

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: P1000808

Luminaire Tested: SA4XXDIP-B1195D1035UB27-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1000808  
REPORT IS A COMBINATION OF REPORTS P995421 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: SA4XXDIP-B1195D1035UB27-4F0-XX-W2A-A4  
Description: Define 4 Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

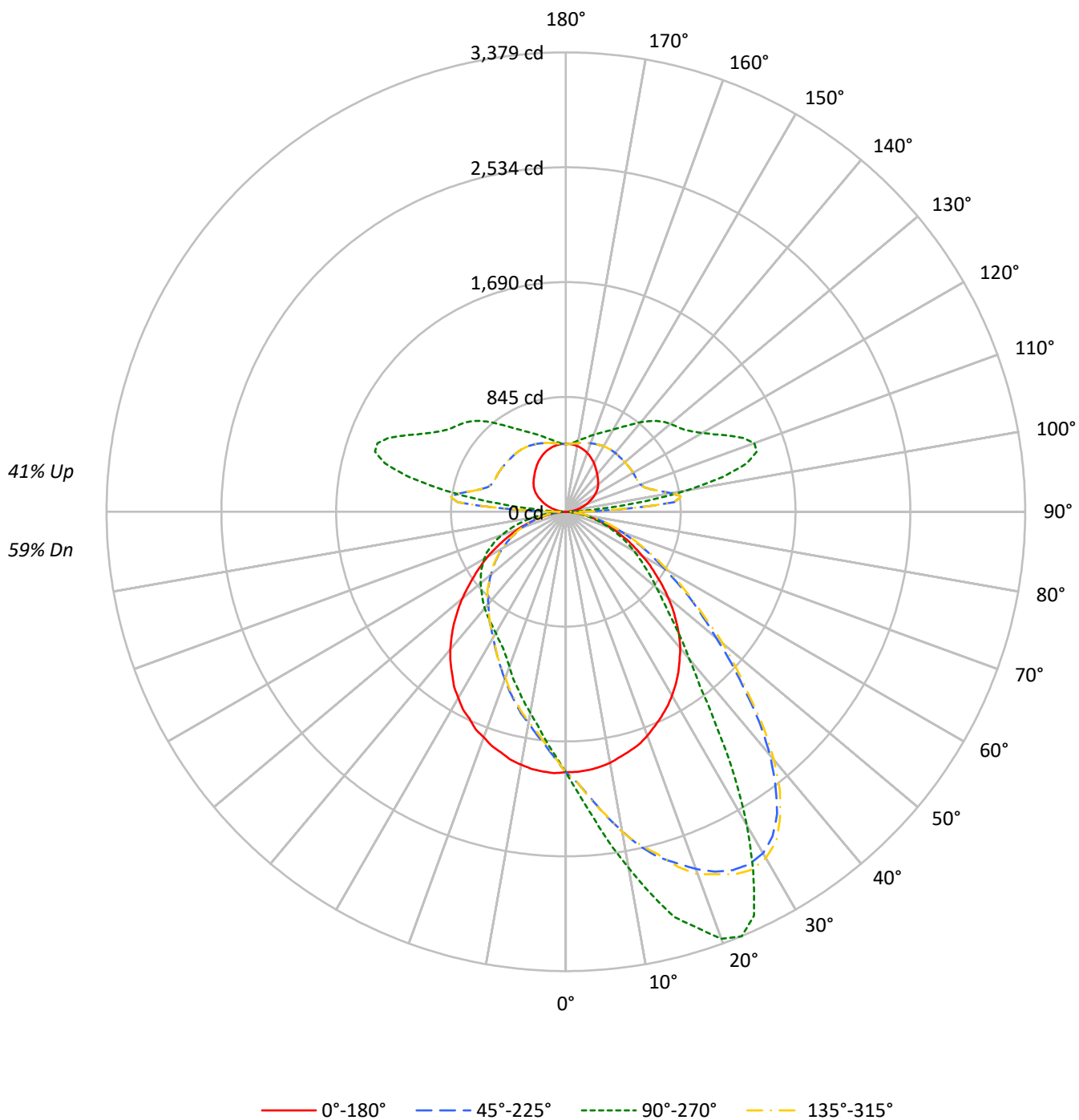
Lumens per Lamp: N/A  
Luminaire Lumens: 8918.0 lumens  
Efficiency: N/A  
Efficacy: 99.3 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

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

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### Luminous Intensity Polar Plot



TEST NUMBER: P1000808

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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 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 76 | 76 | 76 | 65 | 65 | 65 |
| 1   | 100 | 96  | 92  | 89  | 93  | 90  | 86  | 83  | 78 | 76 | 73 | 67 | 66 | 64 | 58 | 56 | 55 |
| 2   | 91  | 84  | 78  | 73  | 85  | 79  | 73  | 69  | 69 | 65 | 61 | 60 | 56 | 54 | 51 | 49 | 47 |
| 3   | 84  | 74  | 67  | 61  | 78  | 70  | 63  | 58  | 61 | 56 | 52 | 53 | 49 | 46 | 45 | 43 | 40 |
| 4   | 77  | 66  | 58  | 52  | 71  | 62  | 55  | 49  | 54 | 49 | 44 | 47 | 43 | 40 | 41 | 38 | 35 |
| 5   | 70  | 59  | 51  | 45  | 66  | 55  | 48  | 43  | 49 | 43 | 38 | 43 | 38 | 34 | 37 | 33 | 31 |
| 6   | 65  | 53  | 45  | 39  | 61  | 50  | 43  | 37  | 44 | 38 | 34 | 39 | 34 | 30 | 34 | 30 | 27 |
| 7   | 60  | 48  | 40  | 34  | 56  | 45  | 38  | 33  | 40 | 34 | 30 | 35 | 30 | 27 | 31 | 27 | 24 |
| 8   | 56  | 44  | 36  | 30  | 52  | 41  | 34  | 29  | 37 | 31 | 27 | 32 | 28 | 24 | 28 | 24 | 22 |
| 9   | 52  | 40  | 32  | 27  | 49  | 38  | 31  | 26  | 34 | 28 | 24 | 30 | 25 | 22 | 26 | 22 | 20 |
| 10  | 49  | 37  | 29  | 25  | 46  | 35  | 28  | 24  | 31 | 25 | 22 | 28 | 23 | 20 | 24 | 21 | 18 |

**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  | 2.1       |
| 10°-20°   | 575.2  | 6.5       |
| 20°-30°   | 913.8  | 10.2      |
| 30°-40°   | 1015.4 | 11.4      |
| 40°-50°   | 923.4  | 10.4      |
| 50°-60°   | 754.6  | 8.5       |
| 60°-70°   | 538.6  | 6.0       |
| 70°-80°   | 296.4  | 3.3       |
| 80°-90°   | 82.1   | 0.9       |
| 90°-100°  | 361.4  | 4.1       |
| 100°-110° | 754.6  | 8.5       |
| 110°-120° | 670.7  | 7.5       |
| 120°-130° | 564.6  | 6.3       |
| 130°-140° | 471.1  | 5.3       |
| 140°-150° | 359.7  | 4.0       |
| 150°-160° | 252.9  | 2.8       |
| 160°-170° | 148.7  | 1.7       |
| 170°-180° | 48.4   | 0.5       |
| 0°-30°    | 1675.4 | 18.8      |
| 0°-40°    | 2690.8 | 30.2      |
| 0°-60°    | 4368.8 | 49.0      |
| 0°-90°    | 5286.0 | 59.3      |
| 90°-120°  | 1786.7 | 20.0      |
| 90°-150°  | 3182.1 | 35.7      |
| 90°-180°  | 3632.0 | 40.7      |
| 0°-180°   | 8918.0 | 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°  | 1    | 21   | 1    | 21   | 1    | 5    |
| 95°  | 32   | 239  | 32   | 239  | 32   | 35   |
| 105° | 115  | 1378 | 115  | 1378 | 115  | 122  |
| 115° | 202  | 1324 | 202  | 1324 | 202  | 200  |
| 125° | 281  | 1056 | 281  | 1056 | 281  | 251  |
| 135° | 334  | 944  | 334  | 944  | 334  | 258  |
| 145° | 385  | 771  | 385  | 771  | 385  | 242  |
| 155° | 438  | 646  | 438  | 646  | 438  | 202  |
| 165° | 477  | 563  | 477  | 563  | 477  | 135  |
| 175° | 498  | 508  | 498  | 508  | 498  | 47   |
| 180° | 499  | 499  | 499  | 499  | 499  |      |

