

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: P332697-940

Luminaire Tested: **SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332697-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1035 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

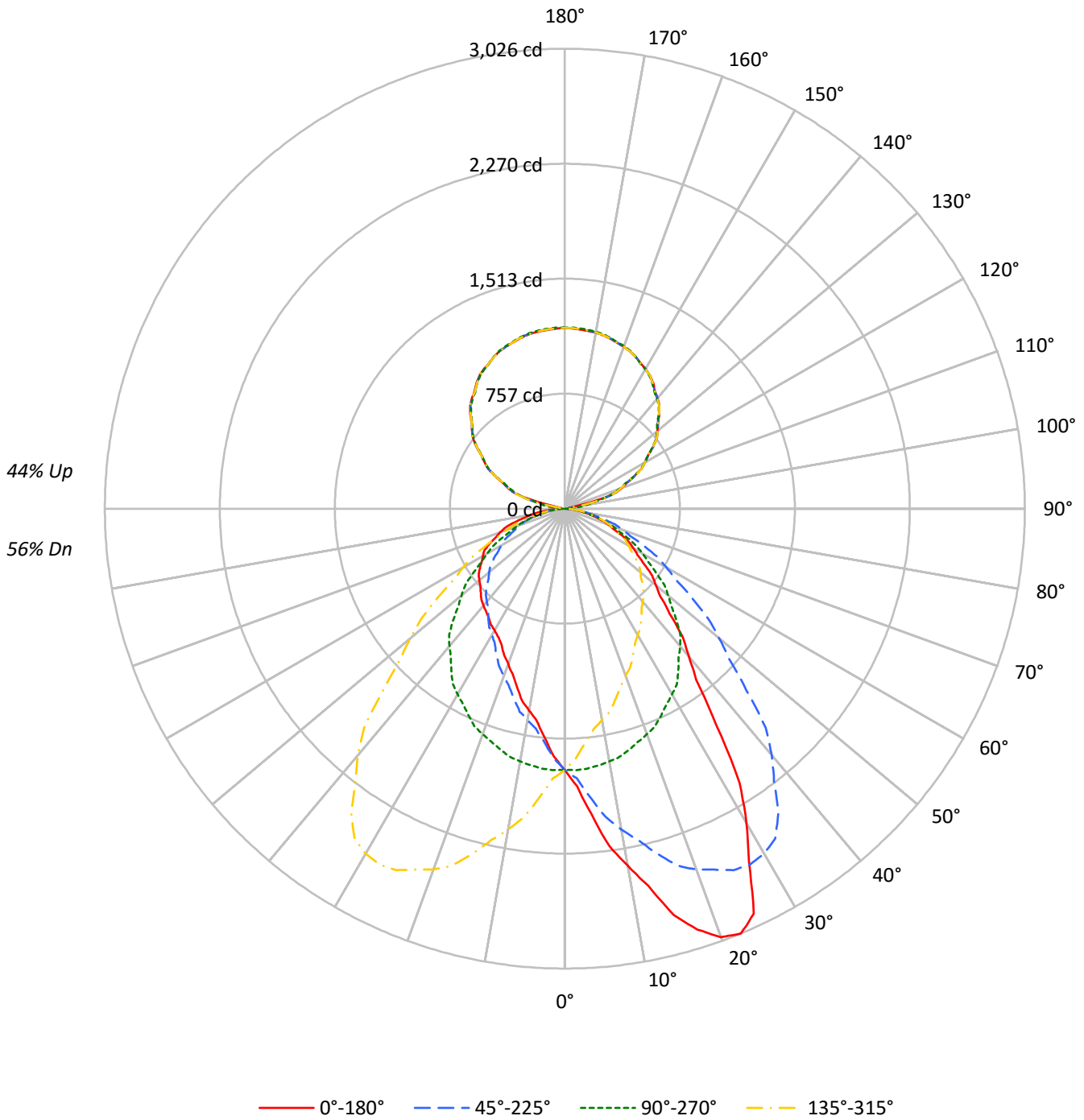
Lumens per Lamp: N/A
Luminaire Lumens: 8426.7 lumens
Efficiency: N/A
Efficacy: 126.1 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 66.8
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: P332697-940
CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

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 | 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 | 77 | 74 | 72 | 65 | 64 | 62 | 55 | 54 | 53 | 48 | | | | |
| 2 | 91 | 83 | 77 | 72 | 84 | 78 | 73 | 68 | 67 | 63 | 60 | 58 | 55 | 52 | 49 | 47 | 45 | 41 | | | | |
| 3 | 83 | 74 | 66 | 60 | 77 | 69 | 62 | 57 | 60 | 55 | 51 | 51 | 48 | 44 | 43 | 41 | 38 | 35 | | | | |
| 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 | 39 | 60 | 49 | 42 | 37 | 43 | 37 | 33 | 37 | 33 | 29 | 32 | 29 | 26 | 23 | | | | |
| 7 | 60 | 47 | 39 | 34 | 55 | 45 | 37 | 32 | 39 | 33 | 29 | 34 | 30 | 26 | 29 | 26 | 23 | 21 | | | | |
| 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° | 13875 | 13875 | 13875 | 13875 |
| 5° | 16339 | 13910 | 12277 | 13910 |
| 10° | 19563 | 13849 | 11053 | 13849 |
| 15° | 23147 | 13709 | 10151 | 13709 |
| 20° | 25775 | 13566 | 9346 | 13566 |
| 25° | 26191 | 13356 | 8790 | 13356 |
| 30° | 22287 | 13154 | 8614 | 13154 |
| 35° | 17134 | 12827 | 8615 | 12827 |
| 40° | 13355 | 12440 | 8778 | 12440 |
| 45° | 11136 | 11860 | 8926 | 11860 |
| 50° | 9800 | 11150 | 9229 | 11150 |
| 55° | 8978 | 10301 | 9600 | 10301 |
| 60° | 8414 | 9541 | 10046 | 9541 |
| 65° | 7834 | 8692 | 10418 | 8692 |
| 70° | 7159 | 7848 | 10655 | 7848 |
| 75° | 6394 | 6906 | 10524 | 6906 |
| 80° | 5360 | 5658 | 10195 | 5658 |
| 85° | 3955 | 4085 | 9763 | 4085 |



TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 167.4 | 2.0 |
| 10°-20° | 516.1 | 6.1 |
| 20°-30° | 818.4 | 9.7 |
| 30°-40° | 910.7 | 10.8 |
| 40°-50° | 829.0 | 9.8 |
| 50°-60° | 677.5 | 8.0 |
| 60°-70° | 483.6 | 5.7 |
| 70°-80° | 266.3 | 3.2 |
