.6  | 139.6  | 147.5  | 163.4  | 177.7  | 190.4  | 211.0  |
| 82.5°  | 88.8   | 88.8   | 88.8   | 92.0   | 98.4   | 98.4   | 107.9  | 117.4  | 133.3  | 144.4  | 153.9  |
| 85°    | 53.9   | 53.9   | 52.4   | 55.5   | 57.1   | 61.9   | 69.8   | 76.2   | 84.1   | 93.6   | 103.1  |
| 87.5°  | 23.8   | 23.8   | 25.4   | 27.0   | 28.6   | 31.7   | 34.9   | 38.1   | 46.0   | 49.2   | 53.9   |
| 90°    | 12.5   | 13.7   | 14.6   | 16.3   | 18.1   | 19.8   | 21.6   | 22.9   | 24.2   | 25.5   | 26.8   |
| 92.5°  | 12.9   | 12.7   | 13.6   | 15.3   | 17.1   | 18.8   | 20.6   | 21.9   | 23.2   | 24.5   | 25.8   |
| 95°    | 24.3   | 20.6   | 20.7   | 20.9   | 21.2   | 21.4   | 21.6   | 22.9   | 24.2   | 25.5   | 26.8   |
| 97.5°  | 122.0  | 124.4  | 113.0  | 90.1   | 67.3   | 44.4   | 21.6   | 22.7   | 23.8   | 24.9   | 26.0   |
| 100°   | 176.3  | 178.3  | 163.3  | 133.2  | 103.2  | 73.1   | 43.1   | 39.4   | 35.7   | 32.0   | 28.3   |
| 102.5° | 235.8  | 237.1  | 238.4  | 241.0  | 243.7  | 246.3  | 248.9  | 199.9  | 150.9  | 101.9  | 52.9   |
| 105°   | 300.1  | 300.8  | 301.3  | 302.4  | 303.5  | 304.6  | 305.7  | 307.7  | 309.6  | 311.6  | 313.5  |
| 107.5° | 361.2  | 361.5  | 362.3  | 363.8  | 365.3  | 366.9  | 368.4  | 369.5  | 370.6  | 371.7  | 372.8  |
| 110°   | 425.9  | 426.2  | 426.9  | 428.2  | 429.5  | 430.8  | 432.1  | 432.5  | 432.9  | 433.4  | 433.8  |

TEST NUMBER: P1025029

CATALOG NUMBER: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 491.1  | 491.8  | 492.0  | 492.5  | 492.9  | 493.4  | 493.8  | 493.6  | 493.4  | 493.1  | 492.9  |
| 115°   | 553.2  | 553.5  | 553.4  | 553.2  | 553.0  | 552.8  | 552.6  | 553.0  | 553.4  | 553.9  | 554.3  |
| 117.5° | 611.9  | 612.3  | 612.6  | 613.3  | 614.0  | 614.6  | 615.3  | 615.1  | 614.9  | 614.6  | 614.4  |
| 120°   | 670.7  | 671.1  | 671.0  | 670.8  | 670.5  | 670.3  | 670.1  | 670.5  | 671.0  | 671.4  | 671.9  |
| 122.5° | 723.8  | 724.0  | 724.2  | 724.7  | 725.1  | 725.6  | 726.0  | 726.2  | 726.4  | 726.7  | 726.9  |
| 125°   | 777.5  | 777.9  | 777.7  | 777.2  | 776.8  | 776.3  | 775.9  | 776.6  | 777.2  | 777.9  | 778.6  |
| 127.5° | 824.8  | 824.9  | 825.4  | 826.5  | 827.6  | 828.7  | 829.8  | 829.6  | 829.4  | 829.2  | 829.0  |
| 130°   | 872.8  | 872.9  | 873.2  | 873.9  | 874.6  | 875.2  | 875.9  | 876.1  | 876.3  | 876.6  | 876.8  |
| 132.5° | 917.8  | 918.0  | 918.4  | 919.3  | 920.2  | 921.0  | 921.9  | 922.1  | 922.3  | 922.6  | 922.8  |
| 135°   | 959.3  | 959.2  | 959.6  | 960.5  | 961.4  | 962.2  | 963.1  | 963.5  | 963.9  | 964.4  | 964.8  |
| 137.5° | 999.3  | 999.3  | 999.8  | 1000.9 | 1002.0 | 1003.1 | 1004.2 | 1004.6 | 1005.1 | 1005.5 | 1006.0 |
| 140°   | 1039.3 | 1039.5 | 1039.7 | 1040.2 | 1040.6 | 1041.1 | 1041.5 | 1042.1 | 1042.8 | 1043.4 | 1044.1 |
| 142.5° | 1075.3 | 1075.7 | 1075.8 | 1076.0 | 1076.3 | 1076.5 | 1076.7 | 1077.1 | 1077.6 | 1078.0 | 1078.5 |
| 145°   | 1109.7 | 1110.0 | 1110.0 | 1110.0 | 1110.0 | 1110.0 | 1110.0 | 1110.2 | 1110.4 | 1110.7 | 1110.9 |
| 147.5° | 1139.7 | 1140.4 | 1140.3 | 1140.1 | 1139.8 | 1139.6 | 1139.4 | 1139.6 | 1139.8 | 1140.1 | 1140.3 |
| 150°   | 1168.4 | 1168.8 | 1168.7 | 1168.5 | 1168.2 | 1168.0 | 1167.8 | 1167.8 | 1167.8 | 1167.8 | 1167.8 |
| 152.5° | 1193.0 | 1193.3 | 1193.1 | 1192.7 | 1192.2 | 1191.8 | 1191.4 | 1191.8 | 1192.2 | 1192.7 | 1193.1 |
| 155°   | 1214.8 | 1214.9 | 1214.6 | 1213.9 | 1213.2 | 1212.6 | 1211.9 | 1212.8 | 1213.6 | 1214.5 | 1215.4 |
| 157.5° | 1234.5 | 1234.5 | 1234.1 | 1233.2 | 1232.3 | 1231.4 | 1230.5 | 1231.6 | 1232.7 | 1233.8 | 1234.9 |
| 160°   | 1249.5 | 1249.2 | 1249.1 | 1248.9 | 1248.6 | 1248.4 | 1248.2 | 1249.5 | 1250.8 | 1252.1 | 1253.4 |
| 162.5° | 1264.3 | 1263.9 | 1263.8 | 1263.6 | 1263.3 | 1263.1 | 1262.9 | 1264.2 | 1265.5 | 1266.8 | 1268.1 |
| 165°   | 1276.1 | 1275.6 | 1275.6 | 1275.6 | 1275.6 | 1275.6 | 1275.6 | 1277.3 | 1279.1 | 1280.8 | 1282.5 |
| 167.5° | 1286.9 | 1286.4 | 1286.3 | 1286.1 | 1285.8 | 1285.6 | 1285.4 | 1287.4 | 1289.3 | 1291.3 | 1293.2 |
| 170°   | 1294.9 | 1294.2 | 1294.3 | 1294.5 | 1294.8 | 1295.0 | 1295.2 | 1296.9 | 1298.7 | 1300.4 | 1302.1 |
| 172.5° | 1300.8 | 1300.1 | 1300.2 | 1300.4 | 1300.7 | 1300.9 | 1301.1 | 1302.8 | 1304.6 | 1306.3 | 1308.0 |
| 175°   | 1304.7 | 1304.0 | 1304.1 | 1304.3 | 1304.6 | 1304.8 | 1305.0 | 1307.0 | 1308.9 | 1310.9 | 1312.8 |
| 177.5° | 1306.8 | 1306.0 | 1306.2 | 1306.6 | 1307.1 | 1307.5 | 1307.9 | 1309.7 | 1311.4 | 1313.2 | 1314.9 |
| 180°   | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 |