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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°    | 1.0    | 2.9    | 5.9    | 6.9    | 7.8    | 7.8    | 7.8    | 13.7   | 13.7   | 15.7   | 17.6   |
| 92.5°  | 13.7   | 19.6   | 30.4   | 45.1   | 62.7   | 75.4   | 88.2   | 148.9  | 244.0  | 336.0  | 384.1  |
| 95°    | 32.3   | 35.3   | 45.1   | 57.8   | 81.3   | 101.9  | 122.5  | 207.7  | 368.4  | 602.5  | 798.5  |
| 97.5°  | 53.9   | 53.9   | 62.7   | 74.5   | 95.0   | 112.6  | 130.3  | 197.9  | 336.0  | 577.1  | 854.3  |
| 100°   | 74.5   | 74.5   | 81.3   | 93.1   | 111.7  | 127.4  | 143.0  | 200.8  | 311.6  | 511.4  | 787.7  |
| 102.5° | 94.1   | 96.0   | 101.9  | 112.7  | 130.3  | 145.0  | 159.7  | 210.6  | 304.7  | 467.3  | 704.4  |
| 105°   | 114.6  | 117.6  | 122.5  | 134.2  | 151.9  | 166.1  | 180.3  | 227.3  | 308.6  | 445.8  | 642.7  |
| 107.5° | 137.2  | 139.1  | 144.0  | 156.8  | 173.4  | 187.6  | 201.8  | 244.9  | 320.4  | 439.9  | 602.5  |
| 110°   | 159.7  | 161.7  | 166.6  | 178.3  | 195.9  | 209.2  | 222.4  | 265.5  | 334.1  | 441.9  | 583.9  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.3 | 183.2 | 189.1 | 199.9 | 217.5 | 230.8 | 244.0 | 285.1 | 348.8 | 447.7 | 575.1 |
| 115°   | 201.8 | 204.8 | 211.6 | 221.4 | 240.0 | 253.2 | 266.5 | 305.7 | 364.5 | 455.6 | 573.1 |
| 117.5° | 223.4 | 226.3 | 232.2 | 243.0 | 260.6 | 274.3 | 288.0 | 325.3 | 380.1 | 463.4 | 572.2 |
| 120°   | 244.9 | 246.9 | 253.8 | 264.5 | 281.2 | 294.9 | 308.6 | 345.8 | 396.8 | 472.2 | 572.2 |
| 122.5° | 264.5 | 266.5 | 273.3 | 283.1 | 301.8 | 315.0 | 328.2 | 365.4 | 412.5 | 481.0 | 571.2 |
| 125°   | 281.2 | 285.1 | 291.0 | 301.8 | 320.4 | 334.1 | 347.8 | 383.1 | 428.1 | 489.9 | 570.2 |
| 127.5° | 296.9 | 299.8 | 306.7 | 318.4 | 338.0 | 351.7 | 365.4 | 399.7 | 441.9 | 496.7 | 568.2 |
| 130°   | 309.6 | 313.5 | 321.4 | 336.0 | 354.7 | 368.9 | 383.1 | 416.4 | 454.6 | 504.6 | 567.3 |
| 132.5° | 322.3 | 325.3 | 336.0 | 349.8 | 370.3 | 383.6 | 396.8 | 430.1 | 467.3 | 511.4 | 566.3 |
| 135°   | 334.1 | 338.0 | 347.8 | 364.5 | 385.0 | 397.8 | 410.5 | 442.8 | 478.1 | 518.3 | 565.3 |
| 137.5° | 345.8 | 349.8 | 360.5 | 376.2 | 397.8 | 410.0 | 422.3 | 452.6 | 485.9 | 522.2 | 565.3 |
| 140°   | 358.6 | 361.5 | 372.3 | 389.0 | 409.5 | 421.2 | 433.0 | 462.4 | 493.8 | 527.1 | 564.3 |
| 142.5° | 372.3 | 375.2 | 385.0 | 400.7 | 420.3 | 431.6 | 442.8 | 471.3 | 499.7 | 531.0 | 564.3 |
| 145°   | 385.0 | 388.0 | 397.8 | 411.5 | 430.1 | 440.9 | 451.7 | 477.1 | 503.6 | 532.0 | 562.4 |
| 147.5° | 399.7 | 400.7 | 409.5 | 424.2 | 439.9 | 449.7 | 459.5 | 484.0 | 507.5 | 533.0 | 559.4 |
| 150°   | 413.4 | 414.4 | 422.3 | 434.0 | 448.7 | 458.0 | 467.3 | 488.9 | 510.4 | 533.0 | 556.5 |
| 152.5° | 426.2 | 426.2 | 434.0 | 444.8 | 457.5 | 465.8 | 474.2 | 492.8 | 512.4 | 531.0 | 551.6 |
| 155°   | 437.9 | 438.9 | 444.8 | 454.6 | 465.4 | 472.8 | 480.1 | 496.7 | 513.4 | 529.1 | 546.7 |
| 157.5° | 449.7 | 449.7 | 455.6 | 463.4 | 473.2 | 479.1 | 485.0 | 499.7 | 513.4 | 527.1 | 541.8 |
| 160°   | 460.5 | 460.5 | 464.4 | 471.3 | 479.1 | 484.5 | 489.9 | 501.6 | 513.4 | 524.2 | 535.9 |
| 162.5° | 470.3 | 469.3 | 472.2 | 478.1 | 485.0 | 488.9 | 492.8 | 503.6 | 513.4 | 521.2 | 530.0 |
| 165°   | 477.1 | 477.1 | 479.1 | 484.0 | 488.9 | 491.8 | 494.8 | 503.6 | 511.4 | 517.3 | 524.2 |
| 167.5° | 485.0 | 484.0 | 485.0 | 488.9 | 491.8 | 494.2 | 496.7 | 503.6 | 509.5 | 513.4 | 518.3 |
| 170°   | 489.9 | 488.9 | 489.9 | 492.8 | 494.8 | 496.2 | 497.7 | 502.6 | 507.5 | 509.5 | 512.4 |
| 172.5° | 494.8 | 493.8 | 493.8 | 495.7 | 496.7 | 497.7 | 498.7 | 501.6 | 505.5 | 505.5 | 506.5 |
| 175°   | 497.7 | 496.7 | 496.7 | 497.7 | 498.7 | 498.7 | 498.7 | 500.6 | 503.6 | 502.6 | 502.6 |
| 177.5° | 499.7 | 498.7 | 497.7 | 498.7 | 498.7 | 498.7 | 498.7 | 499.7 | 501.6 | 499.7 | 499.7 |
| 180°   | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 |