| 80°-90° | 76.1 | 0.9 |
| 90°-100° | 40.7 | 0.5 |
| 100°-110° | 259.5 | 3.1 |
| 110°-120° | 496.5 | 5.9 |
| 120°-130° | 630.3 | 7.5 |
| 130°-140° | 674.3 | 8.0 |
| 140°-150° | 630.6 | 7.5 |
| 150°-160° | 508.5 | 6.0 |
| 160°-170° | 328.0 | 3.9 |
| 170°-180° | 113.0 | 1.3 |
| 0°-30° | 1501.9 | 17.8 |
| 0°-40° | 2412.6 | 28.6 |
| 0°-60° | 3919.1 | 46.5 |
| 0°-90° | 4745.2 | 56.3 |
| 90°-120° | 796.7 | 9.5 |
| 90°-150° | 2731.9 | 32.4 |
| 90°-180° | 3681.0 | 43.7 |
| 0°-180° | 8426.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1719 | 1719 | 1719 | 1719 | 1719 | |
| 5° | 2016 | 1716 | 1515 | 1716 | 2016 | 205 |
| 15° | 2770 | 1640 | 1215 | 1640 | 2770 | 782 |
| 25° | 2940 | 1499 | 987 | 1499 | 2940 | 1296 |
| 35° | 1739 | 1302 | 874 | 1302 | 1739 | 1104 |
| 45° | 975 | 1039 | 782 | 1039 | 975 | 768 |
| 55° | 638 | 732 | 682 | 732 | 638 | 576 |
| 65° | 410 | 455 | 545 | 455 | 410 | 406 |
| 75° | 205 | 221 | 337 | 221 | 205 | 218 |
| 85° | 43 | 44 | 105 | 44 | 43 | 53 |
| 90° | 27 | 3 | 27 | 3 | 27 | 13 |
| 95° | 26 | 49 | 26 | 49 | 26 | 21 |
| 105° | 254 | 268 | 254 | 268 | 254 | 221 |
| 115° | 504 | 500 | 504 | 500 | 504 | 499 |
| 125° | 709 | 703 | 709 | 703 | 709 | 631 |
| 135° | 879 | 872 | 879 | 872 | 879 | 676 |
| 145° | 1011 | 1006 | 1011 | 1006 | 1011 | 632 |
| 155° | 1102 | 1103 | 1102 | 1103 | 1102 | 508 |
| 165° | 1158 | 1163 | 1158 | 1163 | 1158 | 327 |
| 175° | 1183 | 1190 | 1183 | 1190 | 1183 | 113 |
| 180° | 1190 | 1190 | 1190 | 1190 | 1190 | |



TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 |
| 2.5° | 1829.2 | 1828.5 | 1822.9 | 1821.8 | 1817.8 | 1812.7 | 1811.5 | 1802.4 | 1784.1 | 1775.6 | 1773.3 |
| 5° | 2016.2 | 2030.5 | 2012.0 | 2008.4 | 2006.3 | 1982.8 | 1970.7 | 1956.4 | 1923.7 | 1904.5 | 1889.5 |
| 7.5° | 2239.5 | 2241.2 | 2233.1 | 2226.6 | 2208.5 | 2188.0 | 2157.2 | 2124.5 | 2085.4 | 2044.9 | 2014.3 |
| 10° | 2386.5 | 2392.2 | 2382.9 | 2381.5 | 2345.2 | 2322.4 | 2276.8 | 2238.4 | 2194.2 | 2145.1 | 2100.2 |
| 12.5° | 2541.4 | 2533.4 | 2528.7 | 2498.2 | 2491.5 | 2450.0 | 2397.0 | 2357.4 | 2289.4 | 2232.8 | 2173.2 |
| 15° | 2769.5 | 2753.9 | 2743.9 | 2701.9 | 2681.2 | 2623.5 | 2567.3 | 2523.9 | 2434.9 | 2350.2 | 2286.1 |