TEST NUMBER: P1025029

CATALOG NUMBER: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 1807.0 | 1805.4 | 1797.5 | 1800.7 | 1791.1 | 1794.3 | 1799.1 | 1800.7 | 1807.0 | 1802.2 | 1800.7 |
| 5°     | 1696.0 | 1692.8 | 1688.0 | 1683.3 | 1681.7 | 1688.0 | 1676.9 | 1680.1 | 1683.3 | 1688.0 | 1694.4 |
| 7.5°   | 1605.5 | 1603.9 | 1599.2 | 1591.2 | 1588.1 | 1584.9 | 1586.5 | 1597.6 | 1596.0 | 1594.4 | 1605.5 |
| 10°    | 1523.0 | 1524.6 | 1515.1 | 1513.5 | 1504.0 | 1502.4 | 1504.0 | 1507.2 | 1511.9 | 1518.3 | 1519.9 |
| 12.5°  | 1437.4 | 1458.0 | 1440.5 | 1434.2 | 1419.9 | 1427.8 | 1431.0 | 1416.7 | 1424.7 | 1429.4 | 1453.2 |
| 15°    | 1383.4 | 1373.9 | 1362.8 | 1362.8 | 1356.4 | 1353.3 | 1345.3 | 1356.4 | 1362.8 | 1372.3 | 1369.1 |
| 17.5°  | 1308.9 | 1293.0 | 1286.6 | 1280.3 | 1281.9 | 1288.2 | 1270.8 | 1296.2 | 1296.2 | 1300.9 | 1293.0 |
| 20°    | 1243.8 | 1231.1 | 1223.2 | 1220.0 | 1215.2 | 1212.1 | 1210.5 | 1216.8 | 1226.4 | 1229.5 | 1237.5 |
| 22.5°  | 1175.6 | 1175.6 | 1162.9 | 1158.1 | 1155.0 | 1150.2 | 1158.1 | 1153.4 | 1159.7 | 1166.1 | 1178.8 |
| 25°    | 1118.5 | 1118.5 | 1113.7 | 1107.4 | 1102.6 | 1099.4 | 1104.2 | 1102.6 | 1107.4 | 1115.3 | 1118.5 |
| 27.5°  | 1072.5 | 1067.7 | 1066.1 | 1064.5 | 1062.9 | 1064.5 | 1062.9 | 1067.7 | 1072.5 | 1074.1 | 1070.9 |
| 30°    | 1032.8 | 1028.0 | 1029.6 | 1029.6 | 1031.2 | 1029.6 | 1028.0 | 1032.8 | 1034.4 | 1031.2 | 1032.8 |
| 32.5°  | 996.3  | 996.3  | 999.5  | 1001.1 | 1001.1 | 1002.7 | 1004.2 | 1001.1 | 1002.7 | 997.9  | 999.5  |
| 35°    | 966.2  | 969.3  | 972.5  | 974.1  | 975.7  | 974.1  | 977.3  | 975.7  | 972.5  | 969.3  | 967.8  |
| 37.5°  | 936.0  | 939.2  | 945.5  | 947.1  | 951.9  | 953.5  | 950.3  | 950.3  | 948.7  | 942.4  | 939.2  |
| 40°    | 904.3  | 907.5  | 915.4  | 920.2  | 923.3  | 928.1  | 924.9  | 924.9  | 918.6  | 912.2  | 907.5  |
| 42.5°  | 874.2  | 880.5  | 888.4  | 893.2  | 899.5  | 899.5  | 899.5  | 896.4  | 888.4  | 882.1  | 877.3  |
| 45°    | 844.0  | 845.6  | 856.7  | 864.6  | 871.0  | 871.0  | 871.0  | 866.2  | 861.5  | 848.8  | 842.4  |
| 47.5°  | 810.7  | 815.5  | 828.1  | 836.1  | 842.4  | 844.0  | 844.0  | 839.3  | 829.7  | 818.6  | 810.7  |
| 50°    | 774.2  | 782.1  | 796.4  | 807.5  | 815.5  | 818.6  | 813.9  | 810.7  | 799.6  | 786.9  | 777.4  |
| 52.5°  | 739.3  | 748.8  | 766.3  | 775.8  | 786.9  | 788.5  | 786.9  | 782.1  | 769.4  | 752.0  | 744.1  |
