

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P332707-935

Luminaire Tested: **SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332707-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1205 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8170.8 lumens
Efficiency: N/A
Efficacy: 114.0 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

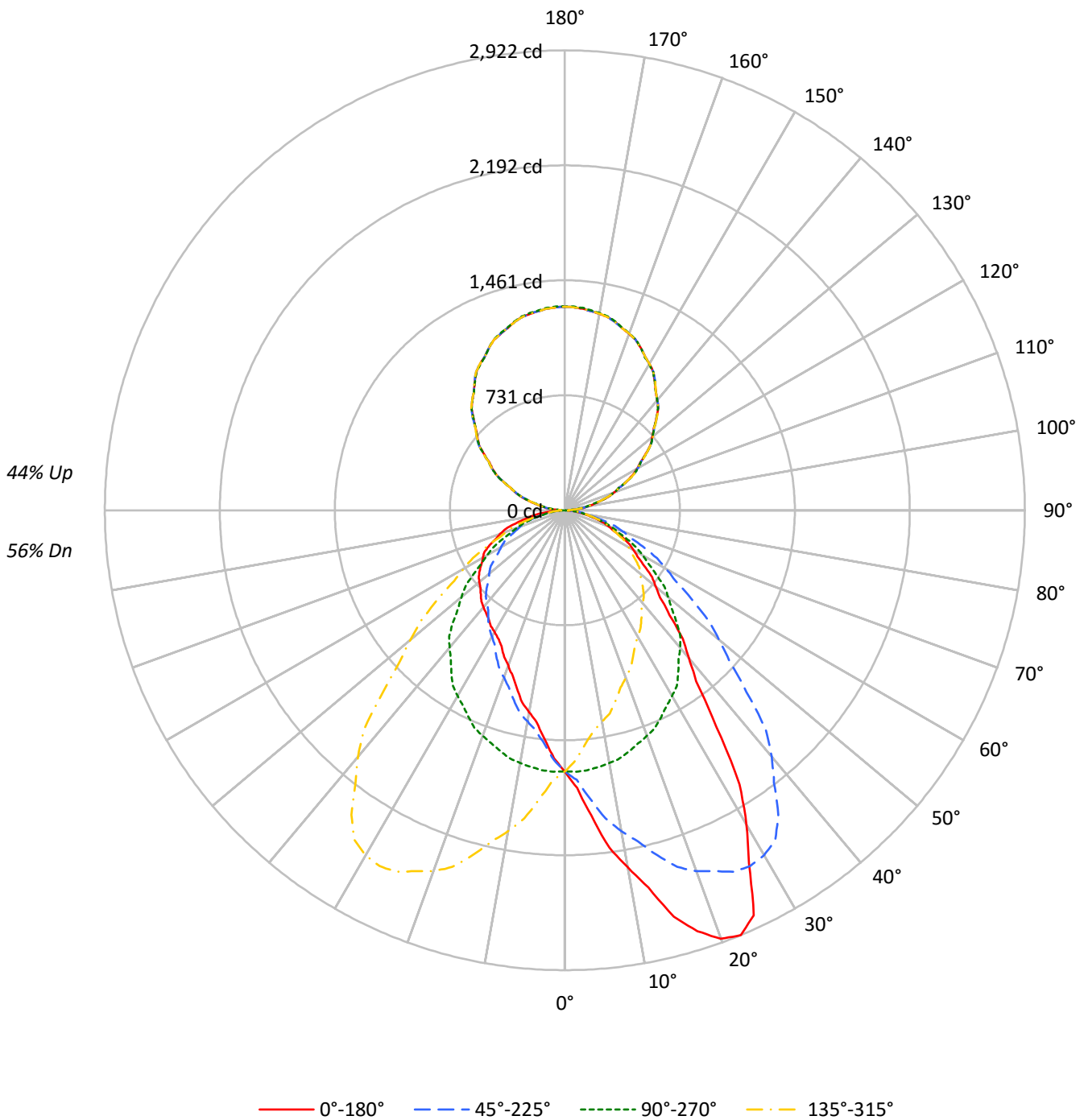
Input Watts (W): 71.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 109 | 109 | 109 | 109 | 101 | 101 | 101 | 101 | 87 | 87 | 87 | 74 | 74 | 74 | 62 | 62 | 62 | 56 |
| 1 | 99 | 95 | 91 | 88 | 92 | 89 | 85 | 82 | 76 | 74 | 72 | 65 | 63 | 62 | 55 | 54 | 53 | 48 |
| 2 | 91 | 83 | 77 | 72 | 84 | 78 | 72 | 68 | 67 | 63 | 60 | 58 | 55 | 52 | 49 | 47 | 45 | 40 |
| 3 | 83 | 74 | 66 | 60 | 77 | 69 | 62 | 57 | 60 | 55 | 51 | 51 | 47 | 44 | 43 | 41 | 38 | 34 |
| 4 | 76 | 65 | 57 | 51 | 70 | 61 | 54 | 49 | 53 | 48 | 43 | 46 | 42 | 38 | 39 | 36 | 33 | 30 |
| 5 | 70 | 58 | 50 | 44 | 65 | 55 | 47 | 42 | 48 | 42 | 38 | 41 | 37 | 33 | 35 | 32 | 29 | 26 |
| 6 | 64 | 52 | 44 | 38 | 60 | 49 | 42 | 37 | 43 | 37 | 33 | 37 | 33 | 29 | 32 | 28 | 26 | 23 |
| 7 | 60 | 47 | 39 | 34 | 55 | 45 | 37 | 32 | 39 | 33 | 29 | 34 | 29 | 26 | 29 | 26 | 23 | 20 |
| 8 | 55 | 43 | 35 | 30 | 52 | 41 | 34 | 29 | 36 | 30 | 26 | 31 | 27 | 23 | 27 | 23 | 21 | 18 |
| 9 | 52 | 39 | 32 | 27 | 48 | 37 | 30 | 26 | 33 | 27 | 23 | 29 | 24 | 21 | 25 | 21 | 19 | 17 |
| 10 | 48 | 36 | 29 | 24 | 45 | 34 | 28 | 23 | 30 | 25 | 21 | 27 | 22 | 19 | 23 | 20 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 13397 | 13397 | 13397 | 13397 |
| 5° | 15776 | 13431 | 11854 | 13431 |
| 10° | 18889 | 13373 | 10673 | 13373 |
| 15° | 22349 | 13237 | 9802 | 13237 |
| 20° | 24887 | 13099 | 9024 | 13099 |
| 25° | 25289 | 12896 | 8487 | 12896 |
| 30° | 21519 | 12701 | 8318 | 12701 |
| 35° | 16544 | 12384 | 8319 | 12384 |
| 40° | 12896 | 12012 | 8476 | 12012 |
| 45° | 10752 | 11451 | 8617 | 11451 |
| 50° | 9463 | 10766 | 8911 | 10766 |
| 55° | 8670 | 9947 | 9270 | 9947 |
| 60° | 8125 | 9213 | 9700 | 9213 |
| 65° | 7564 | 8392 | 10059 | 8392 |
| 70° | 6911 | 7579 | 10286 | 7579 |
| 75° | 6173 | 6669 | 10162 | 6669 |
| 80° | 5174 | 5463 | 9842 | 5463 |
| 85° | 3816 | 3946 | 9429 | 3946 |



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CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 161.7 | 2.0 |
| 10°-20° | 498.3 | 6.1 |
| 20°-30° | 790.2 | 9.7 |
| 30°-40° | 879.4 | 10.8 |
| 40°-50° | 800.5 | 9.8 |
| 50°-60° | 654.1 | 8.0 |
| 60°-70° | 467.0 | 5.7 |
| 70°-80° | 257.1 | 3.1 |
| 80°-90° | 74.1 | 0.9 |
| 90°-100° | 85.3 | 1.0 |
| 100°-110° | 252.7 | 3.1 |
| 110°-120° | 428.9 | 5.2 |
| 120°-130° | 565.6 | 6.9 |
| 130°-140° | 635.2 | 7.8 |
| 140°-150° | 624.2 | 7.6 |
| 150°-160° | 525.0 | 6.4 |
| 160°-170° | 349.3 | 4.3 |
| 170°-180° | 122.3 | 1.5 |
| 0°-30° | 1450.2 | 17.7 |
| 0°-40° | 2329.6 | 28.5 |
| 0°-60° | 3784.2 | 46.3 |
| 0°-90° | 4582.4 | 56.1 |
| 90°-120° | 767.0 | 9.4 |
| 90°-150° | 2591.9 | 31.7 |
| 90°-180° | 3588.0 | 43.9 |
| 0°-180° | 8170.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1660 | 1660 | 1660 | 1660 | 1660 | |
| 5° | 1947 | 1657 | 1463 | 1657 | 1947 | 198 |
| 15° | 2674 | 1584 | 1173 | 1584 | 2674 | 756 |
| 25° | 2839 | 1448 | 953 | 1448 | 2839 | 1252 |
| 35° | 1679 | 1257 | 844 | 1257 | 1679 | 1066 |
| 45° | 942 | 1003 | 755 | 1003 | 942 | 742 |
| 55° | 616 | 707 | 659 | 707 | 616 | 556 |
| 65° | 396 | 439 | 527 | 439 | 396 | 392 |
| 75° | 198 | 214 | 326 | 214 | 198 | 210 |
| 85° | 41 | 43 | 102 | 43 | 41 | 51 |
| 90° | 30 | 3 | 30 | 3 | 30 | 17 |
| 95° | 79 | 60 | 79 | 60 | 79 | 82 |
| 105° | 244 | 233 | 244 | 233 | 244 | 257 |
| 115° | 432 | 436 | 432 | 436 | 432 | 427 |
| 125° | 630 | 635 | 630 | 635 | 630 | 562 |
| 135° | 820 | 819 | 820 | 819 | 820 | 633 |
| 145° | 996 | 995 | 996 | 995 | 996 | 623 |
| 155° | 1139 | 1140 | 1139 | 1140 | 1139 | 524 |
| 165° | 1238 | 1241 | 1238 | 1241 | 1238 | 349 |
| 175° | 1285 | 1291 | 1285 | 1291 | 1285 | 122 |
| 180° | 1293 | 1293 | 1293 | 1293 | 1293 | |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 |
| 2.5° | 1766.2 | 1765.6 | 1760.1 | 1759.0 | 1755.1 | 1750.2 | 1749.1 | 1740.3 | 1722.7 | 1714.4 | 1712.3 |
| 5° | 1946.8 | 1960.6 | 1942.7 | 1939.2 | 1937.2 | 1914.5 | 1902.8 | 1889.0 | 1857.4 | 1838.9 | 1824.5 |
| 7.5° | 2162.4 | 2164.0 | 2156.2 | 2149.9 | 2132.4 | 2112.6 | 2082.9 | 2051.3 | 2013.6 | 1974.4 | 1944.9 |
| 10° | 2304.3 | 2309.8 | 2300.9 | 2299.5 | 2264.4 | 2242.4 | 2198.4 | 2161.3 | 2118.7 | 2071.2 | 2027.9 |
| 12.5° | 2453.8 | 2446.2 | 2441.6 | 2412.2 | 2405.7 | 2365.6 | 2314.5 | 2276.2 | 2210.5 | 2155.9 | 2098.3 |
| 15° | 2674.1 | 2659.0 | 2649.4 | 2608.8 | 2588.9 | 2533.1 | 2478.9 | 2437.0 | 2351.0 | 2269.3 | 2207.3 |
| 17.5° | 2803.3 | 2818.5 | 2796.2 | 2779.6 | 2728.0 | 2689.0 | 2633.5 | 2545.5 | 2478.2 | 2376.6 | 2298.5 |
| 20° | 2896.8 | 2898.2 | 2885.8 | 2868.7 | 2828.1 | 2778.6 | 2718.1 | 2621.8 | 2541.4 | 2440.4 | 2333.1 |
| 22.5° | 2922.1 | 2922.4 | 2917.2 | 2901.1 | 2870.4 | 2830.3 | 2769.2 | 2689.0 | 2591.5 | 2481.7 | 2374.4 |
| 25° | 2839.1 | 2836.3 | 2842.5 | 2860.4 | 2848.7 | 2836.3 | 2801.3 | 2741.5 | 2650.8 | 2534.5 | 2419.1 |
| 27.5° | 2530.6 | 2549.5 | 2584.5 | 2628.5 | 2670.8 | 2703.1 | 2712.2 | 2699.9 | 2643.7 | 2548.2 | 2427.2 |
| 30° | 2308.4 | 2331.8 | 2357.9 | 2401.8 | 2487.2 | 2535.9 | 2589.5 | 2630.1 | 2607.5 | 2531.2 | 2418.4 |
| 32.5° | 2064.2 | 2070.0 | 2108.8 | 2158.8 | 2236.9 | 2330.8 | 2415.8 | 2498.1 | 2525.5 | 2485.4 | 2391.4 |
| 35° | 1678.7 | 1688.3 | 1730.3 | 1779.8 | 1875.3 | 1990.1 | 2118.0 | 2232.1 | 2326.2 | 2364.0 | 2315.9 |
| 37.5° | 1369.9 | 1397.6 | 1427.1 | 1480.3 | 1564.4 | 1667.8 | 1800.7 | 1948.4 | 2088.7 | 2182.7 | 2198.6 |
| 40° | 1223.7 | 1240.8 | 1262.1 | 1302.7 | 1374.2 | 1475.9 | 1590.0 | 1759.1 | 1908.3 | 2043.1 | 2087.1 |
| 42.5° | 1108.1 | 1118.2 | 1131.3 | 1167.9 | 1222.4 | 1323.6 | 1427.8 | 1576.6 | 1726.3 | 1887.4 | 1961.1 |
| 45° | 941.8 | 952.1 | 974.0 | 995.4 | 1036.6 | 1106.7 | 1203.7 | 1326.0 | 1476.6 | 1631.9 | 1768.1 |
| 47.5° | 821.7 | 828.2 | 841.3 | 864.1 | 899.1 | 945.4 | 1024.2 | 1126.4 | 1266.0 | 1416.8 | 1561.9 |
| 50° | 753.5 | 758.9 | 769.2 | 789.9 | 816.7 | 857.9 | 922.6 | 1018.0 | 1127.4 | 1279.3 | 1421.6 |
| 52.5° | 699.6 | 701.7 | 709.3 | 723.3 | 744.6 | 779.3 | 832.3 | 911.4 | 1013.0 | 1148.4 | 1290.2 |
| 55° | 616.0 | 618.7 | 625.6 | 635.8 | 654.4 | 676.4 | 717.0 | 776.1 | 864.8 | 982.3 | 1105.4 |
| 57.5° | 547.2 | 549.1 | 554.9 | 558.9 | 574.1 | 592.0 | 623.2 | 665.5 | 732.6 | 832.3 | 942.2 |
| 60° | 503.2 | 501.8 | 508.7 | 512.1 | 522.5 | 537.6 | 561.6 | 602.2 | 660.6 | 741.1 | 842.1 |