| 17.5° | 2903.3 | 2919.0 | 2895.9 | 2878.7 | 2825.3 | 2784.9 | 2727.4 | 2636.3 | 2566.6 | 2461.4 | 2380.5 |
| 20° | 3000.2 | 3001.6 | 2988.7 | 2971.0 | 2929.0 | 2877.7 | 2815.0 | 2715.3 | 2632.1 | 2527.5 | 2416.4 |
| 22.5° | 3026.4 | 3026.6 | 3021.2 | 3004.6 | 2972.8 | 2931.2 | 2868.0 | 2784.9 | 2684.0 | 2570.2 | 2459.1 |
| 25° | 2940.3 | 2937.5 | 2943.9 | 2962.4 | 2950.3 | 2937.5 | 2901.2 | 2839.3 | 2745.3 | 2624.9 | 2505.4 |
| 27.5° | 2620.8 | 2640.4 | 2676.6 | 2722.2 | 2766.1 | 2799.5 | 2809.0 | 2796.2 | 2738.0 | 2639.1 | 2513.7 |
| 30° | 2390.8 | 2414.9 | 2442.0 | 2487.5 | 2575.9 | 2626.4 | 2681.9 | 2723.9 | 2700.5 | 2621.5 | 2504.6 |
| 32.5° | 2137.9 | 2143.9 | 2184.0 | 2235.8 | 2316.7 | 2414.0 | 2502.0 | 2587.2 | 2615.6 | 2574.1 | 2476.7 |
| 35° | 1738.6 | 1748.6 | 1792.0 | 1843.3 | 1942.2 | 2061.1 | 2193.5 | 2311.7 | 2409.2 | 2448.4 | 2398.5 |
| 37.5° | 1418.8 | 1447.4 | 1478.0 | 1533.1 | 1620.2 | 1727.3 | 1864.9 | 2017.9 | 2163.2 | 2260.6 | 2277.1 |
| 40° | 1267.3 | 1285.0 | 1307.2 | 1349.2 | 1423.2 | 1528.6 | 1646.7 | 1821.9 | 1976.4 | 2115.9 | 2161.5 |
| 42.5° | 1147.6 | 1158.1 | 1171.6 | 1209.6 | 1266.0 | 1370.8 | 1478.7 | 1632.8 | 1787.9 | 1954.7 | 2031.0 |
| 45° | 975.4 | 986.1 | 1008.8 | 1030.9 | 1073.6 | 1146.2 | 1246.6 | 1373.3 | 1529.3 | 1690.1 | 1831.1 |
| 47.5° | 851.0 | 857.7 | 871.3 | 894.9 | 931.2 | 979.1 | 1060.8 | 1166.6 | 1311.2 | 1467.3 | 1617.6 |
| 50° | 780.3 | 786.0 | 796.7 | 818.1 | 845.8 | 888.5 | 955.5 | 1054.4 | 1167.6 | 1324.9 | 1472.3 |
| 52.5° | 724.5 | 726.7 | 734.6 | 749.1 | 771.2 | 807.1 | 862.0 | 943.9 | 1049.1 | 1189.4 | 1336.2 |
| 55° | 637.9 | 640.8 | 647.9 | 658.5 | 677.8 | 700.5 | 742.5 | 803.8 | 895.6 | 1017.4 | 1144.8 |
| 57.5° | 566.7 | 568.7 | 574.7 | 578.8 | 594.6 | 613.1 | 645.4 | 689.2 | 758.8 | 862.0 | 975.8 |
| 60° | 521.1 | 519.7 | 526.8 | 530.4 | 541.1 | 556.8 | 581.7 | 623.7 | 684.2 | 767.5 | 872.2 |
| 62.5° | 476.7 | 474.7 | 480.7 | 485.4 | 491.5 | 504.9 | 525.3 | 558.2 | 607.3 | 682.6 | 773.0 |
| 65° | 410.1 | 407.2 | 410.8 | 416.5 | 422.2 | 429.3 | 444.3 | 473.4 | 512.6 | 566.7 | 635.8 |
| 67.5° | 343.1 | 346.2 | 346.7 | 349.6 | 352.8 | 362.6 | 372.7 | 393.4 | 421.1 | 464.3 | 522.9 |