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**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°    | 16.7   | 17.6   | 18.6   | 19.6   | 19.6   | 19.6   | 20.6   | 21.6   | 20.6   | 20.6   | 20.6   |
| 92.5°  | 319.4  | 236.1  | 176.4  | 139.1  | 126.8  | 114.6  | 99.9   | 93.1   | 89.2   | 89.2   | 89.2   |
| 95°    | 821.0  | 726.0  | 574.1  | 442.8  | 395.3  | 347.8  | 299.8  | 269.4  | 251.8  | 239.1  | 251.8  |
| 97.5°  | 1029.7 | 1045.4 | 969.9  | 862.2  | 807.3  | 752.4  | 685.8  | 627.0  | 597.6  | 574.1  | 597.6  |
| 100°   | 1038.5 | 1181.6 | 1201.2 | 1153.1 | 1116.8 | 1080.6 | 995.4  | 935.6  | 906.3  | 898.4  | 906.3  |
| 102.5° | 965.0  | 1174.7 | 1291.3 | 1320.7 | 1310.9 | 1301.1 | 1257.0 | 1217.8 | 1186.5 | 1180.6 | 1186.5 |
| 105°   | 872.9  | 1097.3 | 1266.8 | 1363.8 | 1383.9 | 1404.0 | 1405.9 | 1398.1 | 1384.4 | 1378.5 | 1384.4 |
| 107.5° | 797.5  | 1002.3 | 1185.5 | 1320.7 | 1361.8 | 1403.0 | 1446.1 | 1463.7 | 1471.6 | 1472.5 | 1471.6 |
| 110°   | 743.6  | 918.0  | 1087.5 | 1229.6 | 1283.4 | 1337.3 | 1406.9 | 1448.0 | 1465.7 | 1474.5 | 1465.7 |



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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 713.2 | 856.3 | 1001.3 | 1133.5 | 1187.4 | 1241.3 | 1322.6 | 1374.6 | 1401.0 | 1416.7 | 1401.0 |
| 115°   | 696.6 | 819.1 | 939.6  | 1054.2 | 1101.2 | 1148.2 | 1225.6 | 1284.4 | 1315.8 | 1323.6 | 1315.8 |
| 117.5° | 687.8 | 797.5 | 899.4  | 992.5  | 1033.6 | 1074.8 | 1143.3 | 1194.3 | 1227.6 | 1232.5 | 1227.6 |
| 120°   | 680.9 | 783.8 | 874.9  | 953.3  | 988.0  | 1022.8 | 1078.7 | 1121.8 | 1147.3 | 1158.0 | 1147.3 |
| 122.5° | 673.1 | 772.0 | 859.2  | 928.8  | 958.2  | 987.6  | 1032.6 | 1067.9 | 1088.5 | 1099.3 | 1088.5 |
| 125°   | 664.3 | 758.3 | 842.6  | 910.2  | 937.2  | 964.1  | 1003.2 | 1031.7 | 1050.3 | 1056.2 | 1050.3 |
| 127.5° | 652.5 | 742.6 | 824.0  | 891.6  | 917.0  | 942.5  | 981.7  | 1007.2 | 1022.8 | 1028.7 | 1022.8 |
| 130°   | 641.7 | 723.0 | 800.4  | 867.1  | 893.0  | 919.0  | 959.2  | 983.7  | 999.3  | 1005.2 | 999.3  |
| 132.5° | 631.9 | 702.5 | 774.0  | 838.7  | 864.6  | 890.6  | 929.8  | 958.2  | 972.9  | 978.8  | 972.9  |
| 135°   | 622.1 | 683.9 | 747.5  | 807.3  | 831.8  | 856.3  | 895.5  | 922.9  | 938.6  | 944.5  | 938.6  |
| 137.5° | 613.3 | 666.2 | 722.1  | 774.0  | 796.6  | 819.1  | 856.3  | 884.7  | 897.4  | 904.3  | 897.4  |
| 140°   | 606.5 | 651.5 | 697.6  | 741.7  | 762.2  | 782.8  | 817.1  | 838.7  | 852.4  | 860.2  | 852.4  |
| 142.5° | 600.6 | 637.8 | 677.0  | 713.2  | 730.4  | 747.5  | 776.9  | 796.5  | 808.3  | 813.2  | 808.3  |
| 145°   | 593.7 | 625.1 | 658.4  | 687.8  | 701.5  | 715.2  | 739.7  | 756.4  | 766.2  | 771.0  | 766.2  |
| 147.5° | 587.8 | 614.3 | 641.7  | 666.2  | 677.5  | 688.8  | 707.4  | 722.1  | 729.9  | 731.9  | 729.9  |
| 150°   | 581.0 | 604.5 | 627.0  | 646.6  | 655.4  | 664.3  | 679.9  | 692.7  | 698.5  | 699.5  | 698.5  |
| 152.5° | 573.1 | 593.7 | 612.3  | 630.0  | 636.8  | 643.7  | 656.4  | 666.2  | 669.2  | 670.1  | 669.2  |
| 155°   | 565.3 | 582.9 | 598.6  | 613.3  | 619.2  | 625.1  | 634.9  | 642.7  | 645.6  | 645.6  | 645.6  |
| 157.5° | 557.5 | 571.2 | 584.9  | 597.6  | 602.5  | 607.4  | 615.3  | 621.1  | 623.1  | 623.1  | 623.1  |
| 160°   | 548.6 | 560.4 | 571.2  | 582.0  | 585.9  | 589.8  | 595.7  | 601.6  | 602.5  | 602.5  | 602.5  |
| 162.5° | 540.8 | 549.6 | 558.4  | 566.3  | 569.7  | 573.1  | 577.1  | 582.9  | 583.9  | 582.9  | 583.9  |
| 165°   | 532.0 | 539.8 | 545.7  | 552.6  | 555.0  | 557.5  | 561.4  | 565.3  | 564.3  | 563.3  | 564.3  |
| 167.5° | 524.2 | 530.0 | 534.9  | 540.8  | 542.3  | 543.8  | 545.7  | 548.6  | 548.6  | 547.7  | 548.6  |
| 170°   | 516.3 | 521.2 | 524.2  | 528.1  | 529.6  | 531.0  | 533.0  | 534.0  | 533.0  | 533.0  | 533.0  |
| 172.5° | 509.5 | 513.4 | 515.3  | 517.3  | 518.3  | 519.3  | 520.2  | 521.2  | 520.2  | 518.3  | 520.2  |
| 175°   | 504.6 | 506.5 | 507.5  | 509.5  | 509.5  | 509.5  | 509.5  | 511.4  | 509.5  | 507.5  | 509.5  |
| 177.5° | 500.6 | 501.6 | 502.6  | 502.6  | 503.1  | 503.6  | 502.6  | 503.6  | 501.6  | 499.7  | 501.6  |
| 180°   | 498.7 | 498.7 | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  |