| 62.5° | 460.3 | 458.4 | 464.2 | 468.7 | 474.6 | 487.5 | 507.2 | 539.0 | 586.3 | 659.1 | 746.4 |
| 65° | 396.0 | 393.2 | 396.7 | 402.2 | 407.7 | 414.5 | 429.0 | 457.1 | 495.0 | 547.2 | 613.9 |
| 67.5° | 331.3 | 334.2 | 334.8 | 337.5 | 340.7 | 350.1 | 359.9 | 379.9 | 406.6 | 448.3 | 504.9 |
| 70° | 292.8 | 293.5 | 296.3 | 296.3 | 298.3 | 306.6 | 314.9 | 326.5 | 352.7 | 391.2 | 437.2 |
| 72.5° | 254.3 | 257.3 | 256.1 | 258.3 | 259.8 | 265.4 | 271.4 | 282.5 | 304.8 | 333.4 | 372.3 |
| 75° | 197.9 | 200.0 | 200.0 | 200.7 | 202.8 | 204.8 | 209.7 | 217.9 | 233.8 | 255.0 | 281.8 |
| 77.5° | 144.4 | 144.6 | 145.6 | 148.1 | 148.1 | 151.4 | 155.0 | 161.5 | 169.4 | 184.0 | 200.4 |
| 80° | 111.3 | 112.7 | 112.0 | 113.4 | 113.4 | 116.1 | 117.5 | 125.8 | 129.2 | 138.9 | 151.9 |
| 82.5° | 81.7 | 83.0 | 82.9 | 84.8 | 85.9 | 86.4 | 88.4 | 91.7 | 95.1 | 103.7 | 109.0 |
| 85° | 41.2 | 42.6 | 41.2 | 42.6 | 44.7 | 45.4 | 47.4 | 48.1 | 50.9 | 53.0 | 57.8 |
| 87.5° | 18.1 | 19.6 | 19.5 | 20.1 | 21.0 | 21.4 | 21.7 | 20.9 | 22.8 | 23.1 | 25.0 |
| 90° | 30.0 | 29.5 | 29.1 | 28.7 | 28.2 | 27.4 | 26.0 | 24.7 | 23.3 | 22.0 | 20.2 |
| 92.5° | 44.4 | 44.2 | 43.9 | 43.7 | 43.3 | 42.8 | 42.0 | 41.2 | 40.4 | 39.6 | 38.4 |
| 95° | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 78.7 | 78.0 | 77.3 | 76.7 | 76.0 | 74.5 |
| 97.5° | 123.8 | 123.8 | 123.8 | 123.8 | 123.8 | 123.5 | 122.6 | 121.8 | 121.1 | 120.2 | 118.4 |
| 100° | 155.1 | 155.1 | 155.1 | 155.1 | 155.1 | 154.8 | 154.4 | 153.9 | 153.5 | 153.1 | 151.0 |
| 102.5° | 190.3 | 190.1 | 189.9 | 189.8 | 189.5 | 189.2 | 188.6 | 187.9 | 187.3 | 186.7 | 184.9 |
| 105° | 244.1 | 243.4 | 242.7 | 242.1 | 241.4 | 240.7 | 240.0 | 239.4 | 238.8 | 238.1 | 237.2 |
| 107.5° | 296.5 | 296.5 | 296.6 | 296.6 | 296.7 | 296.4 | 295.8 | 295.2 | 294.5 | 293.9 | 293.8 |
| 110° | 334.1 | 333.5 | 332.8 | 332.1 | 331.4 | 331.3 | 331.7 | 332.2 | 332.7 | 333.1 | 333.3 |



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CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 372.6 | 372.4 | 372.2 | 372.1 | 372.0 | 372.0 | 372.0 | 372.1 | 372.2 | 372.3 | 372.7 |
| 115° | 432.1 | 432.4 | 432.6 | 432.8 | 433.0 | 433.3 | 433.4 | 433.7 | 433.9 | 434.1 | 434.5 |
| 117.5° | 489.0 | 489.4 | 489.8 | 490.3 | 490.8 | 491.3 | 492.1 | 492.8 | 493.6 | 494.4 | 494.6 |
| 120° | 532.2 | 531.8 | 531.2 | 530.8 | 530.4 | 530.7 | 531.8 | 533.0 | 534.1 | 535.2 | 535.8 |
| 122.5° | 568.2 | 568.9 | 569.8 | 570.6 | 571.4 | 572.1 | 572.9 | 573.7 | 574.5 | 575.1 | 575.5 |
| 125° | 630.2 | 630.6 | 631.1 | 631.5 | 632.0 | 632.4 | 632.8 | 633.3 | 633.8 | 634.2 | 634.4 |
| 127.5° | 687.6 | 687.9 | 688.3 | 688.7 | 689.1 | 689.4 | 689.9 | 690.3 | 690.8 | 691.2 | 691.6 |
| 130° | 725.2 | 726.1 | 727.0 | 727.9 | 728.8 | 729.4 | 729.9 | 730.3 | 730.8 | 731.2 | 731.2 |
| 132.5° | 765.3 | 765.6 | 765.9 | 766.3 | 766.6 | 767.1 | 767.5 | 767.9 | 768.4 | 768.9 | 769.0 |
| 135° | 820.3 | 820.9 | 821.6 | 822.3 | 822.9 | 823.5 | 823.9 | 824.4 | 824.8 | 825.3 | 825.3 |
| 137.5° | 878.0 | 878.0 | 877.8 | 877.7 | 877.5 | 877.8 | 878.3 | 878.9 | 879.5 | 880.0 | 879.7 |
| 140° | 913.3 | 913.5 | 913.7 | 914.0 | 914.2 | 914.4 | 914.6 | 914.8 | 915.1 | 915.2 | 915.2 |
| 142.5° | 948.5 | 948.6 | 948.6 | 948.6 | 948.6 | 948.7 | 948.7 | 948.8 | 948.8 | 948.9 | 949.1 |
| 145° | 996.3 | 997.0 | 997.6 | 998.3 | 998.9 | 999.4 | 999.6 | 999.9 | 1000.1 | 1000.3 | 1000.1 |
| 147.5° | 1044.7 | 1044.9 | 1045.2 | 1045.4 | 1045.6 | 1045.8 | 1046.0 | 1046.2 | 1046.4 | 1046.5 | 1046.7 |
| 150° | 1074.4 | 1074.5 | 1074.8 | 1075.0 | 1075.2 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.3 |
| 152.5° | 1101.6 | 1102.1 | 1102.7 | 1103.3 | 1103.9 | 1103.9 | 1103.4 | 1102.8 | 1102.3 | 1101.7 | 1101.6 |
| 155° | 1139.4 | 1140.2 | 1141.2 | 1142.0 | 1142.9 | 1142.9 | 1142.0 | 1141.2 | 1140.2 | 1139.4 | 1139.5 |
| 157.5° | 1173.2 | 1173.9 | 1174.7 | 1175.4 | 1176.2 | 1176.2 | 1175.5 | 1174.9 | 1174.2 | 1173.5 | 1173.6 |
| 160° | 1192.4 | 1193.5 | 1194.6 | 1195.7 | 1196.8 | 1197.0 | 1196.4 | 1195.7 | 1195.1 | 1194.4 | 1194.6 |
| 162.5° | 1212.4 | 1213.5 | 1214.6 | 1215.7 | 1216.9 | 1216.8 | 1215.6 | 1214.4 | 1213.1 | 1211.9 | 1212.2 |
| 165° | 1238.4 | 1239.2 | 1240.2 | 1241.0 | 1241.9 | 1241.7 | 1240.4 | 1239.1 | 1237.7 | 1236.4 | 1236.8 |
| 167.5° | 1257.0 | 1258.4 | 1259.7 | 1261.1 | 1262.5 | 1262.5 | 1261.2 | 1259.8 | 1258.5 | 1257.1 | 1257.1 |
| 170° | 1267.4 | 1268.9 | 1270.5 | 1272.0 | 1273.6 | 1273.8 | 1272.4 | 1271.1 | 1269.7 | 1268.4 | 1268.2 |
| 172.5° | 1276.2 | 1277.7 | 1279.3 | 1280.8 | 1282.5 | 1282.5 | 1280.9 | 1279.4 | 1277.9 | 1276.4 | 1276.3 |
| 175° | 1285.4 | 1286.9 | 1288.5 | 1290.0 | 1291.6 | 1291.6 | 1290.0 | 1288.5 | 1286.9 | 1285.4 | 1285.6 |
| 177.5° | 1290.2 | 1291.6 | 1293.0 | 1294.4 | 1295.9 | 1296.0 | 1294.8 | 1293.5 | 1292.3 | 1291.0 | 1291.0 |
| 180° | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 |
| 2.5° | 1712.8 | 1705.1 | 1699.6 | 1695.2 | 1683.1 | 1675.9 | 1670.4 | 1662.8 | 1654.0 | 1644.6 | 1633.1 |
| 5° | 1810.0 | 1786.7 | 1769.4 | 1743.4 | 1718.6 | 1698.0 | 1676.6 | 1657.4 | 1634.0 | 1608.6 | 1590.0 |
| 7.5° | 1912.2 | 1877.4 | 1832.8 | 1794.2 | 1750.8 | 1713.0 | 1679.1 | 1644.5 | 1608.4 | 1573.6 | 1541.5 |
| 10° | 1977.0 | 1932.3 | 1882.8 | 1824.5 | 1769.4 | 1720.6 | 1675.2 | 1631.3 | 1588.6 | 1546.0 | 1509.6 |
| 12.5° | 2046.9 | 1991.2 | 1918.0 | 1849.8 | 1788.1 | 1722.9 | 1668.1 | 1614.2 | 1562.8 | 1518.0 | 1475.5 |
| 15° | 2140.7 | 2060.2 | 1975.7 | 1884.2 | 1803.1 | 1726.8 | 1651.9 | 1583.8 | 1526.1 | 1467.0 | 1425.7 |
| 17.5° | 2198.3 | 2098.8 | 2002.1 | 1906.5 | 1808.4 | 1712.1 | 1631.3 | 1552.8 | 1480.5 | 1421.8 | 1369.8 |
| 20° | 2236.2 | 2137.3 | 2016.9 | 1921.4 | 1804.5 | 1705.6 | 1612.1 | 1524.7 | 1449.1 | 1386.6 | 1332.9 |
| 22.5° | 2269.3 | 2154.8 | 2034.5 | 1908.8 | 1792.4 | 1687.4 | 1585.1 | 1497.2 | 1420.0 | 1354.1 | 1302.7 |
| 25° | 2287.1 | 2155.8 | 2025.2 | 1900.1 | 1768.1 | 1643.6 | 1550.8 | 1447.8 | 1365.2 | 1295.8 | 1240.8 |
| 27.5° | 2289.1 | 2148.6 | 2000.9 | 1861.8 | 1725.6 | 1609.7 | 1492.5 | 1400.4 | 1314.7 | 1241.4 | 1188.6 |
| 30° | 2282.9 | 2136.6 | 1977.7 | 1827.2 | 1690.4 | 1564.6 | 1462.8 | 1362.5 | 1275.2 | 1202.3 | 1147.3 |
| 32.5° | 2263.7 | 2111.3 | 1948.0 | 1788.7 | 1646.9 | 1523.9 | 1418.8 | 1323.4 | 1238.4 | 1166.6 | 1108.8 |
| 35° | 2208.0 | 2057.4 | 1883.5 | 1717.9 | 1572.9 | 1448.5 | 1353.6 | 1256.6 | 1171.4 | 1103.4 | 1047.7 |
| 37.5° | 2121.0 | 1984.9 | 1808.1 | 1636.7 | 1494.2 | 1369.2 | 1275.2 | 1187.6 | 1110.8 | 1041.6 | 984.6 |
| 40° | 2045.1 | 1925.5 | 1748.2 | 1581.1 | 1427.1 | 1308.2 | 1220.2 | 1139.8 | 1063.4 | 998.2 | 943.8 |