| 55°    | 704.4  | 712.3  | 731.4  | 747.2  | 756.8  | 759.9  | 756.8  | 748.8  | 733.0  | 715.5  | 707.6  |
| 57.5°  | 666.3  | 677.4  | 698.1  | 713.9  | 725.0  | 726.6  | 723.4  | 715.5  | 702.8  | 680.6  | 669.5  |
| 60°    | 626.7  | 640.9  | 661.6  | 677.4  | 691.7  | 693.3  | 690.1  | 679.0  | 663.2  | 640.9  | 631.4  |
| 62.5°  | 587.0  | 598.1  | 621.9  | 639.4  | 650.5  | 658.4  | 652.0  | 640.9  | 625.1  | 602.9  | 588.6  |
| 65°    | 541.0  | 556.9  | 577.5  | 593.3  | 606.0  | 607.6  | 604.5  | 594.9  | 577.5  | 553.7  | 542.6  |
| 67.5°  | 496.6  | 507.7  | 528.3  | 548.9  | 553.7  | 558.4  | 553.7  | 544.2  | 529.9  | 509.3  | 493.4  |
| 70°    | 442.6  | 452.1  | 477.5  | 491.8  | 498.2  | 502.9  | 499.7  | 490.2  | 477.5  | 458.5  | 445.8  |
| 72.5°  | 388.7  | 396.6  | 420.4  | 431.5  | 444.2  | 442.6  | 441.0  | 434.7  | 417.2  | 404.6  | 396.6  |
| 75°    | 331.6  | 341.1  | 357.0  | 371.2  | 376.0  | 376.0  | 376.0  | 371.2  | 360.1  | 339.5  | 331.6  |
| 77.5°  | 279.2  | 284.0  | 296.7  | 304.6  | 309.4  | 311.0  | 309.4  | 301.4  | 295.1  | 280.8  | 276.0  |
| 80°    | 214.2  | 226.9  | 236.4  | 238.0  | 244.3  | 244.3  | 244.3  | 241.1  | 234.8  | 220.5  | 218.9  |
| 82.5°  | 161.8  | 165.0  | 174.5  | 179.3  | 182.4  | 180.9  | 180.9  | 174.5  | 172.9  | 165.0  | 161.8  |
| 85°    | 109.5  | 114.2  | 112.6  | 119.0  | 120.6  | 117.4  | 117.4  | 120.6  | 112.6  | 114.2  | 109.5  |
| 87.5°  | 60.3   | 60.3   | 63.5   | 61.9   | 68.2   | 68.2   | 65.0   | 66.6   | 63.5   | 61.9   | 60.3   |
| 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°  | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   |
| 95°    | 27.4   | 27.5   | 27.7   | 28.0   | 28.2   | 28.4   | 28.2   | 28.0   | 27.7   | 27.5   | 27.4   |
| 97.5°  | 26.5   | 26.6   | 26.8   | 27.0   | 27.2   | 27.4   | 27.2   | 27.0   | 26.8   | 26.6   | 26.5   |
| 100°   | 26.5   | 26.6   | 26.8   | 27.0   | 27.2   | 27.4   | 27.2   | 27.0   | 26.8   | 26.6   | 26.5   |
| 102.5° | 28.4   | 28.4   | 28.4   | 28.4   | 28.4   | 28.4   | 28.4   | 28.4   | 28.4   | 28.4   | 28.4   |
| 105°   | 314.5  | 310.6  | 302.7  | 294.9  | 287.0  | 279.2  | 287.0  | 294.9  | 302.7  | 310.6  | 314.5  |
| 107.5° | 373.3  | 373.7  | 374.6  | 375.5  | 376.3  | 377.2  | 376.3  | 375.5  | 374.6  | 373.7  | 373.3  |
| 110°   | 434.0  | 434.3  | 435.0  | 435.7  | 436.3  | 437.0  | 436.3  | 435.7  | 435.0  | 434.3  | 434.0  |