| 70° | 303.3 | 304.0 | 306.8 | 306.8 | 309.0 | 317.5 | 326.1 | 338.1 | 365.2 | 405.1 | 452.8 |
| 72.5° | 263.4 | 266.4 | 265.3 | 267.5 | 269.1 | 274.8 | 281.1 | 292.6 | 315.7 | 345.3 | 385.6 |
| 75° | 205.0 | 207.1 | 207.1 | 207.9 | 210.0 | 212.1 | 217.1 | 225.7 | 242.1 | 264.1 | 291.9 |
| 77.5° | 149.5 | 149.8 | 150.8 | 153.4 | 153.4 | 156.8 | 160.5 | 167.3 | 175.4 | 190.6 | 207.5 |
| 80° | 115.3 | 116.7 | 116.0 | 117.4 | 117.4 | 120.3 | 121.7 | 130.3 | 133.8 | 143.8 | 157.3 |
| 82.5° | 84.6 | 86.0 | 85.9 | 87.8 | 89.0 | 89.5 | 91.6 | 95.0 | 98.5 | 107.4 | 112.9 |
| 85° | 42.7 | 44.1 | 42.7 | 44.1 | 46.3 | 47.0 | 49.1 | 49.8 | 52.7 | 54.8 | 59.8 |
| 87.5° | 17.8 | 19.5 | 19.4 | 19.9 | 21.0 | 21.4 | 21.8 | 20.9 | 22.9 | 23.3 | 25.2 |
| 90° | 26.7 | 26.3 | 25.9 | 25.5 | 25.1 | 24.3 | 23.2 | 21.9 | 20.8 | 19.6 | 18.0 |
| 92.5° | 24.6 | 24.5 | 24.4 | 24.3 | 24.3 | 23.6 | 22.5 | 21.2 | 20.1 | 18.9 | 17.3 |
| 95° | 25.8 | 25.6 | 25.4 | 25.2 | 25.1 | 24.3 | 23.2 | 21.9 | 20.8 | 19.6 | 19.4 |
| 97.5° | 25.0 | 24.7 | 24.5 | 24.3 | 24.2 | 24.0 | 23.9 | 23.7 | 23.6 | 23.5 | 45.6 |
| 100° | 25.0 | 24.7 | 24.5 | 24.3 | 24.2 | 25.7 | 29.1 | 32.5 | 35.8 | 39.1 | 66.4 |
| 102.5° | 25.7 | 25.6 | 25.6 | 25.5 | 25.5 | 43.6 | 79.9 | 116.2 | 152.4 | 188.7 | 192.3 |
| 105° | 253.7 | 260.8 | 268.0 | 275.1 | 282.2 | 284.8 | 283.0 | 281.3 | 279.6 | 277.8 | 276.8 |
| 107.5° | 353.6 | 352.8 | 352.0 | 351.3 | 350.5 | 349.7 | 348.9 | 348.0 | 347.1 | 346.3 | 344.9 |
| 110° | 397.0 | 396.5 | 395.8 | 395.2 | 394.7 | 394.1 | 393.8 | 393.3 | 393.0 | 392.5 | 391.4 |



TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 440.4 | 439.7 | 439.0 | 438.2 | 437.5 | 437.1 | 437.2 | 437.3 | 437.4 | 437.4 | 436.8 |
| 115° | 503.8 | 503.8 | 503.8 | 503.8 | 503.8 | 503.6 | 503.3 | 502.8 | 502.5 | 502.0 | 502.2 |
| 117.5° | 568.3 | 568.4 | 568.5 | 568.6 | 568.6 | 568.6 | 568.7 | 568.8 | 568.9 | 569.0 | 568.6 |
| 120° | 608.9 | 609.3 | 609.7 | 610.0 | 610.5 | 610.5 | 610.0 | 609.7 | 609.3 | 608.9 | 609.0 |
| 122.5° | 648.7 | 649.2 | 649.5 | 650.0 | 650.3 | 650.4 | 650.1 | 650.0 | 649.7 | 649.4 | 649.2 |
| 125° | 708.6 | 708.4 | 708.2 | 708.0 | 707.8 | 707.4 | 706.8 | 706.2 | 705.6 | 705.0 | 705.4 |