| 42.5° | 1957.7 | 1853.5 | 1689.9 | 1512.9 | 1364.4 | 1244.9 | 1159.2 | 1086.9 | 1015.0 | 954.7 | 900.4 |
| 45° | 1801.7 | 1733.0 | 1579.1 | 1415.4 | 1260.8 | 1148.0 | 1066.2 | 1003.0 | 942.5 | 883.4 | 838.0 |
| 47.5° | 1622.5 | 1588.4 | 1458.7 | 1303.4 | 1156.5 | 1045.4 | 974.5 | 916.1 | 863.0 | 813.0 | 772.9 |
| 50° | 1502.0 | 1485.6 | 1373.5 | 1223.7 | 1083.4 | 978.9 | 907.4 | 857.2 | 811.8 | 767.8 | 730.0 |
| 52.5° | 1383.3 | 1382.7 | 1281.7 | 1144.4 | 1014.7 | 914.0 | 843.1 | 796.2 | 756.9 | 721.1 | 687.2 |
| 55° | 1201.6 | 1220.9 | 1141.9 | 1019.4 | 903.3 | 812.5 | 748.6 | 706.7 | 679.2 | 649.6 | 624.2 |
| 57.5° | 1034.8 | 1066.8 | 1001.6 | 893.8 | 796.9 | 713.3 | 657.6 | 626.1 | 596.8 | 578.9 | 560.4 |
| 60° | 926.0 | 956.2 | 905.3 | 814.6 | 723.2 | 651.7 | 598.7 | 570.6 | 545.1 | 532.8 | 519.7 |
| 62.5° | 829.1 | 856.1 | 818.5 | 734.3 | 655.0 | 586.3 | 541.6 | 514.4 | 497.3 | 483.8 | 475.2 |
| 65° | 690.9 | 713.6 | 681.2 | 620.1 | 552.0 | 497.1 | 460.5 | 439.3 | 422.8 | 417.2 | 407.7 |
| 67.5° | 558.4 | 579.1 | 561.6 | 509.6 | 455.0 | 413.5 | 385.0 | 364.5 | 354.7 | 349.9 | 343.0 |
| 70° | 479.8 | 500.4 | 481.9 | 436.5 | 394.6 | 359.6 | 332.7 | 321.1 | 310.7 | 308.7 | 299.0 |
| 72.5° | 413.3 | 427.3 | 408.7 | 373.2 | 337.4 | 307.8 | 287.1 | 274.8 | 269.5 | 265.8 | 260.5 |
| 75° | 310.0 | 322.4 | 310.0 | 282.5 | 257.1 | 236.5 | 218.6 | 213.8 | 207.6 | 205.5 | 202.1 |
| 77.5° | 219.5 | 230.1 | 220.7 | 203.5 | 184.5 | 168.6 | 158.9 | 152.7 | 151.4 | 147.8 | 149.5 |
| 80° | 167.7 | 174.6 | 165.7 | 153.9 | 138.9 | 127.9 | 121.0 | 117.5 | 113.4 | 112.0 | 114.8 |
| 82.5° | 120.5 | 123.5 | 118.9 | 111.1 | 99.8 | 92.6 | 88.0 | 84.0 | 83.2 | 83.4 | 83.4 |
| 85° | 62.6 | 61.9 | 61.2 | 54.3 | 50.9 | 46.1 | 43.3 | 42.6 | 41.9 | 43.3 | 44.7 |
| 87.5° | 24.6 | 24.8 | 23.8 | 21.3 | 19.1 | 17.0 | 15.9 | 14.9 | 15.9 | 17.0 | 18.0 |
| 90° | 18.4 | 16.7 | 14.9 | 12.7 | 10.3 | 7.9 | 5.4 | 3.0 | 5.4 | 7.9 | 10.3 |
| 92.5° | 37.1 | 35.9 | 34.6 | 32.6 | 29.8 | 27.0 | 24.2 | 21.4 | 24.2 | 27.0 | 29.8 |
| 95° | 72.9 | 71.4 | 69.8 | 68.0 | 66.0 | 64.1 | 62.0 | 60.0 | 62.0 | 64.1 | 66.0 |
| 97.5° | 116.6 | 114.8 | 113.0 | 111.2 | 109.6 | 108.1 | 106.4 | 104.9 | 106.4 | 108.1 | 109.6 |
| 100° | 149.0 | 147.1 | 145.1 | 143.6 | 142.7 | 141.8 | 140.9 | 140.1 | 140.9 | 141.8 | 142.7 |
| 102.5° | 183.0 | 181.2 | 179.3 | 178.3 | 177.9 | 177.5 | 177.2 | 176.8 | 177.2 | 177.5 | 177.9 |
| 105° | 236.3 | 235.4 | 234.5 | 233.9 | 233.8 | 233.5 | 233.3 | 233.1 | 233.3 | 233.5 | 233.8 |
| 107.5° | 293.6 | 293.5 | 293.3 | 293.2 | 292.9 | 292.7 | 292.4 | 292.1 | 292.4 | 292.7 | 292.9 |
| 110° | 333.6 | 333.8 | 334.0 | 333.9 | 333.5 | 332.9 | 332.5 | 332.1 | 332.5 | 332.9 | 333.5 |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 373.2 | 373.5 | 373.9 | 374.1 | 374.0 | 373.9 | 373.8 | 373.7 | 373.8 | 373.9 | 374.0 |
| 115° | 435.1 | 435.5 | 435.9 | 436.1 | 436.1 | 436.1 | 436.1 | 436.1 | 436.1 | 436.1 | 436.1 |
| 117.5° | 495.0 | 495.2 | 495.6 | 495.7 | 495.5 | 495.3 | 495.2 | 495.0 | 495.2 | 495.3 | 495.5 |
| 120° | 536.5 | 537.2 | 537.9 | 537.7 | 536.8 | 536.0 | 535.0 | 534.2 | 535.0 | 536.0 | 536.8 |
| 122.5° | 575.8 | 576.1 | 576.4 | 576.4 | 576.0 | 575.7 | 575.3 | 575.0 | 575.3 | 575.7 | 576.0 |
| 125° | 634.6 | 634.9 | 635.1 | 635.2 | 635.2 | 635.2 | 635.2 | 635.2 | 635.2 | 635.2 | 635.2 |
| 127.5° | 691.9 | 692.2 | 692.7 | 692.5 | 691.8 | 691.1 | 690.5 | 689.8 | 690.5 | 691.1 | 691.8 |
| 130° | 731.2 | 731.2 | 731.2 | 730.9 | 730.2 | 729.5 | 728.9 | 728.2 | 728.9 | 729.5 | 730.2 |
| 132.5° | 769.2 | 769.4 | 769.6 | 769.4 | 768.9 | 768.4 | 767.9 | 767.4 | 767.9 | 768.4 | 768.9 |
| 135° | 825.3 | 825.3 | 825.3 | 824.6 | 823.3 | 821.9 | 820.6 | 819.2 | 820.6 | 821.9 | 823.3 |
| 137.5° | 879.3 | 879.0 | 878.7 | 878.1 | 877.5 | 876.9 | 876.3 | 875.6 | 876.3 | 876.9 | 877.5 |
| 140° | 915.2 | 915.2 | 915.2 | 915.1 | 914.6 | 914.2 | 913.7 | 913.3 | 913.7 | 914.2 | 914.6 |
| 142.5° | 949.3 | 949.4 | 949.6 | 949.5 | 949.0 | 948.6 | 948.1 | 947.7 | 948.1 | 948.6 | 949.0 |
| 145° | 999.9 | 999.6 | 999.4 | 998.8 | 998.0 | 997.1 | 996.2 | 995.3 | 996.2 | 997.1 | 998.0 |
| 147.5° | 1046.9 | 1047.1 | 1047.2 | 1046.8 | 1045.7 | 1044.7 | 1043.6 | 1042.5 | 1043.6 | 1044.7 | 1045.7 |
| 150° | 1075.3 | 1075.3 | 1075.3 | 1074.9 | 1074.0 | 1073.2 | 1072.2 | 1071.3 | 1072.2 | 1073.2 | 1074.0 |
| 152.5° | 1101.4 | 1101.2 | 1101.0 | 1100.7 | 1100.1 | 1099.6 | 1099.1 | 1098.5 | 1099.1 | 1099.6 | 1100.1 |
| 155° | 1139.8 | 1140.1 | 1140.2 | 1140.3 | 1140.3 | 1140.3 | 1140.3 | 1140.3 | 1140.3 | 1140.3 | 1140.3 |
| 157.5° | 1173.6 | 1173.7 | 1173.7 | 1174.0 | 1174.4 | 1174.7 | 1175.2 | 1175.5 | 1175.2 | 1174.7 | 1174.4 |
| 160° | 1194.8 | 1195.1 | 1195.2 | 1195.5 | 1195.7 | 1195.9 | 1196.2 | 1196.4 | 1196.2 | 1195.9 | 1195.7 |
| 162.5° | 1212.5 | 1212.6 | 1212.9 | 1213.2 | 1213.8 | 1214.4 | 1215.0 | 1215.6 | 1215.0 | 1214.4 | 1213.8 |
| 165° | 1237.3 | 1237.7 | 1238.1 | 1238.7 | 1239.4 | 1240.0 | 1240.7 | 1241.4 | 1240.7 | 1240.0 | 1239.4 |
| 167.5° | 1257.1 | 1257.1 | 1257.0 | 1257.5 | 1258.4 | 1259.3 | 1260.2 | 1261.2 | 1260.2 | 1259.3 | 1258.4 |
| 170° | 1267.9 | 1267.7 | 1267.5 | 1267.9 | 1269.0 | 1270.1 | 1271.3 | 1272.4 | 1271.3 | 1270.1 | 1269.0 |
| 172.5° | 1276.3 | 1276.3 | 1276.2 | 1276.7 | 1277.6 | 1278.5 | 1279.4 | 1280.4 | 1279.4 | 1278.5 | 1277.6 |
| 175° | 1285.8 | 1286.1 | 1286.2 | 1286.9 | 1288.1 | 1289.2 | 1290.3 | 1291.4 | 1290.3 | 1289.2 | 1288.1 |
| 177.5° | 1291.0 | 1291.0 | 1291.0 | 1291.4 | 1292.4 | 1293.2 | 1294.1 | 1295.0 | 1294.1 | 1293.2 | 1292.4 |
| 180° | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 |
| 2.5° | 1627.5 | 1622.6 | 1615.5 | 1605.6 | 1597.3 | 1588.5 | 1586.3 | 1583.0 | 1589.6 | 1584.2 | 1582.4 |
| 5° | 1574.3 | 1559.8 | 1541.2 | 1519.9 | 1507.5 | 1489.7 | 1486.3 | 1479.4 | 1472.5 | 1471.8 | 1464.9 |
| 7.5° | 1517.7 | 1496.5 | 1472.2 | 1450.4 | 1430.4 | 1410.9 | 1398.1 | 1395.3 | 1385.2 | 1379.2 | 1372.3 |
| 10° | 1481.4 | 1455.3 | 1427.1 | 1406.5 | 1383.1 | 1362.5 | 1348.1 | 1339.8 | 1332.9 | 1325.3 | 1318.5 |
| 12.5° | 1438.6 | 1410.7 | 1387.5 | 1365.2 | 1337.5 | 1321.8 | 1298.0 | 1283.8 | 1282.4 | 1282.5 | 1264.6 |
| 15° | 1388.6 | 1361.2 | 1325.3 | 1293.7 | 1278.6 | 1248.4 | 1235.3 | 1218.8 | 1208.5 | 1198.2 | 1190.0 |
| 17.5° | 1331.5 | 1297.4 | 1269.4 | 1233.1 | 1204.3 | 1180.2 | 1163.0 | 1153.1 | 1137.6 | 1123.0 | 1112.4 |
| 20° | 1295.8 | 1259.4 | 1229.9 | 1191.3 | 1159.7 | 1130.1 | 1115.7 | 1102.0 | 1090.3 | 1077.9 | 1066.2 |
| 22.5° | 1259.5 | 1221.4 | 1185.3 | 1147.9 | 1118.4 | 1087.3 | 1073.3 | 1054.6 | 1043.5 | 1036.6 | 1024.9 |