TEST NUMBER: P1025029

CATALOG NUMBER: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 492.8  | 493.2  | 494.1  | 495.0  | 495.8  | 496.7  | 495.8  | 495.0  | 494.1  | 493.2  | 492.8  |
| 115°   | 554.5  | 554.5  | 554.5  | 554.5  | 554.5  | 554.5  | 554.5  | 554.5  | 554.5  | 554.5  | 554.5  |
| 117.5° | 614.3  | 614.3  | 614.3  | 614.3  | 614.3  | 614.3  | 614.3  | 614.3  | 614.3  | 614.3  | 614.3  |
| 120°   | 672.1  | 671.9  | 671.4  | 671.0  | 670.5  | 670.1  | 670.5  | 671.0  | 671.4  | 671.9  | 672.1  |
| 122.5° | 727.0  | 726.8  | 726.3  | 725.9  | 725.4  | 725.0  | 725.4  | 725.9  | 726.3  | 726.8  | 727.0  |
| 125°   | 778.9  | 779.0  | 779.2  | 779.5  | 779.7  | 779.9  | 779.7  | 779.5  | 779.2  | 779.0  | 778.9  |
| 127.5° | 828.9  | 828.8  | 828.6  | 828.3  | 828.1  | 827.9  | 828.1  | 828.3  | 828.6  | 828.8  | 828.9  |
| 130°   | 876.9  | 876.9  | 876.9  | 876.9  | 876.9  | 876.9  | 876.9  | 876.9  | 876.9  | 876.9  | 876.9  |
| 132.5° | 922.9  | 922.8  | 922.6  | 922.3  | 922.1  | 921.9  | 922.1  | 922.3  | 922.6  | 922.8  | 922.9  |
| 135°   | 965.0  | 965.2  | 965.7  | 966.1  | 966.6  | 967.0  | 966.6  | 966.1  | 965.7  | 965.2  | 965.0  |
| 137.5° | 1006.2 | 1006.1 | 1005.9 | 1005.6 | 1005.4 | 1005.2 | 1005.4 | 1005.6 | 1005.9 | 1006.1 | 1006.2 |
| 140°   | 1044.4 | 1044.5 | 1044.7 | 1045.0 | 1045.2 | 1045.4 | 1045.2 | 1045.0 | 1044.7 | 1044.5 | 1044.4 |
| 142.5° | 1078.7 | 1078.7 | 1078.7 | 1078.7 | 1078.7 | 1078.7 | 1078.7 | 1078.7 | 1078.7 | 1078.7 | 1078.7 |
| 145°   | 1111.0 | 1111.2 | 1111.7 | 1112.1 | 1112.6 | 1113.0 | 1112.6 | 1112.1 | 1111.7 | 1111.2 | 1111.0 |
| 147.5° | 1140.4 | 1140.5 | 1140.7 | 1141.0 | 1141.2 | 1141.4 | 1141.2 | 1141.0 | 1140.7 | 1140.5 | 1140.4 |
| 150°   | 1167.8 | 1167.9 | 1168.1 | 1168.4 | 1168.6 | 1168.8 | 1168.6 | 1168.4 | 1168.1 | 1167.9 | 1167.8 |
| 152.5° | 1193.3 | 1193.2 | 1193.0 | 1192.7 | 1192.5 | 1192.3 | 1192.5 | 1192.7 | 1193.0 | 1193.2 | 1193.3 |
| 155°   | 1215.8 | 1215.5 | 1214.8 | 1214.2 | 1213.5 | 1212.9 | 1213.5 | 1214.2 | 1214.8 | 1215.5 | 1215.8 |
| 157.5° | 1235.4 | 1234.9 | 1233.8 | 1232.7 | 1231.6 | 1230.5 | 1231.6 | 1232.7 | 1233.8 | 1234.9 | 1235.4 |
| 160°   | 1254.1 | 1253.4 | 1252.1 | 1250.8 | 1249.5 | 1248.2 | 1249.5 | 1250.8 | 1252.1 | 1253.4 | 1254.1 |
| 162.5° | 1268.8 | 1268.0 | 1266.5 | 1265.0 | 1263.4 | 1261.9 | 1263.4 | 1265.0 | 1266.5 | 1268.0 | 1268.8 |
| 165°   | 1283.4 | 1282.4 | 1280.5 | 1278.5 | 1276.6 | 1274.6 | 1276.6 | 1278.5 | 1280.5 | 1282.4 | 1283.4 |
| 167.5° | 1294.2 | 1293.1 | 1290.9 | 1288.8 | 1286.6 | 1284.4 | 1286.6 | 1288.8 | 1290.9 | 1293.1 | 1294.2 |
| 170°   | 1303.0 | 1301.9 | 1299.7 | 1297.6 | 1295.4 | 1293.2 | 1295.4 | 1297.6 | 1299.7 | 1301.9 | 1303.0 |
| 172.5° | 1308.9 | 1307.7 | 1305.3 | 1302.9 | 1300.5 | 1298.1 | 1300.5 | 1302.9 | 1305.3 | 1307.7 | 1308.9 |
| 175°   | 1313.8 | 1312.5 | 1309.9 | 1307.3 | 1304.7 | 1302.1 | 1304.7 | 1307.3 | 1309.9 | 1312.5 | 1313.8 |
| 177.5° | 1315.8 | 1314.5 | 1311.9 | 1309.2 | 1306.6 | 1304.0 | 1306.6 | 1309.2 | 1311.9 | 1314.5 | 1315.8 |
| 180°   | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 |