TEST NUMBER: P1000808

CATALOG NUMBER: SA4XXDIP-B1195D1035UB27-4F0-XX-W2A-A4

**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°    | 21.6   | 20.6   | 19.6   | 19.6   | 19.6   | 18.6   | 17.6   | 16.7   | 17.6   | 15.7   | 13.7   |
| 92.5°  | 93.1   | 99.9   | 114.6  | 126.8  | 139.1  | 176.4  | 236.1  | 319.4  | 384.1  | 336.0  | 244.0  |
| 95°    | 269.4  | 299.8  | 347.8  | 395.3  | 442.8  | 574.1  | 726.0  | 821.0  | 798.5  | 602.5  | 368.4  |
| 97.5°  | 627.0  | 685.8  | 752.4  | 807.3  | 862.2  | 969.9  | 1045.4 | 1029.7 | 854.3  | 577.1  | 336.0  |
| 100°   | 935.6  | 995.4  | 1080.6 | 1116.8 | 1153.1 | 1201.2 | 1181.6 | 1038.5 | 787.7  | 511.4  | 311.6  |
| 102.5° | 1217.8 | 1257.0 | 1301.1 | 1310.9 | 1320.7 | 1291.3 | 1174.7 | 965.0  | 704.4  | 467.3  | 304.7  |
| 105°   | 1398.1 | 1405.9 | 1404.0 | 1383.9 | 1363.8 | 1266.8 | 1097.3 | 872.9  | 642.7  | 445.8  | 308.6  |
| 107.5° | 1463.7 | 1446.1 | 1403.0 | 1361.8 | 1320.7 | 1185.5 | 1002.3 | 797.5  | 602.5  | 439.9  | 320.4  |
| 110°   | 1448.0 | 1406.9 | 1337.3 | 1283.4 | 1229.6 | 1087.5 | 918.0  | 743.6  | 583.9  | 441.9  | 334.1  |

TEST NUMBER: P1000808

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 112.5° | 1374.6 | 1322.6 | 1241.3 | 1187.4 | 1133.5 | 1001.3 | 856.3 | 713.2 | 575.1 | 447.7 | 348.8 |
| 115°   | 1284.4 | 1225.6 | 1148.2 | 1101.2 | 1054.2 | 939.6  | 819.1 | 696.6 | 573.1 | 455.6 | 364.5 |
| 117.5° | 1194.3 | 1143.3 | 1074.8 | 1033.6 | 992.5  | 899.4  | 797.5 | 687.8 | 572.2 | 463.4 | 380.1 |
| 120°   | 1121.8 | 1078.7 | 1022.8 | 988.0  | 953.3  | 874.9  | 783.8 | 680.9 | 572.2 | 472.2 | 396.8 |
| 122.5° | 1067.9 | 1032.6 | 987.6  | 958.2  | 928.8  | 859.2  | 772.0 | 673.1 | 571.2 | 481.0 | 412.5 |
| 125°   | 1031.7 | 1003.2 | 964.1  | 937.2  | 910.2  | 842.6  | 758.3 | 664.3 | 570.2 | 489.9 | 428.1 |
| 127.5° | 1007.2 | 981.7  | 942.5  | 917.0  | 891.6  | 824.0  | 742.6 | 652.5 | 568.2 | 496.7 | 441.9 |
| 130°   | 983.7  | 959.2  | 919.0  | 893.0  | 867.1  | 800.4  | 723.0 | 641.7 | 567.3 | 504.6 | 454.6 |
| 132.5° | 958.2  | 929.8  | 890.6  | 864.6  | 838.7  | 774.0  | 702.5 | 631.9 | 566.3 | 511.4 | 467.3 |
| 135°   | 922.9  | 895.5  | 856.3  | 831.8  | 807.3  | 747.5  | 683.9 | 622.1 | 565.3 | 518.3 | 478.1 |
| 137.5° | 884.7  | 856.3  | 819.1  | 796.6  | 774.0  | 722.1  | 666.2 | 613.3 | 565.3 | 522.2 | 485.9 |
| 140°   | 838.7  | 817.1  | 782.8  | 762.2  | 741.7  | 697.6  | 651.5 | 606.5 | 564.3 | 527.1 | 493.8 |
| 142.5° | 796.5  | 776.9  | 747.5  | 730.4  | 713.2  | 677.0  | 637.8 | 600.6 | 564.3 | 531.0 | 499.7 |
| 145°   | 756.4  | 739.7  | 715.2  | 701.5  | 687.8  | 658.4  | 625.1 | 593.7 | 562.4 | 532.0 | 503.6 |
| 147.5° | 722.1  | 707.4  | 688.8  | 677.5  | 666.2  | 641.7  | 614.3 | 587.8 | 559.4 | 533.0 | 507.5 |
| 150°   | 692.7  | 679.9  | 664.3  | 655.4  | 646.6  | 627.0  | 604.5 | 581.0 | 556.5 | 533.0 | 510.4 |
| 152.5° | 666.2  | 656.4  | 643.7  | 636.8  | 630.0  | 612.3  | 593.7 | 573.1 | 551.6 | 531.0 | 512.4 |
| 155°   | 642.7  | 634.9  | 625.1  | 619.2  | 613.3  | 598.6  | 582.9 | 565.3 | 546.7 | 529.1 | 513.4 |
| 157.5° | 621.1  | 615.3  | 607.4  | 602.5  | 597.6  | 584.9  | 571.2 | 557.5 | 541.8 | 527.1 | 513.4 |
| 160°   | 601.6  | 595.7  | 589.8  | 585.9  | 582.0  | 571.2  | 560.4 | 548.6 | 535.9 | 524.2 | 513.4 |
| 162.5° | 582.9  | 577.1  | 573.1  | 569.7  | 566.3  | 558.4  | 549.6 | 540.8 | 530.0 | 521.2 | 513.4 |
| 165°   | 565.3  | 561.4  | 557.5  | 555.0  | 552.6  | 545.7  | 539.8 | 532.0 | 524.2 | 517.3 | 511.4 |
| 167.5° | 548.6  | 545.7  | 543.8  | 542.3  | 540.8  | 534.9  | 530.0 | 524.2 | 518.3 | 513.4 | 509.5 |
| 170°   | 534.0  | 533.0  | 531.0  | 529.6  | 528.1  | 524.2  | 521.2 | 516.3 | 512.4 | 509.5 | 507.5 |
| 172.5° | 521.2  | 520.2  | 519.3  | 518.3  | 517.3  | 515.3  | 513.4 | 509.5 | 506.5 | 505.5 | 505.5 |
| 175°   | 511.4  | 509.5  | 509.5  | 509.5  | 509.5  | 507.5  | 506.5 | 504.6 | 502.6 | 502.6 | 503.6 |
| 177.5° | 503.6  | 502.6  | 503.6  | 503.1  | 502.6  | 502.6  | 501.6 | 500.6 | 499.7 | 499.7 | 501.6 |
| 180°   | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 |

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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°    | 13.7   | 7.8    | 7.8    | 7.8    | 6.9    | 5.9    | 2.9    | 1.0    | 2.9    | 5.9    | 6.9    |
| 92.5°  | 148.9  | 88.2   | 75.4   | 62.7   | 45.1   | 30.4   | 19.6   | 13.7   | 19.6   | 30.4   | 45.1   |
| 95°    | 207.7  | 122.5  | 101.9  | 81.3   | 57.8   | 45.1   | 35.3   | 32.3   | 35.3   | 45.1   | 57.8   |
| 97.5°  | 197.9  | 130.3  | 112.6  | 95.0   | 74.5   | 62.7   | 53.9   | 53.9   | 53.9   | 62.7   | 74.5   |
| 100°   | 200.8  | 143.0  | 127.4  | 111.7  | 93.1   | 81.3   | 74.5   | 74.5   | 74.5   | 81.3   | 93.1   |
| 102.5° | 210.6  | 159.7  | 145.0  | 130.3  | 112.7  | 101.9  | 96.0   | 94.1   | 96.0   | 101.9  | 112.7  |
| 105°   | 227.3  | 180.3  | 166.1  | 151.9  | 134.2  | 122.5  | 117.6  | 114.6  | 117.6  | 122.5  | 134.2  |
| 107.5° | 244.9  | 201.8  | 187.6  | 173.4  | 156.8  | 144.0  | 139.1  | 137.2  | 139.1  | 144.0  | 156.8  |
| 110°   | 265.5  | 222.4  | 209.2  | 195.9  | 178.3  | 166.6  | 161.7  | 159.7  | 161.7  | 166.6  | 178.3  |