| 25° | 1202.3 | 1161.1 | 1119.8 | 1084.1 | 1053.9 | 1026.3 | 1007.8 | 993.3 | 980.9 | 975.4 | 967.9 |
| 27.5° | 1140.1 | 1099.2 | 1059.4 | 1018.7 | 984.4 | 964.5 | 949.6 | 938.7 | 931.6 | 924.3 | 920.9 |
| 30° | 1100.6 | 1058.0 | 1015.4 | 977.5 | 945.9 | 926.0 | 912.2 | 904.7 | 899.1 | 895.7 | 892.3 |
| 32.5° | 1060.4 | 1018.4 | 973.5 | 939.0 | 910.7 | 892.9 | 882.5 | 874.9 | 872.2 | 871.0 | 869.8 |
| 35° | 996.1 | 953.5 | 912.2 | 881.3 | 854.5 | 847.6 | 838.7 | 834.6 | 833.2 | 838.0 | 840.1 |
| 37.5° | 933.8 | 894.2 | 856.3 | 826.3 | 808.7 | 798.7 | 795.7 | 795.7 | 800.7 | 804.9 | 809.9 |
| 40° | 893.6 | 855.1 | 819.4 | 793.3 | 776.8 | 770.6 | 769.2 | 772.7 | 778.2 | 783.0 | 788.5 |
| 42.5° | 854.6 | 816.7 | 784.2 | 759.7 | 748.2 | 742.5 | 743.4 | 746.8 | 754.5 | 760.4 | 768.7 |
| 45° | 794.0 | 762.3 | 730.7 | 710.8 | 701.2 | 702.6 | 702.6 | 708.8 | 716.3 | 725.2 | 734.2 |
| 47.5° | 736.9 | 705.1 | 679.1 | 662.3 | 657.3 | 656.1 | 660.0 | 668.0 | 678.9 | 689.9 | 702.4 |
| 50° | 698.4 | 668.2 | 645.5 | 630.3 | 624.9 | 627.0 | 632.4 | 640.0 | 653.1 | 666.8 | 679.8 |
| 52.5° | 659.4 | 631.9 | 610.9 | 596.8 | 593.0 | 596.7 | 602.2 | 614.2 | 625.6 | 640.4 | 656.3 |
| 55° | 598.7 | 575.4 | 558.9 | 548.5 | 547.2 | 549.2 | 555.4 | 568.5 | 585.0 | 603.6 | 618.7 |
| 57.5° | 538.4 | 518.8 | 503.8 | 496.6 | 497.3 | 499.2 | 509.4 | 525.0 | 542.5 | 562.3 | 581.9 |
| 60° | 497.7 | 479.8 | 467.4 | 461.9 | 462.6 | 466.7 | 479.1 | 493.6 | 515.6 | 534.9 | 555.4 |
| 62.5° | 459.2 | 443.5 | 431.7 | 426.8 | 425.8 | 434.9 | 446.7 | 461.7 | 483.7 | 505.1 | 527.4 |
| 65° | 397.4 | 385.0 | 375.3 | 372.6 | 374.6 | 381.5 | 396.7 | 416.6 | 435.1 | 457.8 | 481.2 |
| 67.5° | 336.8 | 326.7 | 320.0 | 321.3 | 323.8 | 334.0 | 346.6 | 363.8 | 384.9 | 408.4 | 431.4 |
| 70° | 298.3 | 288.7 | 283.2 | 283.9 | 288.0 | 300.4 | 311.4 | 328.6 | 351.3 | 375.3 | 394.6 |
| 72.5° | 258.7 | 252.4 | 247.5 | 250.4 | 254.5 | 263.0 | 276.7 | 293.9 | 313.9 | 336.3 | 356.6 |
| 75° | 198.6 | 198.6 | 195.9 | 197.9 | 204.1 | 212.4 | 222.7 | 240.6 | 260.5 | 278.4 | 294.9 |
| 77.5° | 147.4 | 145.9 | 147.7 | 150.2 | 153.7 | 163.5 | 175.3 | 188.0 | 203.1 | 220.9 | 234.5 |
| 80° | 112.7 | 113.4 | 116.8 | 121.0 | 122.3 | 129.9 | 142.3 | 153.9 | 165.7 | 180.8 | 193.9 |
| 82.5° | 84.7 | 85.4 | 87.1 | 92.4 | 93.8 | 101.9 | 109.9 | 121.6 | 132.2 | 142.3 | 153.2 |
| 85° | 46.1 | 46.1 | 49.5 | 51.6 | 55.0 | 60.5 | 65.3 | 72.2 | 81.8 | 88.7 | 99.0 |
| 87.5° | 20.1 | 20.6 | 23.2 | 24.6 | 26.6 | 29.7 | 31.1 | 37.4 | 39.9 | 42.9 | 48.0 |
| 90° | 12.7 | 14.9 | 16.7 | 18.4 | 20.2 | 22.0 | 23.3 | 24.7 | 26.0 | 27.4 | 28.2 |
| 92.5° | 32.6 | 34.6 | 35.9 | 37.1 | 38.4 | 39.6 | 40.4 | 41.2 | 42.0 | 42.8 | 43.3 |
| 95° | 68.0 | 69.8 | 71.4 | 72.9 | 74.5 | 76.0 | 76.7 | 77.3 | 78.0 | 78.7 | 79.0 |
| 97.5° | 111.2 | 113.0 | 114.8 | 116.6 | 118.4 | 120.2 | 121.1 | 121.8 | 122.6 | 123.5 | 123.8 |
| 100° | 143.6 | 145.1 | 147.1 | 149.0 | 151.0 | 153.1 | 153.5 | 153.9 | 154.4 | 154.8 | 155.1 |
| 102.5° | 178.3 | 179.3 | 181.2 | 183.0 | 184.9 | 186.7 | 187.3 | 187.9 | 188.6 | 189.2 | 189.5 |
| 105° | 233.9 | 234.5 | 235.4 | 236.3 | 237.2 | 238.1 | 238.8 | 239.4 | 240.0 | 240.7 | 241.4 |
| 107.5° | 293.2 | 293.3 | 293.5 | 293.6 | 293.8 | 293.9 | 294.5 | 295.2 | 295.8 | 296.4 | 296.7 |
| 110° | 333.9 | 334.0 | 333.8 | 333.6 | 333.3 | 333.1 | 332.7 | 332.2 | 331.7 | 331.3 | 331.4 |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 374.1 | 373.9 | 373.5 | 373.2 | 372.7 | 372.3 | 372.2 | 372.1 | 372.0 | 372.0 | 372.0 |
| 115° | 436.1 | 435.9 | 435.5 | 435.1 | 434.5 | 434.1 | 433.9 | 433.7 | 433.4 | 433.3 | 433.0 |
| 117.5° | 495.7 | 495.6 | 495.2 | 495.0 | 494.6 | 494.4 | 493.6 | 492.8 | 492.1 | 491.3 | 490.8 |
| 120° | 537.7 | 537.9 | 537.2 | 536.5 | 535.8 | 535.2 | 534.1 | 533.0 | 531.8 | 530.7 | 530.4 |
| 122.5° | 576.4 | 576.4 | 576.1 | 575.8 | 575.5 | 575.1 | 574.5 | 573.7 | 572.9 | 572.1 | 571.4 |
| 125° | 635.2 | 635.1 | 634.9 | 634.6 | 634.4 | 634.2 | 633.8 | 633.3 | 632.8 | 632.4 | 632.0 |
| 127.5° | 692.5 | 692.7 | 692.2 | 691.9 | 691.6 | 691.2 | 690.8 | 690.3 | 689.9 | 689.4 | 689.1 |
| 130° | 730.9 | 731.2 | 731.2 | 731.2 | 731.2 | 731.2 | 730.8 | 730.3 | 729.9 | 729.4 | 728.8 |
| 132.5° | 769.4 | 769.6 | 769.4 | 769.2 | 769.0 | 768.9 | 768.4 | 767.9 | 767.5 | 767.1 | 766.6 |
| 135° | 824.6 | 825.3 | 825.3 | 825.3 | 825.3 | 825.3 | 824.8 | 824.4 | 823.9 | 823.5 | 822.9 |
| 137.5° | 878.1 | 878.7 | 879.0 | 879.3 | 879.7 | 880.0 | 879.5 | 878.9 | 878.3 | 877.8 | 877.5 |
| 140° | 915.1 | 915.2 | 915.2 | 915.2 | 915.2 | 915.2 | 915.1 | 914.8 | 914.6 | 914.4 | 914.2 |
| 142.5° | 949.5 | 949.6 | 949.4 | 949.3 | 949.1 | 948.9 | 948.8 | 948.8 | 948.7 | 948.7 | 948.6 |
| 145° | 998.8 | 999.4 | 999.6 | 999.9 | 1000.1 | 1000.3 | 1000.1 | 999.9 | 999.6 | 999.4 | 998.9 |
| 147.5° | 1046.8 | 1047.2 | 1047.1 | 1046.9 | 1046.7 | 1046.5 | 1046.4 | 1046.2 | 1046.0 | 1045.8 | 1045.6 |
| 150° | 1074.9 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.2 |
| 152.5° | 1100.7 | 1101.0 | 1101.2 | 1101.4 | 1101.6 | 1101.7 | 1102.3 | 1102.8 | 1103.4 | 1103.9 | 1103.9 |
| 155° | 1140.3 | 1140.2 | 1140.1 | 1139.8 | 1139.5 | 1139.4 | 1140.2 | 1141.2 | 1142.0 | 1142.9 | 1142.9 |
| 157.5° | 1174.0 | 1173.7 | 1173.7 | 1173.6 | 1173.6 | 1173.5 | 1174.2 | 1174.9 | 1175.5 | 1176.2 | 1176.2 |
| 160° | 1195.5 | 1195.2 | 1195.1 | 1194.8 | 1194.6 | 1194.4 | 1195.1 | 1195.7 | 1196.4 | 1197.0 | 1196.8 |
| 162.5° | 1213.2 | 1212.9 | 1212.6 | 1212.5 | 1212.2 | 1211.9 | 1213.1 | 1214.4 | 1215.6 | 1216.8 | 1216.9 |
| 165° | 1238.7 | 1238.1 | 1237.7 | 1237.3 | 1236.8 | 1236.4 | 1237.7 | 1239.1 | 1240.4 | 1241.7 | 1241.9 |
| 167.5° | 1257.5 | 1257.0 | 1257.1 | 1257.1 | 1257.1 | 1257.1 | 1258.5 | 1259.8 | 1261.2 | 1262.5 | 1262.5 |
| 170° | 1267.9 | 1267.5 | 1267.7 | 1267.9 | 1268.2 | 1268.4 | 1269.7 | 1271.1 | 1272.4 | 1273.8 | 1273.6 |
| 172.5° | 1276.7 | 1276.2 | 1276.3 | 1276.3 | 1276.3 | 1276.4 | 1277.9 | 1279.4 | 1280.9 | 1282.5 | 1282.5 |
| 175° | 1286.9 | 1286.2 | 1286.1 | 1285.8 | 1285.6 | 1285.4 | 1286.9 | 1288.5 | 1290.0 | 1291.6 | 1291.6 |
| 177.5° | 1291.4 | 1291.0 | 1291.0 | 1291.0 | 1291.0 | 1291.0 | 1292.3 | 1293.5 | 1294.8 | 1296.0 | 1295.9 |
| 180° | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 |
| 2.5° | 1581.4 | 1580.3 | 1576.4 | 1575.9 | 1576.4 | 1580.3 | 1581.4 | 1582.4 | 1584.2 | 1589.6 | 1583.0 |
| 5° | 1460.8 | 1457.3 | 1455.3 | 1462.8 | 1455.3 | 1457.3 | 1460.8 | 1464.9 | 1471.8 | 1472.5 | 1479.4 |
| 7.5° | 1369.9 | 1367.2 | 1361.2 | 1359.2 | 1361.2 | 1367.2 | 1369.9 | 1372.3 | 1379.2 | 1385.2 | 1395.3 |
| 10° | 1311.6 | 1308.9 | 1303.4 | 1302.0 | 1303.4 | 1308.9 | 1311.6 | 1318.5 | 1325.3 | 1332.9 | 1339.8 |