TEST NUMBER: P1025029

CATALOG NUMBER: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 1800.7 | 1810.2 | 1800.7 | 1807.0 | 1810.2 | 1818.1 | 1821.3 | 1835.6 | 1840.3 | 1851.4 | 1851.4 |
| 5°     | 1692.8 | 1697.5 | 1699.1 | 1705.5 | 1711.8 | 1727.7 | 1738.8 | 1759.4 | 1783.2 | 1786.4 | 1800.7 |
| 7.5°   | 1605.5 | 1613.5 | 1626.1 | 1621.4 | 1632.5 | 1656.3 | 1670.6 | 1696.0 | 1719.8 | 1732.4 | 1749.9 |
| 10°    | 1527.8 | 1537.3 | 1542.1 | 1546.8 | 1567.4 | 1588.1 | 1610.3 | 1627.7 | 1659.5 | 1678.5 | 1692.8 |
| 12.5°  | 1464.3 | 1456.4 | 1465.9 | 1483.4 | 1507.2 | 1519.9 | 1550.0 | 1577.0 | 1600.8 | 1621.4 | 1634.1 |
| 15°    | 1381.8 | 1388.2 | 1397.7 | 1427.8 | 1434.2 | 1465.9 | 1477.0 | 1507.2 | 1551.6 | 1570.6 | 1586.5 |
| 17.5°  | 1302.5 | 1323.1 | 1342.2 | 1353.3 | 1372.3 | 1397.7 | 1429.4 | 1462.7 | 1491.3 | 1513.5 | 1532.5 |
| 20°    | 1239.0 | 1259.7 | 1270.8 | 1278.7 | 1297.7 | 1332.6 | 1362.8 | 1404.0 | 1440.5 | 1458.0 | 1483.4 |
| 22.5°  | 1188.3 | 1188.3 | 1204.1 | 1227.9 | 1239.0 | 1272.4 | 1297.7 | 1342.2 | 1381.8 | 1404.0 | 1427.8 |
| 25°    | 1124.8 | 1134.3 | 1147.0 | 1167.7 | 1183.5 | 1210.5 | 1247.0 | 1285.1 | 1327.9 | 1346.9 | 1377.1 |
| 27.5°  | 1072.5 | 1083.6 | 1101.0 | 1105.8 | 1121.6 | 1145.4 | 1183.5 | 1224.8 | 1269.2 | 1289.8 | 1315.2 |
| 30°    | 1032.8 | 1039.1 | 1045.5 | 1055.0 | 1069.3 | 1089.9 | 1121.6 | 1158.1 | 1212.1 | 1227.9 | 1259.7 |
| 32.5°  | 997.9  | 1001.1 | 1004.2 | 1012.2 | 1020.1 | 1040.7 | 1066.1 | 1105.8 | 1150.2 | 1174.0 | 1202.6 |
| 35°    | 966.2  | 963.0  | 964.6  | 969.3  | 977.3  | 985.2  | 1012.2 | 1045.5 | 1086.7 | 1115.3 | 1137.5 |
| 37.5°  | 936.0  | 929.7  | 928.1  | 928.1  | 931.3  | 940.8  | 961.4  | 990.0  | 1034.4 | 1058.2 | 1080.4 |
| 40°    | 902.7  | 896.4  | 893.2  | 891.6  | 890.0  | 896.4  | 912.2  | 940.8  | 975.7  | 997.9  | 1023.3 |
| 42.5°  | 871.0  | 864.6  | 856.7  | 855.1  | 851.9  | 855.1  | 866.2  | 893.2  | 923.3  | 945.5  | 966.2  |
| 45°    | 839.3  | 828.1  | 818.6  | 812.3  | 813.9  | 809.1  | 817.0  | 837.7  | 872.6  | 886.8  | 907.5  |
| 47.5°  | 804.3  | 791.7  | 779.0  | 772.6  | 766.3  | 769.4  | 772.6  | 790.1  | 820.2  | 834.5  | 855.1  |
| 50°    | 771.0  | 753.6  | 739.3  | 731.4  | 726.6  | 723.4  | 726.6  | 744.1  | 766.3  | 779.0  | 796.4  |
| 52.5°  | 733.0  | 715.5  | 701.2  | 688.5  | 682.2  | 677.4  | 679.0  | 694.9  | 715.5  | 728.2  | 745.6  |
| 55°    | 698.1  | 675.8  | 656.8  | 640.9  | 636.2  | 634.6  | 633.0  | 644.1  | 661.6  | 674.3  | 688.5  |