TEST NUMBER: P1000808

CATALOG NUMBER: SA4XXDIP-B1195D1035UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 285.1 | 244.0 | 230.8  | 217.5 | 199.9 | 189.1 | 183.2 | 181.3 | 183.2 | 189.1 | 199.9 |
| 115°   | 305.7 | 266.5 | 253.2  | 240.0 | 221.4 | 211.6 | 204.8 | 201.8 | 204.8 | 211.6 | 221.4 |
| 117.5° | 325.3 | 288.0 | 274.3  | 260.6 | 243.0 | 232.2 | 226.3 | 223.4 | 226.3 | 232.2 | 243.0 |
| 120°   | 345.8 | 308.6 | 294.9  | 281.2 | 264.5 | 253.8 | 246.9 | 244.9 | 246.9 | 253.8 | 264.5 |
| 122.5° | 365.4 | 328.2 | 315.0  | 301.8 | 283.1 | 273.3 | 266.5 | 264.5 | 266.5 | 273.3 | 283.1 |
| 125°   | 383.1 | 347.8 | 334.1  | 320.4 | 301.8 | 291.0 | 285.1 | 281.2 | 285.1 | 291.0 | 301.8 |
| 127.5° | 399.7 | 365.4 | 351.7  | 338.0 | 318.4 | 306.7 | 299.8 | 296.9 | 299.8 | 306.7 | 318.4 |
| 130°   | 416.4 | 383.1 | 368.9  | 354.7 | 336.0 | 321.4 | 313.5 | 309.6 | 313.5 | 321.4 | 336.0 |
| 132.5° | 430.1 | 396.8 | 383.6  | 370.3 | 349.8 | 336.0 | 325.3 | 322.3 | 325.3 | 336.0 | 349.8 |
| 135°   | 442.8 | 410.5 | 397.8  | 385.0 | 364.5 | 347.8 | 338.0 | 334.1 | 338.0 | 347.8 | 364.5 |
| 137.5° | 452.6 | 422.3 | 410.0  | 397.8 | 376.2 | 360.5 | 349.8 | 345.8 | 349.8 | 360.5 | 376.2 |
| 140°   | 462.4 | 433.0 | 421.2  | 409.5 | 389.0 | 372.3 | 361.5 | 358.6 | 361.5 | 372.3 | 389.0 |
| 142.5° | 471.3 | 442.8 | 431.6  | 420.3 | 400.7 | 385.0 | 375.2 | 372.3 | 375.2 | 385.0 | 400.7 |
| 145°   | 477.1 | 451.7 | 440.9  | 430.1 | 411.5 | 397.8 | 388.0 | 385.0 | 388.0 | 397.8 | 411.5 |
| 147.5° | 484.0 | 459.5 | 449.7  | 439.9 | 424.2 | 409.5 | 400.7 | 399.7 | 400.7 | 409.5 | 424.2 |
| 150°   | 488.9 | 467.3 | 458.0  | 448.7 | 434.0 | 422.3 | 414.4 | 413.4 | 414.4 | 422.3 | 434.0 |
| 152.5° | 492.8 | 474.2 | 465.8  | 457.5 | 444.8 | 434.0 | 426.2 | 426.2 | 426.2 | 434.0 | 444.8 |
| 155°   | 496.7 | 480.1 | 472.8  | 465.4 | 454.6 | 444.8 | 438.9 | 437.9 | 438.9 | 444.8 | 454.6 |
| 157.5° | 499.7 | 485.0 | 479.1  | 473.2 | 463.4 | 455.6 | 449.7 | 449.7 | 449.7 | 455.6 | 463.4 |
| 160°   | 501.6 | 489.9 | 484.5  | 479.1 | 471.3 | 464.4 | 460.5 | 460.5 | 460.5 | 464.4 | 471.3 |
| 162.5° | 503.6 | 492.8 | 488.9  | 485.0 | 478.1 | 472.2 | 469.3 | 470.3 | 469.3 | 472.2 | 478.1 |
| 165°   | 503.6 | 494.8 | 491.8  | 488.9 | 484.0 | 479.1 | 477.1 | 477.1 | 477.1 | 479.1 | 484.0 |
| 167.5° | 503.6 | 496.7 | 494.2  | 491.8 | 488.9 | 485.0 | 484.0 | 485.0 | 484.0 | 485.0 | 488.9 |
| 170°   | 502.6 | 497.7 | 496.2  | 494.8 | 492.8 | 489.9 | 488.9 | 489.9 | 488.9 | 489.9 | 492.8 |
| 172.5° | 501.6 | 498.7 | 497.7  | 496.7 | 495.7 | 493.8 | 493.8 | 494.8 | 493.8 | 493.8 | 495.7 |
| 175°   | 500.6 | 498.7 | 498.7  | 498.7 | 497.7 | 496.7 | 496.7 | 497.7 | 496.7 | 496.7 | 497.7 |
| 177.5° | 499.7 | 498.7 | 498.7  | 498.7 | 498.7 | 497.7 | 498.7 | 499.7 | 498.7 | 497.7 | 498.7 |
| 180°   | 498.7 | 498.7 | 498.7  | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 |

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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°    | 7.8    | 7.8    | 7.8    | 13.7   | 13.7   | 15.7   | 17.6   | 16.7   | 17.6   | 18.6   | 19.6   |
| 92.5°  | 62.7   | 75.4   | 88.2   | 148.9  | 244.0  | 336.0  | 384.1  | 319.4  | 236.1  | 176.4  | 139.1  |
| 95°    | 81.3   | 101.9  | 122.5  | 207.7  | 368.4  | 602.5  | 798.5  | 821.0  | 726.0  | 574.1  | 442.8  |
| 97.5°  | 95.0   | 112.6  | 130.3  | 197.9  | 336.0  | 577.1  | 854.3  | 1029.7 | 1045.4 | 969.9  | 862.2  |
| 100°   | 111.7  | 127.4  | 143.0  | 200.8  | 311.6  | 511.4  | 787.7  | 1038.5 | 1181.6 | 1201.2 | 1153.1 |
| 102.5° | 130.3  | 145.0  | 159.7  | 210.6  | 304.7  | 467.3  | 704.4  | 965.0  | 1174.7 | 1291.3 | 1320.7 |
| 105°   | 151.9  | 166.1  | 180.3  | 227.3  | 308.6  | 445.8  | 642.7  | 872.9  | 1097.3 | 1266.8 | 1363.8 |
| 107.5° | 173.4  | 187.6  | 201.8  | 244.9  | 320.4  | 439.9  | 602.5  | 797.5  | 1002.3 | 1185.5 | 1320.7 |
| 110°   | 195.9  | 209.2  | 222.4  | 265.5  | 334.1  | 441.9  | 583.9  | 743.6  | 918.0  | 1087.5 | 1229.6 |