| 127.5° | 761.1 | 761.3 | 761.4 | 761.6 | 761.7 | 761.9 | 762.0 | 762.1 | 762.2 | 762.3 | 761.4 |
| 130° | 796.7 | 796.7 | 796.7 | 796.7 | 796.7 | 796.6 | 796.4 | 796.2 | 796.0 | 795.9 | 795.2 |
| 132.5° | 829.5 | 829.6 | 829.7 | 829.9 | 830.1 | 830.1 | 829.9 | 829.6 | 829.5 | 829.3 | 828.5 |
| 135° | 878.6 | 878.2 | 877.8 | 877.4 | 877.0 | 876.6 | 876.2 | 875.8 | 875.4 | 875.0 | 874.2 |
| 137.5° | 920.6 | 920.7 | 920.9 | 921.0 | 921.0 | 921.0 | 920.5 | 920.1 | 919.6 | 919.2 | 918.3 |
| 140° | 949.9 | 949.6 | 949.4 | 949.2 | 949.0 | 948.6 | 948.1 | 947.4 | 946.8 | 946.3 | 945.8 |
| 142.5° | 974.0 | 974.0 | 973.9 | 973.9 | 973.8 | 973.7 | 973.2 | 972.8 | 972.3 | 971.9 | 971.6 |
| 145° | 1011.2 | 1010.8 | 1010.4 | 1010.0 | 1009.7 | 1009.3 | 1009.1 | 1009.0 | 1008.8 | 1008.5 | 1008.5 |
| 147.5° | 1042.1 | 1041.9 | 1041.6 | 1041.4 | 1041.3 | 1041.1 | 1040.9 | 1040.7 | 1040.6 | 1040.4 | 1040.6 |
| 150° | 1061.9 | 1061.8 | 1061.6 | 1061.4 | 1061.1 | 1061.0 | 1061.0 | 1061.0 | 1061.0 | 1061.0 | 1061.3 |
| 152.5° | 1079.1 | 1079.1 | 1079.3 | 1079.4 | 1079.5 | 1079.4 | 1079.1 | 1078.8 | 1078.5 | 1078.2 | 1078.5 |
| 155° | 1102.1 | 1102.6 | 1103.2 | 1103.8 | 1104.4 | 1104.3 | 1103.5 | 1102.7 | 1101.9 | 1101.2 | 1101.7 |
| 157.5° | 1121.2 | 1122.3 | 1123.3 | 1124.4 | 1125.3 | 1125.3 | 1124.4 | 1123.3 | 1122.3 | 1121.2 | 1122.0 |
| 160° | 1134.1 | 1135.2 | 1136.5 | 1137.6 | 1138.8 | 1138.8 | 1137.6 | 1136.5 | 1135.2 | 1134.1 | 1134.3 |
| 162.5° | 1144.1 | 1145.4 | 1146.7 | 1148.1 | 1149.4 | 1149.5 | 1148.3 | 1147.1 | 1145.9 | 1144.8 | 1145.0 |
| 165° | 1158.1 | 1159.8 | 1161.6 | 1163.4 | 1165.2 | 1165.3 | 1163.8 | 1162.2 | 1160.6 | 1159.0 | 1159.0 |
| 167.5° | 1168.6 | 1170.5 | 1172.6 | 1174.6 | 1176.5 | 1176.6 | 1174.9 | 1173.1 | 1171.4 | 1169.7 | 1169.8 |
| 170° | 1175.0 | 1177.0 | 1179.0 | 1181.0 | 1182.9 | 1183.1 | 1181.5 | 1180.0 | 1178.4 | 1176.8 | 1176.6 |
| 172.5° | 1178.6 | 1180.7 | 1182.9 | 1185.0 | 1187.1 | 1187.4 | 1185.8 | 1184.3 | 1182.7 | 1181.1 | 1180.9 |
| 175° | 1183.0 | 1185.4 | 1187.8 | 1190.2 | 1192.5 | 1192.8 | 1191.1 | 1189.3 | 1187.5 | 1185.7 | 1185.5 |