| 12.5° | 1255.5 | 1250.0 | 1249.0 | 1250.3 | 1249.0 | 1250.0 | 1255.5 | 1264.6 | 1282.5 | 1282.4 | 1283.8 |
| 15° | 1181.0 | 1178.3 | 1170.7 | 1172.8 | 1170.7 | 1178.3 | 1181.0 | 1190.0 | 1198.2 | 1208.5 | 1218.8 |
| 17.5° | 1107.6 | 1104.3 | 1095.1 | 1103.2 | 1095.1 | 1104.3 | 1107.6 | 1112.4 | 1123.0 | 1137.6 | 1153.1 |
| 20° | 1061.4 | 1055.9 | 1051.1 | 1050.4 | 1051.1 | 1055.9 | 1061.4 | 1066.2 | 1077.9 | 1090.3 | 1102.0 |
| 22.5° | 1017.4 | 1012.4 | 1012.0 | 1007.5 | 1012.0 | 1012.4 | 1017.4 | 1024.9 | 1036.6 | 1043.5 | 1054.6 |
| 25° | 962.4 | 957.6 | 956.2 | 952.8 | 956.2 | 957.6 | 962.4 | 967.9 | 975.4 | 980.9 | 993.3 |
| 27.5° | 920.2 | 917.8 | 915.4 | 916.4 | 915.4 | 917.8 | 920.2 | 920.9 | 924.3 | 931.6 | 938.7 |
| 30° | 894.3 | 893.6 | 892.3 | 892.3 | 892.3 | 893.6 | 894.3 | 892.3 | 895.7 | 899.1 | 904.7 |
| 32.5° | 872.9 | 872.8 | 873.6 | 873.6 | 873.6 | 872.8 | 872.9 | 869.8 | 871.0 | 872.2 | 874.9 |
| 35° | 842.8 | 844.8 | 846.2 | 844.1 | 846.2 | 844.8 | 842.8 | 840.1 | 838.0 | 833.2 | 834.6 |
| 37.5° | 815.5 | 817.6 | 819.6 | 821.9 | 819.6 | 817.6 | 815.5 | 809.9 | 804.9 | 800.7 | 795.7 |
| 40° | 794.7 | 799.5 | 800.8 | 804.3 | 800.8 | 799.5 | 794.7 | 788.5 | 783.0 | 778.2 | 772.7 |
| 42.5° | 774.9 | 780.2 | 783.8 | 784.5 | 783.8 | 780.2 | 774.9 | 768.7 | 760.4 | 754.5 | 746.8 |
| 45° | 744.5 | 750.0 | 754.8 | 754.8 | 754.8 | 750.0 | 744.5 | 734.2 | 725.2 | 716.3 | 708.8 |
| 47.5° | 713.0 | 721.0 | 725.8 | 727.0 | 725.8 | 721.0 | 713.0 | 702.4 | 689.9 | 678.9 | 668.0 |
| 50° | 691.6 | 701.2 | 706.0 | 709.5 | 706.0 | 701.2 | 691.6 | 679.8 | 666.8 | 653.1 | 640.0 |
| 52.5° | 670.6 | 680.3 | 686.7 | 688.5 | 686.7 | 680.3 | 670.6 | 656.3 | 640.4 | 625.6 | 614.2 |
| 55° | 634.5 | 648.2 | 655.8 | 658.6 | 655.8 | 648.2 | 634.5 | 618.7 | 603.6 | 585.0 | 568.5 |
| 57.5° | 600.4 | 613.0 | 621.8 | 623.9 | 621.8 | 613.0 | 600.4 | 581.9 | 562.3 | 542.5 | 525.0 |
| 60° | 574.0 | 587.7 | 598.7 | 600.8 | 598.7 | 587.7 | 574.0 | 555.4 | 534.9 | 515.6 | 493.6 |
| 62.5° | 547.1 | 561.4 | 571.3 | 576.6 | 571.3 | 561.4 | 547.1 | 527.4 | 505.1 | 483.7 | 461.7 |
| 65° | 500.4 | 514.9 | 524.5 | 526.6 | 524.5 | 514.9 | 500.4 | 481.2 | 457.8 | 435.1 | 416.6 |
| 67.5° | 449.6 | 464.0 | 470.4 | 474.3 | 470.4 | 464.0 | 449.6 | 431.4 | 408.4 | 384.9 | 363.8 |
| 70° | 413.8 | 425.5 | 432.4 | 435.8 | 432.4 | 425.5 | 413.8 | 394.6 | 375.3 | 351.3 | 328.6 |
| 72.5° | 373.2 | 385.4 | 393.4 | 394.0 | 393.4 | 385.4 | 373.2 | 356.6 | 336.3 | 313.9 | 293.9 |
| 75° | 310.7 | 321.8 | 325.8 | 325.8 | 325.8 | 321.8 | 310.7 | 294.9 | 278.4 | 260.5 | 240.6 |
| 77.5° | 246.0 | 251.6 | 256.8 | 258.0 | 256.8 | 251.6 | 246.0 | 234.5 | 220.9 | 203.1 | 188.0 |
| 80° | 204.1 | 207.6 | 211.7 | 211.7 | 211.7 | 207.6 | 204.1 | 193.9 | 180.8 | 165.7 | 153.9 |
| 82.5° | 161.3 | 164.2 | 168.3 | 167.7 | 168.3 | 164.2 | 161.3 | 153.2 | 142.3 | 132.2 | 121.6 |
| 85° | 97.6 | 103.8 | 103.1 | 101.8 | 103.1 | 103.8 | 97.6 | 99.0 | 88.7 | 81.8 | 72.2 |
| 87.5° | 49.8 | 50.4 | 52.1 | 53.3 | 52.1 | 50.4 | 49.8 | 48.0 | 42.9 | 39.9 | 37.4 |
| 90° | 28.7 | 29.1 | 29.5 | 30.0 | 29.5 | 29.1 | 28.7 | 28.2 | 27.4 | 26.0 | 24.7 |
| 92.5° | 43.7 | 43.9 | 44.2 | 44.4 | 44.2 | 43.9 | 43.7 | 43.3 | 42.8 | 42.0 | 41.2 |
| 95° | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 78.7 | 78.0 | 77.3 |
| 97.5° | 123.8 | 123.8 | 123.8 | 123.8 | 123.8 | 123.8 | 123.8 | 123.8 | 123.5 | 122.6 | 121.8 |
| 100° | 155.1 | 155.1 | 155.1 | 155.1 | 155.1 | 155.1 | 155.1 | 155.1 | 154.8 | 154.4 | 153.9 |
| 102.5° | 189.8 | 189.9 | 190.1 | 190.3 | 190.1 | 189.9 | 189.8 | 189.5 | 189.2 | 188.6 | 187.9 |
| 105° | 242.1 | 242.7 | 243.4 | 244.1 | 243.4 | 242.7 | 242.1 | 241.4 | 240.7 | 240.0 | 239.4 |
| 107.5° | 296.6 | 296.6 | 296.5 | 296.5 | 296.5 | 296.6 | 296.6 | 296.7 | 296.4 | 295.8 | 295.2 |
| 110° | 332.1 | 332.8 | 333.5 | 334.1 | 333.5 | 332.8 | 332.1 | 331.4 | 331.3 | 331.7 | 332.2 |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 372.1 | 372.2 | 372.4 | 372.6 | 372.4 | 372.2 | 372.1 | 372.0 | 372.0 | 372.0 | 372.1 |
| 115° | 432.8 | 432.6 | 432.4 | 432.1 | 432.4 | 432.6 | 432.8 | 433.0 | 433.3 | 433.4 | 433.7 |
| 117.5° | 490.3 | 489.8 | 489.4 | 489.0 | 489.4 | 489.8 | 490.3 | 490.8 | 491.3 | 492.1 | 492.8 |
| 120° | 530.8 | 531.2 | 531.8 | 532.2 | 531.8 | 531.2 | 530.8 | 530.4 | 530.7 | 531.8 | 533.0 |
| 122.5° | 570.6 | 569.8 | 568.9 | 568.2 | 568.9 | 569.8 | 570.6 | 571.4 | 572.1 | 572.9 | 573.7 |
| 125° | 631.5 | 631.1 | 630.6 | 630.2 | 630.6 | 631.1 | 631.5 | 632.0 | 632.4 | 632.8 | 633.3 |
| 127.5° | 688.7 | 688.3 | 687.9 | 687.6 | 687.9 | 688.3 | 688.7 | 689.1 | 689.4 | 689.9 | 690.3 |
| 130° | 727.9 | 727.0 | 726.1 | 725.2 | 726.1 | 727.0 | 727.9 | 728.8 | 729.4 | 729.9 | 730.3 |
| 132.5° | 766.3 | 765.9 | 765.6 | 765.3 | 765.6 | 765.9 | 766.3 | 766.6 | 767.1 | 767.5 | 767.9 |
| 135° | 822.3 | 821.6 | 820.9 | 820.3 | 820.9 | 821.6 | 822.3 | 822.9 | 823.5 | 823.9 | 824.4 |
| 137.5° | 877.7 | 877.8 | 878.0 | 878.0 | 878.0 | 877.8 | 877.7 | 877.5 | 877.8 | 878.3 | 878.9 |
| 140° | 914.0 | 913.7 | 913.5 | 913.3 | 913.5 | 913.7 | 914.0 | 914.2 | 914.4 | 914.6 | 914.8 |
| 142.5° | 948.6 | 948.6 | 948.6 | 948.5 | 948.6 | 948.6 | 948.6 | 948.6 | 948.7 | 948.7 | 948.8 |
| 145° | 998.3 | 997.6 | 997.0 | 996.3 | 997.0 | 997.6 | 998.3 | 998.9 | 999.4 | 999.6 | 999.9 |
| 147.5° | 1045.4 | 1045.2 | 1044.9 | 1044.7 | 1044.9 | 1045.2 | 1045.4 | 1045.6 | 1045.8 | 1046.0 | 1046.2 |
| 150° | 1075.0 | 1074.8 | 1074.5 | 1074.4 | 1074.5 | 1074.8 | 1075.0 | 1075.2 | 1075.3 | 1075.3 | 1075.3 |
| 152.5° | 1103.3 | 1102.7 | 1102.1 | 1101.6 | 1102.1 | 1102.7 | 1103.3 | 1103.9 | 1103.9 | 1103.4 | 1102.8 |
| 155° | 1142.0 | 1141.2 | 1140.2 | 1139.4 | 1140.2 | 1141.2 | 1142.0 | 1142.9 | 1142.9 | 1142.0 | 1141.2 |
| 157.5° | 1175.4 | 1174.7 | 1173.9 | 1173.2 | 1173.9 | 1174.7 | 1175.4 | 1176.2 | 1176.2 | 1175.5 | 1174.9 |
| 160° | 1195.7 | 1194.6 | 1193.5 | 1192.4 | 1193.5 | 1194.6 | 1195.7 | 1196.8 | 1197.0 | 1196.4 | 1195.7 |
| 162.5° | 1215.7 | 1214.6 | 1213.5 | 1212.4 | 1213.5 | 1214.6 | 1215.7 | 1216.9 | 1216.8 | 1215.6 | 1214.4 |
| 165° | 1241.0 | 1240.2 | 1239.2 | 1238.4 | 1239.2 | 1240.2 | 1241.0 | 1241.9 | 1241.7 | 1240.4 | 1239.1 |
| 167.5° | 1261.1 | 1259.7 | 1258.4 | 1257.0 | 1258.4 | 1259.7 | 1261.1 | 1262.5 | 1262.5 | 1261.2 | 1259.8 |
| 170° | 1272.0 | 1270.5 | 1268.9 | 1267.4 | 1268.9 | 1270.5 | 1272.0 | 1273.6 | 1273.8 | 1272.4 | 1271.1 |
| 172.5° | 1280.8 | 1279.3 | 1277.7 | 1276.2 | 1277.7 | 1279.3 | 1280.8 | 1282.5 | 1282.5 | 1280.9 | 1279.4 |
| 175° | 1290.0 | 1288.5 | 1286.9 | 1285.4 | 1286.9 | 1288.5 | 1290.0 | 1291.6 | 1291.6 | 1290.0 | 1288.5 |