TEST NUMBER: P1000808

CATALOG NUMBER: SA4XXDIP-B1195D1035UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 217.5 | 230.8  | 244.0 | 285.1 | 348.8 | 447.7 | 575.1 | 713.2 | 856.3 | 1001.3 | 1133.5 |
| 115°   | 240.0 | 253.2  | 266.5 | 305.7 | 364.5 | 455.6 | 573.1 | 696.6 | 819.1 | 939.6  | 1054.2 |
| 117.5° | 260.6 | 274.3  | 288.0 | 325.3 | 380.1 | 463.4 | 572.2 | 687.8 | 797.5 | 899.4  | 992.5  |
| 120°   | 281.2 | 294.9  | 308.6 | 345.8 | 396.8 | 472.2 | 572.2 | 680.9 | 783.8 | 874.9  | 953.3  |
| 122.5° | 301.8 | 315.0  | 328.2 | 365.4 | 412.5 | 481.0 | 571.2 | 673.1 | 772.0 | 859.2  | 928.8  |
| 125°   | 320.4 | 334.1  | 347.8 | 383.1 | 428.1 | 489.9 | 570.2 | 664.3 | 758.3 | 842.6  | 910.2  |
| 127.5° | 338.0 | 351.7  | 365.4 | 399.7 | 441.9 | 496.7 | 568.2 | 652.5 | 742.6 | 824.0  | 891.6  |
| 130°   | 354.7 | 368.9  | 383.1 | 416.4 | 454.6 | 504.6 | 567.3 | 641.7 | 723.0 | 800.4  | 867.1  |
| 132.5° | 370.3 | 383.6  | 396.8 | 430.1 | 467.3 | 511.4 | 566.3 | 631.9 | 702.5 | 774.0  | 838.7  |
| 135°   | 385.0 | 397.8  | 410.5 | 442.8 | 478.1 | 518.3 | 565.3 | 622.1 | 683.9 | 747.5  | 807.3  |
| 137.5° | 397.8 | 410.0  | 422.3 | 452.6 | 485.9 | 522.2 | 565.3 | 613.3 | 666.2 | 722.1  | 774.0  |
| 140°   | 409.5 | 421.2  | 433.0 | 462.4 | 493.8 | 527.1 | 564.3 | 606.5 | 651.5 | 697.6  | 741.7  |
| 142.5° | 420.3 | 431.6  | 442.8 | 471.3 | 499.7 | 531.0 | 564.3 | 600.6 | 637.8 | 677.0  | 713.2  |
| 145°   | 430.1 | 440.9  | 451.7 | 477.1 | 503.6 | 532.0 | 562.4 | 593.7 | 625.1 | 658.4  | 687.8  |
| 147.5° | 439.9 | 449.7  | 459.5 | 484.0 | 507.5 | 533.0 | 559.4 | 587.8 | 614.3 | 641.7  | 666.2  |
| 150°   | 448.7 | 458.0  | 467.3 | 488.9 | 510.4 | 533.0 | 556.5 | 581.0 | 604.5 | 627.0  | 646.6  |
| 152.5° | 457.5 | 465.8  | 474.2 | 492.8 | 512.4 | 531.0 | 551.6 | 573.1 | 593.7 | 612.3  | 630.0  |
| 155°   | 465.4 | 472.8  | 480.1 | 496.7 | 513.4 | 529.1 | 546.7 | 565.3 | 582.9 | 598.6  | 613.3  |
| 157.5° | 473.2 | 479.1  | 485.0 | 499.7 | 513.4 | 527.1 | 541.8 | 557.5 | 571.2 | 584.9  | 597.6  |
| 160°   | 479.1 | 484.5  | 489.9 | 501.6 | 513.4 | 524.2 | 535.9 | 548.6 | 560.4 | 571.2  | 582.0  |
| 162.5° | 485.0 | 488.9  | 492.8 | 503.6 | 513.4 | 521.2 | 530.0 | 540.8 | 549.6 | 558.4  | 566.3  |
| 165°   | 488.9 | 491.8  | 494.8 | 503.6 | 511.4 | 517.3 | 524.2 | 532.0 | 539.8 | 545.7  | 552.6  |
| 167.5° | 491.8 | 494.2  | 496.7 | 503.6 | 509.5 | 513.4 | 518.3 | 524.2 | 530.0 | 534.9  | 540.8  |
| 170°   | 494.8 | 496.2  | 497.7 | 502.6 | 507.5 | 509.5 | 512.4 | 516.3 | 521.2 | 524.2  | 528.1  |
| 172.5° | 496.7 | 497.7  | 498.7 | 501.6 | 505.5 | 505.5 | 506.5 | 509.5 | 513.4 | 515.3  | 517.3  |
| 175°   | 498.7 | 498.7  | 498.7 | 500.6 | 503.6 | 502.6 | 502.6 | 504.6 | 506.5 | 507.5  | 509.5  |
| 177.5° | 498.7 | 498.7  | 498.7 | 499.7 | 501.6 | 499.7 | 499.7 | 500.6 | 501.6 | 502.6  | 502.6  |
| 180°   | 498.7 | 498.7  | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7  | 498.7  |



TEST NUMBER: P1000808

CATALOG NUMBER: SA4XXDIP-B1195D1035UB27-4F0-XX-W2A-A4

**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°    | 19.6   | 19.6   | 20.6   | 21.6   | 20.6   | 20.6   | 20.6   | 21.6   | 20.6   | 19.6   | 19.6   |
| 92.5°  | 126.8  | 114.6  | 99.9   | 93.1   | 89.2   | 89.2   | 89.2   | 93.1   | 99.9   | 114.6  | 126.8  |
| 95°    | 395.3  | 347.8  | 299.8  | 269.4  | 251.8  | 239.1  | 251.8  | 269.4  | 299.8  | 347.8  | 395.3  |
| 97.5°  | 807.3  | 752.4  | 685.8  | 627.0  | 597.6  | 574.1  | 597.6  | 627.0  | 685.8  | 752.4  | 807.3  |
| 100°   | 1116.8 | 1080.6 | 995.4  | 935.6  | 906.3  | 898.4  | 906.3  | 935.6  | 995.4  | 1080.6 | 1116.8 |
| 102.5° | 1310.9 | 1301.1 | 1257.0 | 1217.8 | 1186.5 | 1180.6 | 1186.5 | 1217.8 | 1257.0 | 1301.1 | 1310.9 |
| 105°   | 1383.9 | 1404.0 | 1405.9 | 1398.1 | 1384.4 | 1378.5 | 1384.4 | 1398.1 | 1405.9 | 1404.0 | 1383.9 |
| 107.5° | 1361.8 | 1403.0 | 1446.1 | 1463.7 | 1471.6 | 1472.5 | 1471.6 | 1463.7 | 1446.1 | 1403.0 | 1361.8 |
| 110°   | 1283.4 | 1337.3 | 1406.9 | 1448.0 | 1465.7 | 1474.5 | 1465.7 | 1448.0 | 1406.9 | 1337.3 | 1283.4 |