| 57.5°  | 658.4  | 636.2  | 615.6  | 596.5  | 587.0  | 585.4  | 585.4  | 588.6  | 610.8  | 620.3  | 628.2  |
| 60°    | 618.7  | 594.9  | 572.7  | 555.3  | 541.0  | 536.2  | 534.6  | 541.0  | 552.1  | 561.6  | 572.7  |
| 62.5°  | 574.3  | 550.5  | 523.5  | 507.7  | 493.4  | 480.7  | 485.5  | 487.1  | 502.9  | 507.7  | 517.2  |
| 65°    | 531.5  | 504.5  | 482.3  | 456.9  | 441.0  | 433.1  | 429.9  | 433.1  | 445.8  | 447.4  | 453.7  |
| 67.5°  | 482.3  | 456.9  | 429.9  | 412.5  | 398.2  | 383.9  | 380.8  | 380.8  | 387.1  | 391.9  | 399.8  |
| 70°    | 434.7  | 409.3  | 379.2  | 360.1  | 345.9  | 333.2  | 328.4  | 326.8  | 331.6  | 334.7  | 342.7  |
| 72.5°  | 379.2  | 353.8  | 331.6  | 311.0  | 293.5  | 284.0  | 279.2  | 276.0  | 280.8  | 284.0  | 285.6  |
| 75°    | 320.5  | 299.8  | 277.6  | 257.0  | 245.9  | 236.4  | 230.0  | 225.3  | 228.5  | 228.5  | 228.5  |
| 77.5°  | 264.9  | 244.3  | 226.9  | 212.6  | 198.3  | 187.2  | 182.4  | 177.7  | 179.3  | 179.3  | 182.4  |
| 80°    | 206.2  | 192.0  | 177.7  | 165.0  | 152.3  | 142.8  | 139.6  | 134.9  | 131.7  | 130.1  | 130.1  |
| 82.5°  | 152.3  | 141.2  | 128.5  | 117.4  | 111.1  | 101.5  | 98.4   | 92.0   | 92.0   | 90.4   | 90.4   |
| 85°    | 101.5  | 95.2   | 82.5   | 74.6   | 69.8   | 65.0   | 61.9   | 58.7   | 53.9   | 53.9   | 52.4   |
| 87.5°  | 53.9   | 50.8   | 47.6   | 38.1   | 38.1   | 33.3   | 31.7   | 30.1   | 25.4   | 27.0   | 27.0   |
| 90°    | 26.8   | 25.5   | 24.2   | 22.9   | 21.6   | 19.8   | 18.1   | 16.3   | 14.6   | 13.7   | 12.5   |
| 92.5°  | 25.8   | 24.5   | 23.2   | 21.9   | 20.6   | 18.8   | 17.1   | 15.3   | 13.6   | 12.7   | 12.9   |
| 95°    | 26.8   | 25.5   | 24.2   | 22.9   | 21.6   | 21.4   | 21.2   | 20.9   | 20.7   | 20.6   | 24.3   |
| 97.5°  | 26.0   | 24.9   | 23.8   | 22.7   | 21.6   | 44.4   | 67.3   | 90.1   | 113.0  | 124.4  | 122.0  |
| 100°   | 28.3   | 32.0   | 35.7   | 39.4   | 43.1   | 73.1   | 103.2  | 133.2  | 163.3  | 178.3  | 176.3  |
| 102.5° | 52.9   | 101.9  | 150.9  | 199.9  | 248.9  | 246.3  | 243.7  | 241.0  | 238.4  | 237.1  | 235.8  |
| 105°   | 313.5  | 311.6  | 309.6  | 307.7  | 305.7  | 304.6  | 303.5  | 302.4  | 301.3  | 300.8  | 300.1  |
| 107.5° | 372.8  | 371.7  | 370.6  | 369.5  | 368.4  | 366.9  | 365.3  | 363.8  | 362.3  | 361.5  | 361.2  |
| 110°   | 433.8  | 433.4  | 432.9  | 432.5  | 432.1  | 430.8  | 429.5  | 428.2  | 426.9  | 426.2  | 425.9  |