| 177.5° | 1294.4 | 1293.0 | 1291.6 | 1290.2 | 1291.6 | 1293.0 | 1294.4 | 1295.9 | 1296.0 | 1294.8 | 1293.5 |
| 180° | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 |
| 2.5° | 1586.3 | 1588.5 | 1597.3 | 1605.6 | 1615.5 | 1622.6 | 1627.5 | 1633.1 | 1644.6 | 1654.0 | 1662.8 |
| 5° | 1486.3 | 1489.7 | 1507.5 | 1519.9 | 1541.2 | 1559.8 | 1574.3 | 1590.0 | 1608.6 | 1634.0 | 1657.4 |
| 7.5° | 1398.1 | 1410.9 | 1430.4 | 1450.4 | 1472.2 | 1496.5 | 1517.7 | 1541.5 | 1573.6 | 1608.4 | 1644.5 |
| 10° | 1348.1 | 1362.5 | 1383.1 | 1406.5 | 1427.1 | 1455.3 | 1481.4 | 1509.6 | 1546.0 | 1588.6 | 1631.3 |
| 12.5° | 1298.0 | 1321.8 | 1337.5 | 1365.2 | 1387.5 | 1410.7 | 1438.6 | 1475.5 | 1518.0 | 1562.8 | 1614.2 |
| 15° | 1235.3 | 1248.4 | 1278.6 | 1293.7 | 1325.3 | 1361.2 | 1388.6 | 1425.7 | 1467.0 | 1526.1 | 1583.8 |
| 17.5° | 1163.0 | 1180.2 | 1204.3 | 1233.1 | 1269.4 | 1297.4 | 1331.5 | 1369.8 | 1421.8 | 1480.5 | 1552.8 |
| 20° | 1115.7 | 1130.1 | 1159.7 | 1191.3 | 1229.9 | 1259.4 | 1295.8 | 1332.9 | 1386.6 | 1449.1 | 1524.7 |
| 22.5° | 1073.3 | 1087.3 | 1118.4 | 1147.9 | 1185.3 | 1221.4 | 1259.5 | 1302.7 | 1354.1 | 1420.0 | 1497.2 |
| 25° | 1007.8 | 1026.3 | 1053.9 | 1084.1 | 1119.8 | 1161.1 | 1202.3 | 1240.8 | 1295.8 | 1365.2 | 1447.8 |
| 27.5° | 949.6 | 964.5 | 984.4 | 1018.7 | 1059.4 | 1099.2 | 1140.1 | 1188.6 | 1241.4 | 1314.7 | 1400.4 |
| 30° | 912.2 | 926.0 | 945.9 | 977.5 | 1015.4 | 1058.0 | 1100.6 | 1147.3 | 1202.3 | 1275.2 | 1362.5 |
| 32.5° | 882.5 | 892.9 | 910.7 | 939.0 | 973.5 | 1018.4 | 1060.4 | 1108.8 | 1166.6 | 1238.4 | 1323.4 |
| 35° | 838.7 | 847.6 | 854.5 | 881.3 | 912.2 | 953.5 | 996.1 | 1047.7 | 1103.4 | 1171.4 | 1256.6 |
| 37.5° | 795.7 | 798.7 | 808.7 | 826.3 | 856.3 | 894.2 | 933.8 | 984.6 | 1041.6 | 1110.8 | 1187.6 |
| 40° | 769.2 | 770.6 | 776.8 | 793.3 | 819.4 | 855.1 | 893.6 | 943.8 | 998.2 | 1063.4 | 1139.8 |
| 42.5° | 743.4 | 742.5 | 748.2 | 759.7 | 784.2 | 816.7 | 854.6 | 900.4 | 954.7 | 1015.0 | 1086.9 |
| 45° | 702.6 | 702.6 | 701.2 | 710.8 | 730.7 | 762.3 | 794.0 | 838.0 | 883.4 | 942.5 | 1003.0 |
| 47.5° | 660.0 | 656.1 | 657.3 | 662.3 | 679.1 | 705.1 | 736.9 | 772.9 | 813.0 | 863.0 | 916.1 |
| 50° | 632.4 | 627.0 | 624.9 | 630.3 | 645.5 | 668.2 | 698.4 | 730.0 | 767.8 | 811.8 | 857.2 |
| 52.5° | 602.2 | 596.7 | 593.0 | 596.8 | 610.9 | 631.9 | 659.4 | 687.2 | 721.1 | 756.9 | 796.2 |
| 55° | 555.4 | 549.2 | 547.2 | 548.5 | 558.9 | 575.4 | 598.7 | 624.2 | 649.6 | 679.2 | 706.7 |
| 57.5° | 509.4 | 499.2 | 497.3 | 496.6 | 503.8 | 518.8 | 538.4 | 560.4 | 578.9 | 596.8 | 626.1 |
| 60° | 479.1 | 466.7 | 462.6 | 461.9 | 467.4 | 479.8 | 497.7 | 519.7 | 532.8 | 545.1 | 570.6 |
| 62.5° | 446.7 | 434.9 | 425.8 | 426.8 | 431.7 | 443.5 | 459.2 | 475.2 | 483.8 | 497.3 | 514.4 |
| 65° | 396.7 | 381.5 | 374.6 | 372.6 | 375.3 | 385.0 | 397.4 | 407.7 | 417.2 | 422.8 | 439.3 |
| 67.5° | 346.6 | 334.0 | 323.8 | 321.3 | 320.0 | 326.7 | 336.8 | 343.0 | 349.9 | 354.7 | 364.5 |
| 70° | 311.4 | 300.4 | 288.0 | 283.9 | 283.2 | 288.7 | 298.3 | 299.0 | 308.7 | 310.7 | 321.1 |
| 72.5° | 276.7 | 263.0 | 254.5 | 250.4 | 247.5 | 252.4 | 258.7 | 260.5 | 265.8 | 269.5 | 274.8 |
| 75° | 222.7 | 212.4 | 204.1 | 197.9 | 195.9 | 198.6 | 198.6 | 202.1 | 205.5 | 207.6 | 213.8 |
| 77.5° | 175.3 | 163.5 | 153.7 | 150.2 | 147.7 | 145.9 | 147.4 | 149.5 | 147.8 | 151.4 | 152.7 |
| 80° | 142.3 | 129.9 | 122.3 | 121.0 | 116.8 | 113.4 | 112.7 | 114.8 | 112.0 | 113.4 | 117.5 |
| 82.5° | 109.9 | 101.9 | 93.8 | 92.4 | 87.1 | 85.4 | 84.7 | 83.4 | 83.4 | 83.2 | 84.0 |
| 85° | 65.3 | 60.5 | 55.0 | 51.6 | 49.5 | 46.1 | 46.1 | 44.7 | 43.3 | 41.9 | 42.6 |
| 87.5° | 31.1 | 29.7 | 26.6 | 24.6 | 23.2 | 20.6 | 20.1 | 18.0 | 17.0 | 15.9 | 14.9 |
| 90° | 23.3 | 22.0 | 20.2 | 18.4 | 16.7 | 14.9 | 12.7 | 10.3 | 7.9 | 5.4 | 3.0 |
| 92.5° | 40.4 | 39.6 | 38.4 | 37.1 | 35.9 | 34.6 | 32.6 | 29.8 | 27.0 | 24.2 | 21.4 |
| 95° | 76.7 | 76.0 | 74.5 | 72.9 | 71.4 | 69.8 | 68.0 | 66.0 | 64.1 | 62.0 | 60.0 |
| 97.5° | 121.1 | 120.2 | 118.4 | 116.6 | 114.8 | 113.0 | 111.2 | 109.6 | 108.1 | 106.4 | 104.9 |
| 100° | 153.5 | 153.1 | 151.0 | 149.0 | 147.1 | 145.1 | 143.6 | 142.7 | 141.8 | 140.9 | 140.1 |
| 102.5° | 187.3 | 186.7 | 184.9 | 183.0 | 181.2 | 179.3 | 178.3 | 177.9 | 177.5 | 177.2 | 176.8 |
| 105° | 238.8 | 238.1 | 237.2 | 236.3 | 235.4 | 234.5 | 233.9 | 233.8 | 233.5 | 233.3 | 233.1 |
| 107.5° | 294.5 | 293.9 | 293.8 | 293.6 | 293.5 | 293.3 | 293.2 | 292.9 | 292.7 | 292.4 | 292.1 |
| 110° | 332.7 | 333.1 | 333.3 | 333.6 | 333.8 | 334.0 | 333.9 | 333.5 | 332.9 | 332.5 | 332.1 |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 372.2 | 372.3 | 372.7 | 373.2 | 373.5 | 373.9 | 374.1 | 374.0 | 373.9 | 373.8 | 373.7 |
| 115° | 433.9 | 434.1 | 434.5 | 435.1 | 435.5 | 435.9 | 436.1 | 436.1 | 436.1 | 436.1 | 436.1 |
| 117.5° | 493.6 | 494.4 | 494.6 | 495.0 | 495.2 | 495.6 | 495.7 | 495.5 | 495.3 | 495.2 | 495.0 |
| 120° | 534.1 | 535.2 | 535.8 | 536.5 | 537.2 | 537.9 | 537.7 | 536.8 | 536.0 | 535.0 | 534.2 |
| 122.5° | 574.5 | 575.1 | 575.5 | 575.8 | 576.1 | 576.4 | 576.4 | 576.0 | 575.7 | 575.3 | 575.0 |
| 125° | 633.8 | 634.2 | 634.4 | 634.6 | 634.9 | 635.1 | 635.2 | 635.2 | 635.2 | 635.2 | 635.2 |
| 127.5° | 690.8 | 691.2 | 691.6 | 691.9 | 692.2 | 692.7 | 692.5 | 691.8 | 691.1 | 690.5 | 689.8 |
| 130° | 730.8 | 731.2 | 731.2 | 731.2 | 731.2 | 731.2 | 730.9 | 730.2 | 729.5 | 728.9 | 728.2 |
| 132.5° | 768.4 | 768.9 | 769.0 | 769.2 | 769.4 | 769.6 | 769.4 | 768.9 | 768.4 | 767.9 | 767.4 |
| 135° | 824.8 | 825.3 | 825.3 | 825.3 | 825.3 | 825.3 | 824.6 | 823.3 | 821.9 | 820.6 | 819.2 |
| 137.5° | 879.5 | 880.0 | 879.7 | 879.3 | 879.0 | 878.7 | 878.1 | 877.5 | 876.9 | 876.3 | 875.6 |
| 140° | 915.1 | 915.2 | 915.2 | 915.2 | 915.2 | 915.2 | 915.1 | 914.6 | 914.2 | 913.7 | 913.3 |
| 142.5° | 948.8 | 948.9 | 949.1 | 949.3 | 949.4 | 949.6 | 949.5 | 949.0 | 948.6 | 948.1 | 947.7 |
| 145° | 1000.1 | 1000.3 | 1000.1 | 999.9 | 999.6 | 999.4 | 998.8 | 998.0 | 997.1 | 996.2 | 995.3 |
| 147.5° | 1046.4 | 1046.5 | 1046.7 | 1046.9 | 1047.1 | 1047.2 | 1046.8 | 1045.7 | 1044.7 | 1043.6 | 1042.5 |
| 150° | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1074.9 | 1074.0 | 1073.2 | 1072.2 | 1071.3 |
| 152.5° | 1102.3 | 1101.7 | 1101.6 | 1101.4 | 1101.2 | 1101.0 | 1100.7 | 1100.1 | 1099.6 | 1099.1 | 1098.5 |
| 155° | 1140.2 | 1139.4 | 1139.5 | 1139.8 | 1140.1 | 1140.2 | 1140.3 | 1140.3 | 1140.3 | 1140.3 | 1140.3 |
| 157.5° | 1174.2 | 1173.5 | 1173.6 | 1173.6 | 1173.7 | 1173.7 | 1174.0 | 1174.4 | 1174.7 | 1175.2 | 1175.5 |
| 160° | 1195.1 | 1194.4 | 1194.6 | 1194.8 | 1195.1 | 1195.2 | 1195.5 | 1195.7 | 1195.9 | 1196.2 | 1196.4 |