TEST NUMBER: P1000808

CATALOG NUMBER: SA4XXDIP-B1195D1035UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1187.4 | 1241.3 | 1322.6 | 1374.6 | 1401.0 | 1416.7 | 1401.0 | 1374.6 | 1322.6 | 1241.3 | 1187.4 |
| 115°   | 1101.2 | 1148.2 | 1225.6 | 1284.4 | 1315.8 | 1323.6 | 1315.8 | 1284.4 | 1225.6 | 1148.2 | 1101.2 |
| 117.5° | 1033.6 | 1074.8 | 1143.3 | 1194.3 | 1227.6 | 1232.5 | 1227.6 | 1194.3 | 1143.3 | 1074.8 | 1033.6 |
| 120°   | 988.0  | 1022.8 | 1078.7 | 1121.8 | 1147.3 | 1158.0 | 1147.3 | 1121.8 | 1078.7 | 1022.8 | 988.0  |
| 122.5° | 958.2  | 987.6  | 1032.6 | 1067.9 | 1088.5 | 1099.3 | 1088.5 | 1067.9 | 1032.6 | 987.6  | 958.2  |
| 125°   | 937.2  | 964.1  | 1003.2 | 1031.7 | 1050.3 | 1056.2 | 1050.3 | 1031.7 | 1003.2 | 964.1  | 937.2  |
| 127.5° | 917.0  | 942.5  | 981.7  | 1007.2 | 1022.8 | 1028.7 | 1022.8 | 1007.2 | 981.7  | 942.5  | 917.0  |
| 130°   | 893.0  | 919.0  | 959.2  | 983.7  | 999.3  | 1005.2 | 999.3  | 983.7  | 959.2  | 919.0  | 893.0  |
| 132.5° | 864.6  | 890.6  | 929.8  | 958.2  | 972.9  | 978.8  | 972.9  | 958.2  | 929.8  | 890.6  | 864.6  |
| 135°   | 831.8  | 856.3  | 895.5  | 922.9  | 938.6  | 944.5  | 938.6  | 922.9  | 895.5  | 856.3  | 831.8  |
| 137.5° | 796.6  | 819.1  | 856.3  | 884.7  | 897.4  | 904.3  | 897.4  | 884.7  | 856.3  | 819.1  | 796.6  |
| 140°   | 762.2  | 782.8  | 817.1  | 838.7  | 852.4  | 860.2  | 852.4  | 838.7  | 817.1  | 782.8  | 762.2  |
| 142.5° | 730.4  | 747.5  | 776.9  | 796.5  | 808.3  | 813.2  | 808.3  | 796.5  | 776.9  | 747.5  | 730.4  |
| 145°   | 701.5  | 715.2  | 739.7  | 756.4  | 766.2  | 771.0  | 766.2  | 756.4  | 739.7  | 715.2  | 701.5  |
| 147.5° | 677.5  | 688.8  | 707.4  | 722.1  | 729.9  | 731.9  | 729.9  | 722.1  | 707.4  | 688.8  | 677.5  |
| 150°   | 655.4  | 664.3  | 679.9  | 692.7  | 698.5  | 699.5  | 698.5  | 692.7  | 679.9  | 664.3  | 655.4  |
| 152.5° | 636.8  | 643.7  | 656.4  | 666.2  | 669.2  | 670.1  | 669.2  | 666.2  | 656.4  | 643.7  | 636.8  |
| 155°   | 619.2  | 625.1  | 634.9  | 642.7  | 645.6  | 645.6  | 645.6  | 642.7  | 634.9  | 625.1  | 619.2  |
| 157.5° | 602.5  | 607.4  | 615.3  | 621.1  | 623.1  | 623.1  | 623.1  | 621.1  | 615.3  | 607.4  | 602.5  |
| 160°   | 585.9  | 589.8  | 595.7  | 601.6  | 602.5  | 602.5  | 602.5  | 601.6  | 595.7  | 589.8  | 585.9  |
| 162.5° | 569.7  | 573.1  | 577.1  | 582.9  | 583.9  | 582.9  | 583.9  | 582.9  | 577.1  | 573.1  | 569.7  |
| 165°   | 555.0  | 557.5  | 561.4  | 565.3  | 564.3  | 563.3  | 564.3  | 565.3  | 561.4  | 557.5  | 555.0  |
| 167.5° | 542.3  | 543.8  | 545.7  | 548.6  | 548.6  | 547.7  | 548.6  | 548.6  | 545.7  | 543.8  | 542.3  |
| 170°   | 529.6  | 531.0  | 533.0  | 534.0  | 533.0  | 533.0  | 533.0  | 534.0  | 533.0  | 531.0  | 529.6  |
| 172.5° | 518.3  | 519.3  | 520.2  | 521.2  | 520.2  | 518.3  | 520.2  | 521.2  | 520.2  | 519.3  | 518.3  |
| 175°   | 509.5  | 509.5  | 509.5  | 511.4  | 509.5  | 507.5  | 509.5  | 511.4  | 509.5  | 509.5  | 509.5  |
| 177.5° | 503.1  | 503.6  | 502.6  | 503.6  | 501.6  | 499.7  | 501.6  | 503.6  | 502.6  | 503.6  | 503.1  |
| 180°   | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  | 498.7  |

TEST NUMBER: P1000808

CATALOG NUMBER: SA4XXDIP-B1195D1035UB27-4F0-XX-W2A-A4

**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°    | 19.6   | 18.6   | 17.6   | 16.7   | 17.6   | 15.7   | 13.7   | 13.7   | 7.8    | 7.8    | 7.8    |
| 92.5°  | 139.1  | 176.4  | 236.1  | 319.4  | 384.1  | 336.0  | 244.0  | 148.9  | 88.2   | 75.4   | 62.7   |
| 95°    | 442.8  | 574.1  | 726.0  | 821.0  | 798.5  | 602.5  | 368.4  | 207.7  | 122.5  | 101.9  | 81.3   |
| 97.5°  | 862.2  | 969.9  | 1045.4 | 1029.7 | 854.3  | 577.1  | 336.0  | 197.9  | 130.3  | 112.6  | 95.0   |
| 100°   | 1153.1 | 1201.2 | 1181.6 | 1038.5 | 787.7  | 511.4  | 311.6  | 200.8  | 143.0  | 127.4  | 111.7  |
| 102.5° | 1320.7 | 1291.3 | 1174.7 | 965.0  | 704.4  | 467.3  | 304.7  | 210.6  | 159.7  | 145.0  | 130.3  |
| 105°   | 1363.8 | 1266.8 | 1097.3 | 872.9  | 642.7  | 445.8  | 308.6  | 227.3  | 180.3  | 166.1  | 151.9  |
| 107.5° | 1320.7 | 1185.5 | 1002.3 | 797.5  | 602.5  | 439.9  | 320.4  | 244.9  | 201.8  | 187.6  | 173.4  |
| 110°   | 1229.6 | 1087.5 | 918.0  | 743.6  | 583.9  | 441.9  | 334.1  | 265.5  | 222.4  | 209.2  | 195.9  |