TEST NUMBER: P1025029

CATALOG NUMBER: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 492.9  | 493.1  | 493.4  | 493.6  | 493.8  | 493.4  | 492.9  | 492.5  | 492.0  | 491.8  | 491.1  |
| 115°   | 554.3  | 553.9  | 553.4  | 553.0  | 552.6  | 552.8  | 553.0  | 553.2  | 553.4  | 553.5  | 553.2  |
| 117.5° | 614.4  | 614.6  | 614.9  | 615.1  | 615.3  | 614.6  | 614.0  | 613.3  | 612.6  | 612.3  | 611.9  |
| 120°   | 671.9  | 671.4  | 671.0  | 670.5  | 670.1  | 670.3  | 670.5  | 670.8  | 671.0  | 671.1  | 670.7  |
| 122.5° | 726.9  | 726.7  | 726.4  | 726.2  | 726.0  | 725.6  | 725.1  | 724.7  | 724.2  | 724.0  | 723.8  |
| 125°   | 778.6  | 777.9  | 777.2  | 776.6  | 775.9  | 776.3  | 776.8  | 777.2  | 777.7  | 777.9  | 777.5  |
| 127.5° | 829.0  | 829.2  | 829.4  | 829.6  | 829.8  | 828.7  | 827.6  | 826.5  | 825.4  | 824.9  | 824.8  |
| 130°   | 876.8  | 876.6  | 876.3  | 876.1  | 875.9  | 875.2  | 874.6  | 873.9  | 873.2  | 872.9  | 872.8  |
| 132.5° | 922.8  | 922.6  | 922.3  | 922.1  | 921.9  | 921.0  | 920.2  | 919.3  | 918.4  | 918.0  | 917.8  |
| 135°   | 964.8  | 964.4  | 963.9  | 963.5  | 963.1  | 962.2  | 961.4  | 960.5  | 959.6  | 959.2  | 959.3  |
| 137.5° | 1006.0 | 1005.5 | 1005.1 | 1004.6 | 1004.2 | 1003.1 | 1002.0 | 1000.9 | 999.8  | 999.3  | 999.3  |
| 140°   | 1044.1 | 1043.4 | 1042.8 | 1042.1 | 1041.5 | 1041.1 | 1040.6 | 1040.2 | 1039.7 | 1039.5 | 1039.3 |
| 142.5° | 1078.5 | 1078.0 | 1077.6 | 1077.1 | 1076.7 | 1076.5 | 1076.3 | 1076.0 | 1075.8 | 1075.7 | 1075.3 |
| 145°   | 1110.9 | 1110.7 | 1110.4 | 1110.2 | 1110.0 | 1110.0 | 1110.0 | 1110.0 | 1110.0 | 1110.0 | 1109.7 |
| 147.5° | 1140.3 | 1140.1 | 1139.8 | 1139.6 | 1139.4 | 1139.6 | 1139.8 | 1140.1 | 1140.3 | 1140.4 | 1139.7 |
| 150°   | 1167.8 | 1167.8 | 1167.8 | 1167.8 | 1167.8 | 1168.0 | 1168.2 | 1168.5 | 1168.7 | 1168.8 | 1168.4 |
| 152.5° | 1193.1 | 1192.7 | 1192.2 | 1191.8 | 1191.4 | 1191.8 | 1192.2 | 1192.7 | 1193.1 | 1193.3 | 1193.0 |
| 155°   | 1215.4 | 1214.5 | 1213.6 | 1212.8 | 1211.9 | 1212.6 | 1213.2 | 1213.9 | 1214.6 | 1214.9 | 1214.8 |
| 157.5° | 1234.9 | 1233.8 | 1232.7 | 1231.6 | 1230.5 | 1231.4 | 1232.3 | 1233.2 | 1234.1 | 1234.5 | 1234.5 |
| 160°   | 1253.4 | 1252.1 | 1250.8 | 1249.5 | 1248.2 | 1248.4 | 1248.6 | 1248.9 | 1249.1 | 1249.2 | 1249.5 |
| 162.5° | 1268.1 | 1266.8 | 1265.5 | 1264.2 | 1262.9 | 1263.1 | 1263.3 | 1263.6 | 1263.8 | 1263.9 | 1264.3 |
| 165°   | 1282.5 | 1280.8 | 1279.1 | 1277.3 | 1275.6 | 1275.6 | 1275.6 | 1275.6 | 1275.6 | 1275.6 | 1276.1 |
| 167.5° | 1293.2 | 1291.3 | 1289.3 | 1287.4 | 1285.4 | 1285.6 | 1285.8 | 1286.1 | 1286.3 | 1286.4 | 1286.9 |
| 170°   | 1302.1 | 1300.4 | 1298.7 | 1296.9 | 1295.2 | 1295.0 | 1294.8 | 1294.5 | 1294.3 | 1294.2 | 1294.9 |
| 172.5° | 1308.0 | 1306.3 | 1304.6 | 1302.8 | 1301.1 | 1300.9 | 1300.7 | 1300.4 | 1300.2 | 1300.1 | 1300.8 |
| 175°   | 1312.8 | 1310.9 | 1308.9 | 1307.0 | 1305.0 | 1304.8 | 1304.6 | 1304.3 | 1304.1 | 1304.0 | 1304.7 |
| 177.5° | 1314.9 | 1313.2 | 1311.4 | 1309.7 | 1307.9 | 1307.5 | 1307.1 | 1306.6 | 1306.2 | 1306.0 | 1306.8 |
| 180°   | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 | 1309.9 |