| 177.5° | 1185.9 | 1187.8 | 1189.7 | 1191.6 | 1193.5 | 1193.8 | 1192.5 | 1191.2 | 1190.0 | 1188.7 | 1188.4 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |



TEST NUMBER: P332697-940
 CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 |
| 2.5° | 1773.9 | 1765.9 | 1760.2 | 1755.7 | 1743.1 | 1735.7 | 1730.0 | 1722.1 | 1713.0 | 1703.3 | 1691.3 |
| 5° | 1874.6 | 1850.4 | 1832.6 | 1805.5 | 1779.9 | 1758.5 | 1736.4 | 1716.5 | 1692.3 | 1666.0 | 1646.7 |
| 7.5° | 1980.4 | 1944.4 | 1898.2 | 1858.2 | 1813.2 | 1774.1 | 1739.0 | 1703.2 | 1665.8 | 1629.7 | 1596.5 |
| 10° | 2047.5 | 2001.3 | 1950.0 | 1889.5 | 1832.6 | 1782.0 | 1735.0 | 1689.4 | 1645.3 | 1601.2 | 1563.4 |
| 12.5° | 2120.0 | 2062.3 | 1986.5 | 1915.8 | 1851.9 | 1784.3 | 1727.6 | 1671.8 | 1618.5 | 1572.2 | 1528.1 |
| 15° | 2217.1 | 2133.7 | 2046.1 | 1951.4 | 1867.4 | 1788.4 | 1710.8 | 1640.3 | 1580.6 | 1519.3 | 1476.6 |
| 17.5° | 2276.7 | 2173.6 | 2073.5 | 1974.5 | 1872.9 | 1773.2 | 1689.4 | 1608.2 | 1533.3 | 1472.5 | 1418.6 |
| 20° | 2316.0 | 2213.5 | 2088.8 | 1989.9 | 1868.8 | 1766.4 | 1669.6 | 1579.1 | 1500.8 | 1436.0 | 1380.5 |
| 22.5° | 2350.2 | 2231.7 | 2107.1 | 1976.8 | 1856.4 | 1747.6 | 1641.6 | 1550.6 | 1470.6 | 1402.4 | 1349.2 |
| 25° | 2368.7 | 2232.7 | 2097.4 | 1967.8 | 1831.1 | 1702.3 | 1606.1 | 1499.4 | 1413.9 | 1342.0 | 1285.0 |
| 27.5° | 2370.7 | 2225.3 | 2072.2 | 1928.2 | 1787.2 | 1667.1 | 1545.8 | 1450.4 | 1361.6 | 1285.7 | 1231.0 |
| 30° | 2364.4 | 2212.8 | 2048.3 | 1892.4 | 1750.7 | 1620.4 | 1515.0 | 1411.1 | 1320.7 | 1245.2 | 1188.2 |
| 32.5° | 2344.5 | 2186.6 | 2017.5 | 1852.5 | 1705.7 | 1578.2 | 1469.5 | 1370.6 | 1282.5 | 1208.2 | 1148.3 |
| 35° | 2286.8 | 2130.8 | 1950.7 | 1779.1 | 1629.0 | 1500.1 | 1401.9 | 1301.5 | 1213.2 | 1142.7 | 1085.0 |
| 37.5° | 2196.6 | 2055.7 | 1872.6 | 1695.1 | 1547.5 | 1418.1 | 1320.7 | 1229.9 | 1150.4 | 1078.8 | 1019.7 |
| 40° | 2118.1 | 1994.2 | 1810.5 | 1637.4 | 1478.0 | 1354.9 | 1263.7 | 1180.4 | 1101.4 | 1033.8 | 977.5 |
| 42.5° | 2027.5 | 1919.6 | 1750.2 | 1566.8 | 1413.1 | 1289.3 | 1200.5 | 1125.7 | 1051.2 | 988.7 | 932.6 |
| 45° | 1866.0 | 1794.8 | 1635.4 | 1465.9 | 1305.7 | 1188.9 | 1104.2 | 1038.8 | 976.1 | 914.9 | 867.9 |