TEST NUMBER: P1000808

CATALOG NUMBER: SA4XXDIP-B1195D1035UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 1133.5 | 1001.3 | 856.3 | 713.2 | 575.1 | 447.7 | 348.8 | 285.1 | 244.0 | 230.8  | 217.5 |
| 115°   | 1054.2 | 939.6  | 819.1 | 696.6 | 573.1 | 455.6 | 364.5 | 305.7 | 266.5 | 253.2  | 240.0 |
| 117.5° | 992.5  | 899.4  | 797.5 | 687.8 | 572.2 | 463.4 | 380.1 | 325.3 | 288.0 | 274.3  | 260.6 |
| 120°   | 953.3  | 874.9  | 783.8 | 680.9 | 572.2 | 472.2 | 396.8 | 345.8 | 308.6 | 294.9  | 281.2 |
| 122.5° | 928.8  | 859.2  | 772.0 | 673.1 | 571.2 | 481.0 | 412.5 | 365.4 | 328.2 | 315.0  | 301.8 |
| 125°   | 910.2  | 842.6  | 758.3 | 664.3 | 570.2 | 489.9 | 428.1 | 383.1 | 347.8 | 334.1  | 320.4 |
| 127.5° | 891.6  | 824.0  | 742.6 | 652.5 | 568.2 | 496.7 | 441.9 | 399.7 | 365.4 | 351.7  | 338.0 |
| 130°   | 867.1  | 800.4  | 723.0 | 641.7 | 567.3 | 504.6 | 454.6 | 416.4 | 383.1 | 368.9  | 354.7 |
| 132.5° | 838.7  | 774.0  | 702.5 | 631.9 | 566.3 | 511.4 | 467.3 | 430.1 | 396.8 | 383.6  | 370.3 |
| 135°   | 807.3  | 747.5  | 683.9 | 622.1 | 565.3 | 518.3 | 478.1 | 442.8 | 410.5 | 397.8  | 385.0 |
| 137.5° | 774.0  | 722.1  | 666.2 | 613.3 | 565.3 | 522.2 | 485.9 | 452.6 | 422.3 | 410.0  | 397.8 |
| 140°   | 741.7  | 697.6  | 651.5 | 606.5 | 564.3 | 527.1 | 493.8 | 462.4 | 433.0 | 421.2  | 409.5 |
| 142.5° | 713.2  | 677.0  | 637.8 | 600.6 | 564.3 | 531.0 | 499.7 | 471.3 | 442.8 | 431.6  | 420.3 |
| 145°   | 687.8  | 658.4  | 625.1 | 593.7 | 562.4 | 532.0 | 503.6 | 477.1 | 451.7 | 440.9  | 430.1 |
| 147.5° | 666.2  | 641.7  | 614.3 | 587.8 | 559.4 | 533.0 | 507.5 | 484.0 | 459.5 | 449.7  | 439.9 |
| 150°   | 646.6  | 627.0  | 604.5 | 581.0 | 556.5 | 533.0 | 510.4 | 488.9 | 467.3 | 458.0  | 448.7 |
| 152.5° | 630.0  | 612.3  | 593.7 | 573.1 | 551.6 | 531.0 | 512.4 | 492.8 | 474.2 | 465.8  | 457.5 |
| 155°   | 613.3  | 598.6  | 582.9 | 565.3 | 546.7 | 529.1 | 513.4 | 496.7 | 480.1 | 472.8  | 465.4 |
| 157.5° | 597.6  | 584.9  | 571.2 | 557.5 | 541.8 | 527.1 | 513.4 | 499.7 | 485.0 | 479.1  | 473.2 |
| 160°   | 582.0  | 571.2  | 560.4 | 548.6 | 535.9 | 524.2 | 513.4 | 501.6 | 489.9 | 484.5  | 479.1 |
| 162.5° | 566.3  | 558.4  | 549.6 | 540.8 | 530.0 | 521.2 | 513.4 | 503.6 | 492.8 | 488.9  | 485.0 |
| 165°   | 552.6  | 545.7  | 539.8 | 532.0 | 524.2 | 517.3 | 511.4 | 503.6 | 494.8 | 491.8  | 488.9 |
| 167.5° | 540.8  | 534.9  | 530.0 | 524.2 | 518.3 | 513.4 | 509.5 | 503.6 | 496.7 | 494.2  | 491.8 |
| 170°   | 528.1  | 524.2  | 521.2 | 516.3 | 512.4 | 509.5 | 507.5 | 502.6 | 497.7 | 496.2  | 494.8 |
| 172.5° | 517.3  | 515.3  | 513.4 | 509.5 | 506.5 | 505.5 | 505.5 | 501.6 | 498.7 | 497.7  | 496.7 |
| 175°   | 509.5  | 507.5  | 506.5 | 504.6 | 502.6 | 502.6 | 503.6 | 500.6 | 498.7 | 498.7  | 498.7 |
| 177.5° | 502.6  | 502.6  | 501.6 | 500.6 | 499.7 | 499.7 | 501.6 | 499.7 | 498.7 | 498.7  | 498.7 |
| 180°   | 498.7  | 498.7  | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7 | 498.7  | 498.7 |

TEST NUMBER: P1000808

CATALOG NUMBER: SA4XXDIP-B1195D1035UB27-4F0-XX-W2A-A4

**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°    | 6.9    | 5.9    | 2.9    | 1.0    |
| 92.5°  | 45.1   | 30.4   | 19.6   | 13.7   |
| 95°    | 57.8   | 45.1   | 35.3   | 32.3   |
| 97.5°  | 74.5   | 62.7   | 53.9   | 53.9   |
| 100°   | 93.1   | 81.3   | 74.5   | 74.5   |
| 102.5° | 112.7  | 101.9  | 96.0   | 94.1   |
| 105°   | 134.2  | 122.5  | 117.6  | 114.6  |
| 107.5° | 156.8  | 144.0  | 139.1  | 137.2  |
| 110°   | 178.3  | 166.6  | 161.7  | 159.7  |



TEST NUMBER: P1000808

CATALOG NUMBER: SA4XXDIP-B1195D1035UB27-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 199.9 | 189.1 | 183.2 | 181.3 |
| 115°   | 221.4 | 211.6 | 204.8 | 201.8 |
| 117.5° | 243.0 | 232.2 | 226.3 | 223.4 |
| 120°   | 264.5 | 253.8 | 246.9 | 244.9 |
| 122.5° | 283.1 | 273.3 | 266.5 | 264.5 |
| 125°   | 301.8 | 291.0 | 285.1 | 281.2 |
| 127.5° | 318.4 | 306.7 | 299.8 | 296.9 |
| 130°   | 336.0 | 321.4 | 313.5 | 309.6 |
| 132.5° | 349.8 | 336.0 | 325.3 | 322.3 |
| 135°   | 364.5 | 347.8 | 338.0 | 334.1 |
| 137.5° | 376.2 | 360.5 | 349.8 | 345.8 |
| 140°   | 389.0 | 372.3 | 361.5 | 358.6 |
| 142.5° | 400.7 | 385.0 | 375.2 | 372.3 |
| 145°   | 411.5 | 397.8 | 388.0 | 385.0 |
| 147.5° | 424.2 | 409.5 | 400.7 | 399.7 |
| 150°   | 434.0 | 422.3 | 414.4 | 413.4 |
| 152.5° | 444.8 | 434.0 | 426.2 | 426.2 |
| 155°   | 454.6 | 444.8 | 438.9 | 437.9 |
| 157.5° | 463.4 | 455.6 | 449.7 | 449.7 |
| 160°   | 471.3 | 464.4 | 460.5 | 460.5 |
| 162.5° | 478.1 | 472.2 | 469.3 | 470.3 |
| 165°   | 484.0 | 479.1 | 477.1 | 477.1 |
| 167.5° | 488.9 | 485.0 | 484.0 | 485.0 |
| 170°   | 492.8 | 489.9 | 488.9 | 489.9 |
| 172.5° | 495.7 | 493.8 | 493.8 | 494.8 |
| 175°   | 497.7 | 496.7 | 496.7 | 497.7 |
| 177.5° | 498.7 | 497.7 | 498.7 | 499.7 |
| 180°   | 498.7 | 498.7 | 498.7 | 498.7 |

(END OF REPORT)