TEST NUMBER: P1025029

CATALOG NUMBER: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1914.9 | 1914.9 | 1914.9 | 1914.9 |
| 2.5°   | 1862.5 | 1878.4 | 1892.7 | 1914.9 |
| 5°     | 1821.3 | 1843.5 | 1873.6 | 1907.0 |
| 7.5°   | 1773.7 | 1808.6 | 1848.3 | 1894.3 |
| 10°    | 1729.3 | 1768.9 | 1819.7 | 1875.2 |
| 12.5°  | 1683.3 | 1730.9 | 1786.4 | 1846.7 |
| 15°    | 1630.9 | 1678.5 | 1740.4 | 1821.3 |
| 17.5°  | 1583.3 | 1640.4 | 1707.1 | 1792.7 |
| 20°    | 1527.8 | 1581.7 | 1654.7 | 1753.1 |
| 22.5°  | 1478.6 | 1540.5 | 1621.4 | 1707.1 |
| 25°    | 1424.7 | 1478.6 | 1559.5 | 1662.6 |
| 27.5°  | 1370.7 | 1437.4 | 1515.1 | 1615.0 |
| 30°    | 1318.4 | 1373.9 | 1458.0 | 1562.7 |
| 32.5°  | 1261.3 | 1327.9 | 1405.6 | 1504.0 |
| 35°    | 1199.4 | 1262.8 | 1335.8 | 1442.1 |
| 37.5°  | 1143.9 | 1205.7 | 1280.3 | 1373.9 |
| 40°    | 1082.0 | 1147.0 | 1215.2 | 1308.9 |
| 42.5°  | 1021.7 | 1080.4 | 1148.6 | 1234.3 |
| 45°    | 963.0  | 1013.8 | 1075.6 | 1150.2 |
| 47.5°  | 902.7  | 945.5  | 1002.7 | 1069.3 |
| 50°    | 837.7  | 883.7  | 926.5  | 982.0  |
| 52.5°  | 777.4  | 817.0  | 851.9  | 898.0  |
| 55°    | 718.7  | 745.6  | 774.2  | 809.1  |
| 57.5°  | 656.8  | 677.4  | 698.1  | 734.5  |
| 60°    | 594.9  | 614.0  | 625.1  | 648.9  |
| 62.5°  | 534.6  | 542.6  | 556.9  | 571.1  |
| 65°    | 468.0  | 479.1  | 487.1  | 504.5  |
| 67.5°  | 407.7  | 412.5  | 420.4  | 431.5  |
| 70°    | 344.3  | 355.4  | 358.5  | 366.5  |
| 72.5°  | 290.3  | 295.1  | 298.3  | 299.8  |
| 75°    | 230.0  | 234.8  | 238.0  | 247.5  |
| 77.5°  | 180.9  | 179.3  | 185.6  | 187.2  |
| 80°    | 133.3  | 128.5  | 130.1  | 136.4  |
| 82.5°  | 87.3   | 88.8   | 87.3   | 87.3   |
| 85°    | 53.9   | 52.4   | 49.2   | 50.8   |
| 87.5°  | 23.8   | 23.8   | 22.2   | 22.2   |
| 90°    | 10.1   | 7.7    | 5.3    | 2.9    |
| 92.5°  | 13.4   | 13.8   | 14.3   | 14.7   |
| 95°    | 31.7   | 39.1   | 46.5   | 53.9   |
| 97.5°  | 117.2  | 112.5  | 107.7  | 102.9  |
| 100°   | 172.4  | 168.5  | 164.6  | 160.7  |
| 102.5° | 233.2  | 230.5  | 227.9  | 225.3  |
| 105°   | 298.8  | 297.5  | 296.2  | 294.9  |
| 107.5° | 360.5  | 359.9  | 359.2  | 358.6  |
| 110°   | 425.2  | 424.5  | 423.9  | 423.2  |

TEST NUMBER: P1025029

CATALOG NUMBER: S124DIP-B1195D1035UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 489.8  | 488.5  | 487.2  | 485.9  |
| 115°   | 552.5  | 551.9  | 551.2  | 550.6  |
| 117.5° | 611.0  | 610.1  | 609.3  | 608.4  |
| 120°   | 669.8  | 668.9  | 668.1  | 667.2  |
| 122.5° | 723.4  | 722.9  | 722.5  | 722.1  |
| 125°   | 776.6  | 775.7  | 774.9  | 774.0  |
| 127.5° | 824.6  | 824.4  | 824.2  | 824.0  |
| 130°   | 872.6  | 872.4  | 872.2  | 872.0  |
| 132.5° | 917.3  | 916.9  | 916.4  | 916.0  |
| 135°   | 959.5  | 959.7  | 959.9  | 960.1  |
| 137.5° | 999.3  | 999.3  | 999.3  | 999.3  |
| 140°   | 1038.8 | 1038.4 | 1037.9 | 1037.5 |
| 142.5° | 1074.4 | 1073.5 | 1072.7 | 1071.8 |
| 145°   | 1109.0 | 1108.4 | 1107.7 | 1107.1 |
| 147.5° | 1138.4 | 1137.1 | 1135.8 | 1134.5 |
| 150°   | 1167.5 | 1166.6 | 1165.8 | 1164.9 |
| 152.5° | 1192.3 | 1191.7 | 1191.0 | 1190.4 |
| 155°   | 1214.6 | 1214.3 | 1214.1 | 1213.9 |
| 157.5° | 1234.5 | 1234.5 | 1234.5 | 1234.5 |
| 160°   | 1250.2 | 1250.8 | 1251.5 | 1252.1 |
| 162.5° | 1265.2 | 1266.1 | 1266.9 | 1267.8 |
| 165°   | 1277.2 | 1278.3 | 1279.4 | 1280.5 |
| 167.5° | 1288.0 | 1289.1 | 1290.2 | 1291.3 |
| 170°   | 1296.2 | 1297.5 | 1298.8 | 1300.1 |
| 172.5° | 1302.1 | 1303.4 | 1304.7 | 1306.0 |
| 175°   | 1306.0 | 1307.3 | 1308.6 | 1309.9 |
| 177.5° | 1308.3 | 1309.8 | 1311.3 | 1312.8 |
| 180°   | 1309.9 | 1309.9 | 1309.9 | 1309.9 |

(END OF REPORT)