| 47.5° | 1680.3 | 1645.0 | 1510.7 | 1349.9 | 1197.7 | 1082.7 | 1009.2 | 948.8 | 893.8 | 842.0 | 800.5 |
| 50° | 1555.6 | 1538.6 | 1422.5 | 1267.3 | 1122.0 | 1013.8 | 939.8 | 887.8 | 840.8 | 795.2 | 756.1 |
| 52.5° | 1432.6 | 1432.0 | 1327.4 | 1185.3 | 1050.9 | 946.6 | 873.2 | 824.6 | 783.9 | 746.8 | 711.7 |
| 55° | 1244.5 | 1264.4 | 1182.6 | 1055.8 | 935.5 | 841.5 | 775.3 | 731.9 | 703.4 | 672.8 | 646.5 |
| 57.5° | 1071.7 | 1104.8 | 1037.3 | 925.7 | 825.3 | 738.7 | 681.1 | 648.5 | 618.1 | 599.6 | 580.4 |
| 60° | 959.0 | 990.3 | 937.6 | 843.6 | 748.9 | 674.9 | 620.1 | 590.9 | 564.5 | 551.8 | 538.2 |
| 62.5° | 858.7 | 886.6 | 847.7 | 760.5 | 678.3 | 607.2 | 560.9 | 532.8 | 515.1 | 501.1 | 492.1 |
| 65° | 715.5 | 739.0 | 705.5 | 642.2 | 571.7 | 514.8 | 477.0 | 455.0 | 437.8 | 432.1 | 422.2 |
| 67.5° | 578.4 | 599.8 | 581.7 | 527.8 | 471.3 | 428.2 | 398.7 | 377.5 | 367.4 | 362.4 | 355.3 |
| 70° | 497.0 | 518.3 | 499.1 | 452.1 | 408.7 | 372.4 | 344.6 | 332.5 | 321.8 | 319.7 | 309.7 |
| 72.5° | 428.0 | 442.6 | 423.3 | 386.6 | 349.5 | 318.8 | 297.3 | 284.6 | 279.1 | 275.3 | 269.8 |
| 75° | 321.1 | 333.9 | 321.1 | 292.6 | 266.3 | 245.0 | 226.4 | 221.4 | 215.0 | 212.9 | 209.3 |
| 77.5° | 227.3 | 238.4 | 228.5 | 210.7 | 191.1 | 174.6 | 164.6 | 158.2 | 156.8 | 153.1 | 154.8 |
| 80° | 173.7 | 180.8 | 171.6 | 159.4 | 143.8 | 132.4 | 125.3 | 121.7 | 117.4 | 116.0 | 118.9 |
| 82.5° | 124.8 | 127.9 | 123.1 | 115.0 | 103.3 | 95.9 | 91.1 | 87.0 | 86.1 | 86.4 | 86.4 |
| 85° | 64.8 | 64.1 | 63.4 | 56.3 | 52.7 | 47.7 | 44.9 | 44.1 | 43.4 | 44.9 | 46.3 |
| 87.5° | 25.0 | 25.1 | 24.3 | 21.7 | 19.5 | 17.4 | 16.3 | 15.3 | 16.3 | 17.4 | 18.4 |
| 90° | 16.4 | 14.8 | 13.3 | 11.4 | 9.2 | 7.0 | 4.8 | 2.7 | 4.8 | 7.0 | 9.2 |
| 92.5° | 15.7 | 14.1 | 12.6 | 11.7 | 11.6 | 11.4 | 11.3 | 11.2 | 11.3 | 11.4 | 11.6 |
| 95° | 19.2 | 19.0 | 18.8 | 22.0 | 28.8 | 35.5 | 42.3 | 49.0 | 42.3 | 35.5 | 28.8 |
| 97.5° | 67.7 | 89.7 | 111.8 | 120.7 | 116.5 | 112.4 | 108.2 | 104.0 | 108.2 | 112.4 | 116.5 |
| 100° | 93.8 | 121.1 | 148.4 | 160.2 | 156.7 | 153.1 | 149.5 | 146.0 | 149.5 | 153.1 | 156.7 |
| 102.5° | 195.8 | 199.4 | 203.0 | 203.4 | 200.8 | 198.2 | 195.6 | 193.0 | 195.6 | 198.2 | 200.8 |