| 162.5° | 1213.1 | 1211.9 | 1212.2 | 1212.5 | 1212.6 | 1212.9 | 1213.2 | 1213.8 | 1214.4 | 1215.0 | 1215.6 |
| 165° | 1237.7 | 1236.4 | 1236.8 | 1237.3 | 1237.7 | 1238.1 | 1238.7 | 1239.4 | 1240.0 | 1240.7 | 1241.4 |
| 167.5° | 1258.5 | 1257.1 | 1257.1 | 1257.1 | 1257.1 | 1257.0 | 1257.5 | 1258.4 | 1259.3 | 1260.2 | 1261.2 |
| 170° | 1269.7 | 1268.4 | 1268.2 | 1267.9 | 1267.7 | 1267.5 | 1267.9 | 1269.0 | 1270.1 | 1271.3 | 1272.4 |
| 172.5° | 1277.9 | 1276.4 | 1276.3 | 1276.3 | 1276.3 | 1276.2 | 1276.7 | 1277.6 | 1278.5 | 1279.4 | 1280.4 |
| 175° | 1286.9 | 1285.4 | 1285.6 | 1285.8 | 1286.1 | 1286.2 | 1286.9 | 1288.1 | 1289.2 | 1290.3 | 1291.4 |
| 177.5° | 1292.3 | 1291.0 | 1291.0 | 1291.0 | 1291.0 | 1291.0 | 1291.4 | 1292.4 | 1293.2 | 1294.1 | 1295.0 |
| 180° | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 |
| 2.5° | 1670.4 | 1675.9 | 1683.1 | 1695.2 | 1699.6 | 1705.1 | 1712.8 | 1712.3 | 1714.4 | 1722.7 | 1740.3 |
| 5° | 1676.6 | 1698.0 | 1718.6 | 1743.4 | 1769.4 | 1786.7 | 1810.0 | 1824.5 | 1838.9 | 1857.4 | 1889.0 |
| 7.5° | 1679.1 | 1713.0 | 1750.8 | 1794.2 | 1832.8 | 1877.4 | 1912.2 | 1944.9 | 1974.4 | 2013.6 | 2051.3 |
| 10° | 1675.2 | 1720.6 | 1769.4 | 1824.5 | 1882.8 | 1932.3 | 1977.0 | 2027.9 | 2071.2 | 2118.7 | 2161.3 |
| 12.5° | 1668.1 | 1722.9 | 1788.1 | 1849.8 | 1918.0 | 1991.2 | 2046.9 | 2098.3 | 2155.9 | 2210.5 | 2276.2 |
| 15° | 1651.9 | 1726.8 | 1803.1 | 1884.2 | 1975.7 | 2060.2 | 2140.7 | 2207.3 | 2269.3 | 2351.0 | 2437.0 |
| 17.5° | 1631.3 | 1712.1 | 1808.4 | 1906.5 | 2002.1 | 2098.8 | 2198.3 | 2298.5 | 2376.6 | 2478.2 | 2545.5 |
| 20° | 1612.1 | 1705.6 | 1804.5 | 1921.4 | 2016.9 | 2137.3 | 2236.2 | 2333.1 | 2440.4 | 2541.4 | 2621.8 |
| 22.5° | 1585.1 | 1687.4 | 1792.4 | 1908.8 | 2034.5 | 2154.8 | 2269.3 | 2374.4 | 2481.7 | 2591.5 | 2689.0 |
| 25° | 1550.8 | 1643.6 | 1768.1 | 1900.1 | 2025.2 | 2155.8 | 2287.1 | 2419.1 | 2534.5 | 2650.8 | 2741.5 |
| 27.5° | 1492.5 | 1609.7 | 1725.6 | 1861.8 | 2000.9 | 2148.6 | 2289.1 | 2427.2 | 2548.2 | 2643.7 | 2699.9 |
| 30° | 1462.8 | 1564.6 | 1690.4 | 1827.2 | 1977.7 | 2136.6 | 2282.9 | 2418.4 | 2531.2 | 2607.5 | 2630.1 |
| 32.5° | 1418.8 | 1523.9 | 1646.9 | 1788.7 | 1948.0 | 2111.3 | 2263.7 | 2391.4 | 2485.4 | 2525.5 | 2498.1 |
| 35° | 1353.6 | 1448.5 | 1572.9 | 1717.9 | 1883.5 | 2057.4 | 2208.0 | 2315.9 | 2364.0 | 2326.2 | 2232.1 |
| 37.5° | 1275.2 | 1369.2 | 1494.2 | 1636.7 | 1808.1 | 1984.9 | 2121.0 | 2198.6 | 2182.7 | 2088.7 | 1948.4 |
| 40° | 1220.2 | 1308.2 | 1427.1 | 1581.1 | 1748.2 | 1925.5 | 2045.1 | 2087.1 | 2043.1 | 1908.3 | 1759.1 |
| 42.5° | 1159.2 | 1244.9 | 1364.4 | 1512.9 | 1689.9 | 1853.5 | 1957.7 | 1961.1 | 1887.4 | 1726.3 | 1576.6 |
| 45° | 1066.2 | 1148.0 | 1260.8 | 1415.4 | 1579.1 | 1733.0 | 1801.7 | 1768.1 | 1631.9 | 1476.6 | 1326.0 |
| 47.5° | 974.5 | 1045.4 | 1156.5 | 1303.4 | 1458.7 | 1588.4 | 1622.5 | 1561.9 | 1416.8 | 1266.0 | 1126.4 |
| 50° | 907.4 | 978.9 | 1083.4 | 1223.7 | 1373.5 | 1485.6 | 1502.0 | 1421.6 | 1279.3 | 1127.4 | 1018.0 |
| 52.5° | 843.1 | 914.0 | 1014.7 | 1144.4 | 1281.7 | 1382.7 | 1383.3 | 1290.2 | 1148.4 | 1013.0 | 911.4 |
| 55° | 748.6 | 812.5 | 903.3 | 1019.4 | 1141.9 | 1220.9 | 1201.6 | 1105.4 | 982.3 | 864.8 | 776.1 |
| 57.5° | 657.6 | 713.3 | 796.9 | 893.8 | 1001.6 | 1066.8 | 1034.8 | 942.2 | 832.3 | 732.6 | 665.5 |
| 60° | 598.7 | 651.7 | 723.2 | 814.6 | 905.3 | 956.2 | 926.0 | 842.1 | 741.1 | 660.6 | 602.2 |
| 62.5° | 541.6 | 586.3 | 655.0 | 734.3 | 818.5 | 856.1 | 829.1 | 746.4 | 659.1 | 586.3 | 539.0 |
| 65° | 460.5 | 497.1 | 552.0 | 620.1 | 681.2 | 713.6 | 690.9 | 613.9 | 547.2 | 495.0 | 457.1 |
| 67.5° | 385.0 | 413.5 | 455.0 | 509.6 | 561.6 | 579.1 | 558.4 | 504.9 | 448.3 | 406.6 | 379.9 |
| 70° | 332.7 | 359.6 | 394.6 | 436.5 | 481.9 | 500.4 | 479.8 | 437.2 | 391.2 | 352.7 | 326.5 |
| 72.5° | 287.1 | 307.8 | 337.4 | 373.2 | 408.7 | 427.3 | 413.3 | 372.3 | 333.4 | 304.8 | 282.5 |
| 75° | 218.6 | 236.5 | 257.1 | 282.5 | 310.0 | 322.4 | 310.0 | 281.8 | 255.0 | 233.8 | 217.9 |
| 77.5° | 158.9 | 168.6 | 184.5 | 203.5 | 220.7 | 230.1 | 219.5 | 200.4 | 184.0 | 169.4 | 161.5 |
| 80° | 121.0 | 127.9 | 138.9 | 153.9 | 165.7 | 174.6 | 167.7 | 151.9 | 138.9 | 129.2 | 125.8 |
| 82.5° | 88.0 | 92.6 | 99.8 | 111.1 | 118.9 | 123.5 | 120.5 | 109.0 | 103.7 | 95.1 | 91.7 |
| 85° | 43.3 | 46.1 | 50.9 | 54.3 | 61.2 | 61.9 | 62.6 | 57.8 | 53.0 | 50.9 | 48.1 |
| 87.5° | 15.9 | 17.0 | 19.1 | 21.3 | 23.8 | 24.8 | 24.6 | 25.0 | 23.1 | 22.8 | 20.9 |
| 90° | 5.4 | 7.9 | 10.3 | 12.7 | 14.9 | 16.7 | 18.4 | 20.2 | 22.0 | 23.3 | 24.7 |
| 92.5° | 24.2 | 27.0 | 29.8 | 32.6 | 34.6 | 35.9 | 37.1 | 38.4 | 39.6 | 40.4 | 41.2 |
| 95° | 62.0 | 64.1 | 66.0 | 68.0 | 69.8 | 71.4 | 72.9 | 74.5 | 76.0 | 76.7 | 77.3 |
| 97.5° | 106.4 | 108.1 | 109.6 | 111.2 | 113.0 | 114.8 | 116.6 | 118.4 | 120.2 | 121.1 | 121.8 |
| 100° | 140.9 | 141.8 | 142.7 | 143.6 | 145.1 | 147.1 | 149.0 | 151.0 | 153.1 | 153.5 | 153.9 |
| 102.5° | 177.2 | 177.5 | 177.9 | 178.3 | 179.3 | 181.2 | 183.0 | 184.9 | 186.7 | 187.3 | 187.9 |
| 105° | 233.3 | 233.5 | 233.8 | 233.9 | 234.5 | 235.4 | 236.3 | 237.2 | 238.1 | 238.8 | 239.4 |
| 107.5° | 292.4 | 292.7 | 292.9 | 293.2 | 293.3 | 293.5 | 293.6 | 293.8 | 293.9 | 294.5 | 295.2 |
| 110° | 332.5 | 332.9 | 333.5 | 333.9 | 334.0 | 333.8 | 333.6 | 333.3 | 333.1 | 332.7 | 332.2 |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 373.8 | 373.9 | 374.0 | 374.1 | 373.9 | 373.5 | 373.2 | 372.7 | 372.3 | 372.2 | 372.1 |
| 115° | 436.1 | 436.1 | 436.1 | 436.1 | 435.9 | 435.5 | 435.1 | 434.5 | 434.1 | 433.9 | 433.7 |
| 117.5° | 495.2 | 495.3 | 495.5 | 495.7 | 495.6 | 495.2 | 495.0 | 494.6 | 494.4 | 493.6 | 492.8 |
| 120° | 535.0 | 536.0 | 536.8 | 537.7 | 537.9 | 537.2 | 536.5 | 535.8 | 535.2 | 534.1 | 533.0 |
| 122.5° | 575.3 | 575.7 | 576.0 | 576.4 | 576.4 | 576.1 | 575.8 | 575.5 | 575.1 | 574.5 | 573.7 |
| 125° | 635.2 | 635.2 | 635.2 | 635.2 | 635.1 | 634.9 | 634.6 | 634.4 | 634.2 | 633.8 | 633.3 |
| 127.5° | 690.5 | 691.1 | 691.8 | 692.5 | 692.7 | 692.2 | 691.9 | 691.6 | 691.2 | 690.8 | 690.3 |
| 130° | 728.9 | 729.5 | 730.2 | 730.9 | 731.2 | 731.2 | 731.2 | 731.2 | 731.2 | 730.8 | 730.3 |
| 132.5° | 767.9 | 768.4 | 768.9 | 769.4 | 769.6 | 769.4 | 769.2 | 769.0 | 768.9 | 768.4 | 767.9 |
| 135° | 820.6 | 821.9 | 823.3 | 824.6 | 825.3 | 825.3 | 825.3 | 825.3 | 825.3 | 824.8 | 824.4 |
| 137.5° | 876.3 | 876.9 | 877.5 | 878.1 | 878.7 | 879.0 | 879.3 | 879.7 | 880.0 | 879.5 | 878.9 |
| 140° | 913.7 | 914.2 | 914.6 | 915.1 | 915.2 | 915.2 | 915.2 | 915.2 | 915.2 | 915.1 | 914.8 |
| 142.5° | 948.1 | 948.6 | 949.0 | 949.5 | 949.6 | 949.4 | 949.3 | 949.1 | 948.9 | 948.8 | 948.8 |
| 145° | 996.2 | 997.1 | 998.0 | 998.8 | 999.4 | 999.6 | 999.9 | 1000.1 | 1000.3 | 1000.1 | 999.9 |
| 147.5° | 1043.6 | 1044.7 | 1045.7 | 1046.8 | 1047.2 | 1047.1 | 1046.9 | 1046.7 | 1046.5 | 1046.4 | 1046.2 |
| 150° | 1072.2 | 1073.2 | 1074.0 | 1074.9 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.3 | 1075.3 |
| 152.5° | 1099.1 | 1099.6 | 1100.1 | 1100.7 | 1101.0 | 1101.2 | 1101.4 | 1101.6 | 1101.7 | 1102.3 | 1102.8 |
| 155° | 1140.3 | 1140.3 | 1140.3 | 1140.3 | 1140.2 | 1140.1 | 1139.8 | 1139.5 | 1139.4 | 1140.2 | 1141.2 |
| 157.5° | 1175.2 | 1174.7 | 1174.4 | 1174.0 | 1173.7 | 1173.7 | 1173.6 | 1173.6 | 1173.5 | 1174.2 | 1174.9 |
| 160° | 1196.2 | 1195.9 | 1195.7 | 1195.5 | 1195.2 | 1195.1 | 1194.8 | 1194.6 | 1194.4 | 1195.1 | 1195.7 |
| 162.5° | 1215.0 | 1214.4 | 1213.8 | 1213.2 | 1212.9 | 1212.6 | 1212.5 | 1212.2 | 1211.9 | 1213.1 | 1214.4 |
| 165° | 1240.7 | 1240.0 | 1239.4 | 1238.7 | 1238.1 | 1237.7 | 1237.3 | 1236.8 | 1236.4 | 1237.7 | 1239.1 |
| 167.5° | 1260.2 | 1259.3 | 1258.4 | 1257.5 | 1257.0 | 1257.1 | 1257.1 | 1257.1 | 1257.1 | 1258.5 | 1259.8 |
| 170° | 1271.3 | 1270.1 | 1269.0 | 1267.9 | 1267.5 | 1267.7 | 1267.9 | 1268.2 | 1268.4 | 1269.7 | 1271.1 |
| 172.5° | 1279.4 | 1278.5 | 1277.6 | 1276.7 | 1276.2 | 1276.3 | 1276.3 | 1276.3 | 1276.4 | 1277.9 | 1279.4 |
| 175° | 1290.3 | 1289.2 | 1288.1 | 1286.9 | 1286.2 | 1286.1 | 1285.8 | 1285.6 | 1285.4 | 1286.9 | 1288.5 |
| 177.5° | 1294.1 | 1293.2 | 1292.4 | 1291.4 | 1291.0 | 1291.0 | 1291.0 | 1291.0 | 1291.0 | 1292.3 | 1293.5 |
| 180° | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 | 1659.5 |
| 2.5° | 1749.1 | 1750.2 | 1755.1 | 1759.0 | 1760.1 | 1765.6 | 1766.2 |
| 5° | 1902.8 | 1914.5 | 1937.2 | 1939.2 | 1942.7 | 1960.6 | 1946.8 |
| 7.5° | 2082.9 | 2112.6 | 2132.4 | 2149.9 | 2156.2 | 2164.0 | 2162.4 |
| 10° | 2198.4 | 2242.4 | 2264.4 | 2299.5 | 2300.9 | 2309.8 | 2304.3 |
| 12.5° | 2314.5 | 2365.6 | 2405.7 | 2412.2 | 2441.6 | 2446.2 | 2453.8 |
| 15° | 2478.9 | 2533.1 | 2588.9 | 2608.8 | 2649.4 | 2659.0 | 2674.1 |
| 17.5° | 2633.5 | 2689.0 | 2728.0 | 2779.6 | 2796.2 | 2818.5 | 2803.3 |
| 20° | 2718.1 | 2778.6 | 2828.1 | 2868.7 | 2885.8 | 2898.2 | 2896.8 |
| 22.5° | 2769.2 | 2830.3 | 2870.4 | 2901.1 | 2917.2 | 2922.4 | 2922.1 |
| 25° | 2801.3 | 2836.3 | 2848.7 | 2860.4 | 2842.5 | 2836.3 | 2839.1 |
| 27.5° | 2712.2 | 2703.1 | 2670.8 | 2628.5 | 2584.5 | 2549.5 | 2530.6 |
| 30° | 2589.5 | 2535.9 | 2487.2 | 2401.8 | 2357.9 | 2331.8 | 2308.4 |
| 32.5° | 2415.8 | 2330.8 | 2236.9 | 2158.8 | 2108.8 | 2070.0 | 2064.2 |
| 35° | 2118.0 | 1990.1 | 1875.3 | 1779.8 | 1730.3 | 1688.3 | 1678.7 |
| 37.5° | 1800.7 | 1667.8 | 1564.4 | 1480.3 | 1427.1 | 1397.6 | 1369.9 |
| 40° | 1590.0 | 1475.9 | 1374.2 | 1302.7 | 1262.1 | 1240.8 | 1223.7 |
| 42.5° | 1427.8 | 1323.6 | 1222.4 | 1167.9 | 1131.3 | 1118.2 | 1108.1 |
| 45° | 1203.7 | 1106.7 | 1036.6 | 995.4 | 974.0 | 952.1 | 941.8 |
| 47.5° | 1024.2 | 945.4 | 899.1 | 864.1 | 841.3 | 828.2 | 821.7 |
| 50° | 922.6 | 857.9 | 816.7 | 789.9 | 769.2 | 758.9 | 753.5 |
| 52.5° | 832.3 | 779.3 | 744.6 | 723.3 | 709.3 | 701.7 | 699.6 |
| 55° | 717.0 | 676.4 | 654.4 | 635.8 | 625.6 | 618.7 | 616.0 |
| 57.5° | 623.2 | 592.0 | 574.1 | 558.9 | 554.9 | 549.1 | 547.2 |
| 60° | 561.6 | 537.6 | 522.5 | 512.1 | 508.7 | 501.8 | 503.2 |
| 62.5° | 507.2 | 487.5 | 474.6 | 468.7 | 464.2 | 458.4 | 460.3 |
| 65° | 429.0 | 414.5 | 407.7 | 402.2 | 396.7 | 393.2 | 396.0 |
| 67.5° | 359.9 | 350.1 | 340.7 | 337.5 | 334.8 | 334.2 | 331.3 |
| 70° | 314.9 | 306.6 | 298.3 | 296.3 | 296.3 | 293.5 | 292.8 |
| 72.5° | 271.4 | 265.4 | 259.8 | 258.3 | 256.1 | 257.3 | 254.3 |
| 75° | 209.7 | 204.8 | 202.8 | 200.7 | 200.0 | 200.0 | 197.9 |
| 77.5° | 155.0 | 151.4 | 148.1 | 148.1 | 145.6 | 144.6 | 144.4 |
| 80° | 117.5 | 116.1 | 113.4 | 113.4 | 112.0 | 112.7 | 111.3 |
| 82.5° | 88.4 | 86.4 | 85.9 | 84.8 | 82.9 | 83.0 | 81.7 |
| 85° | 47.4 | 45.4 | 44.7 | 42.6 | 41.2 | 42.6 | 41.2 |
| 87.5° | 21.7 | 21.4 | 21.0 | 20.1 | 19.5 | 19.6 | 18.1 |
| 90° | 26.0 | 27.4 | 28.2 | 28.7 | 29.1 | 29.5 | 30.0 |
| 92.5° | 42.0 | 42.8 | 43.3 | 43.7 | 43.9 | 44.2 | 44.4 |
| 95° | 78.0 | 78.7 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| 97.5° | 122.6 | 123.5 | 123.8 | 123.8 | 123.8 | 123.8 | 123.8 |
| 100° | 154.4 | 154.8 | 155.1 | 155.1 | 155.1 | 155.1 | 155.1 |
| 102.5° | 188.6 | 189.2 | 189.5 | 189.8 | 189.9 | 190.1 | 190.3 |
| 105° | 240.0 | 240.7 | 241.4 | 242.1 | 242.7 | 243.4 | 244.1 |
| 107.5° | 295.8 | 296.4 | 296.7 | 296.6 | 296.6 | 296.5 | 296.5 |
| 110° | 331.7 | 331.3 | 331.4 | 332.1 | 332.8 | 333.5 | 334.1 |



TEST NUMBER: P332707-935

CATALOG NUMBER: SA4XXDIP-C1195D1205U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 372.0 | 372.0 | 372.0 | 372.1 | 372.2 | 372.4 | 372.6 |
| 115° | 433.4 | 433.3 | 433.0 | 432.8 | 432.6 | 432.4 | 432.1 |
| 117.5° | 492.1 | 491.3 | 490.8 | 490.3 | 489.8 | 489.4 | 489.0 |
| 120° | 531.8 | 530.7 | 530.4 | 530.8 | 531.2 | 531.8 | 532.2 |
| 122.5° | 572.9 | 572.1 | 571.4 | 570.6 | 569.8 | 568.9 | 568.2 |
| 125° | 632.8 | 632.4 | 632.0 | 631.5 | 631.1 | 630.6 | 630.2 |
| 127.5° | 689.9 | 689.4 | 689.1 | 688.7 | 688.3 | 687.9 | 687.6 |
| 130° | 729.9 | 729.4 | 728.8 | 727.9 | 727.0 | 726.1 | 725.2 |
| 132.5° | 767.5 | 767.1 | 766.6 | 766.3 | 765.9 | 765.6 | 765.3 |
| 135° | 823.9 | 823.5 | 822.9 | 822.3 | 821.6 | 820.9 | 820.3 |
| 137.5° | 878.3 | 877.8 | 877.5 | 877.7 | 877.8 | 878.0 | 878.0 |
| 140° | 914.6 | 914.4 | 914.2 | 914.0 | 913.7 | 913.5 | 913.3 |
| 142.5° | 948.7 | 948.7 | 948.6 | 948.6 | 948.6 | 948.6 | 948.5 |
| 145° | 999.6 | 999.4 | 998.9 | 998.3 | 997.6 | 997.0 | 996.3 |
| 147.5° | 1046.0 | 1045.8 | 1045.6 | 1045.4 | 1045.2 | 1044.9 | 1044.7 |
| 150° | 1075.3 | 1075.3 | 1075.2 | 1075.0 | 1074.8 | 1074.5 | 1074.4 |
| 152.5° | 1103.4 | 1103.9 | 1103.9 | 1103.3 | 1102.7 | 1102.1 | 1101.6 |
| 155° | 1142.0 | 1142.9 | 1142.9 | 1142.0 | 1141.2 | 1140.2 | 1139.4 |
| 157.5° | 1175.5 | 1176.2 | 1176.2 | 1175.4 | 1174.7 | 1173.9 | 1173.2 |
| 160° | 1196.4 | 1197.0 | 1196.8 | 1195.7 | 1194.6 | 1193.5 | 1192.4 |
| 162.5° | 1215.6 | 1216.8 | 1216.9 | 1215.7 | 1214.6 | 1213.5 | 1212.4 |
| 165° | 1240.4 | 1241.7 | 1241.9 | 1241.0 | 1240.2 | 1239.2 | 1238.4 |
| 167.5° | 1261.2 | 1262.5 | 1262.5 | 1261.1 | 1259.7 | 1258.4 | 1257.0 |
| 170° | 1272.4 | 1273.8 | 1273.6 | 1272.0 | 1270.5 | 1268.9 | 1267.4 |
| 172.5° | 1280.9 | 1282.5 | 1282.5 | 1280.8 | 1279.3 | 1277.7 | 1276.2 |
| 175° | 1290.0 | 1291.6 | 1291.6 | 1290.0 | 1288.5 | 1286.9 | 1285.4 |
| 177.5° | 1294.8 | 1296.0 | 1295.9 | 1294.4 | 1293.0 | 1291.6 | 1290.2 |
| 180° | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 | 1293.4 |

(END OF REPORT)