| 105° | 275.7 | 274.7 | 273.8 | 272.7 | 271.5 | 270.3 | 269.1 | 268.0 | 269.1 | 270.3 | 271.5 |
| 107.5° | 343.6 | 342.2 | 340.9 | 339.9 | 339.3 | 338.8 | 338.1 | 337.5 | 338.1 | 338.8 | 339.3 |
| 110° | 390.2 | 389.0 | 387.8 | 386.9 | 386.3 | 385.8 | 385.1 | 384.6 | 385.1 | 385.8 | 386.3 |



TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 436.3 | 435.8 | 435.2 | 434.4 | 433.4 | 432.3 | 431.2 | 430.2 | 431.2 | 432.3 | 433.4 |
| 115° | 502.5 | 502.7 | 502.8 | 502.7 | 502.0 | 501.5 | 500.9 | 500.2 | 500.9 | 501.5 | 502.0 |
| 117.5° | 568.1 | 567.7 | 567.2 | 566.7 | 565.9 | 565.1 | 564.3 | 563.5 | 564.3 | 565.1 | 565.9 |
| 120° | 609.3 | 609.5 | 609.7 | 609.4 | 608.6 | 607.8 | 607.0 | 606.2 | 607.0 | 607.8 | 608.6 |
| 122.5° | 648.9 | 648.6 | 648.4 | 648.0 | 647.5 | 647.0 | 646.6 | 646.0 | 646.6 | 647.0 | 647.5 |
| 125° | 705.8 | 706.2 | 706.6 | 706.4 | 705.6 | 704.8 | 704.0 | 703.2 | 704.0 | 704.8 | 705.6 |
| 127.5° | 760.5 | 759.6 | 758.7 | 758.1 | 758.0 | 757.8 | 757.5 | 757.3 | 757.5 | 757.8 | 758.0 |
| 130° | 794.6 | 794.1 | 793.4 | 793.0 | 792.8 | 792.6 | 792.5 | 792.3 | 792.5 | 792.6 | 792.8 |
| 132.5° | 827.8 | 827.1 | 826.3 | 825.7 | 825.4 | 825.0 | 824.7 | 824.3 | 824.7 | 825.0 | 825.4 |
| 135° | 873.4 | 872.6 | 871.8 | 871.6 | 871.7 | 872.0 | 872.2 | 872.4 | 872.2 | 872.0 | 871.7 |
| 137.5° | 917.5 | 916.6 | 915.7 | 915.3 | 915.2 | 915.1 | 915.0 | 914.9 | 915.0 | 915.1 | 915.2 |
| 140° | 945.5 | 945.0 | 944.7 | 944.2 | 943.9 | 943.5 | 943.1 | 942.7 | 943.1 | 943.5 | 943.9 |
| 142.5° | 971.4 | 971.2 | 970.9 | 970.4 | 969.7 | 969.0 | 968.3 | 967.6 | 968.3 | 969.0 | 969.7 |
| 145° | 1008.5 | 1008.5 | 1008.5 | 1008.3 | 1007.6 | 1007.1 | 1006.5 | 1005.8 | 1006.5 | 1007.1 | 1007.6 |
| 147.5° | 1040.8 | 1041.0 | 1041.3 | 1040.8 | 1039.6 | 1038.6 | 1037.4 | 1036.3 | 1037.4 | 1038.6 | 1039.6 |
| 150° | 1061.5 | 1061.7 | 1061.8 | 1061.6 | 1060.8 | 1060.0 | 1059.2 | 1058.4 | 1059.2 | 1060.0 | 1060.8 |
| 152.5° | 1078.9 | 1079.2 | 1079.6 | 1079.4 | 1078.8 | 1078.2 | 1077.5 | 1076.9 | 1077.5 | 1078.2 | 1078.8 |
| 155° | 1102.3 | 1103.0 | 1103.5 | 1103.7 | 1103.5 | 1103.3 | 1103.1 | 1103.0 | 1103.1 | 1103.3 | 1103.5 |
| 157.5° | 1122.6 | 1123.3 | 1123.9 | 1124.4 | 1124.4 | 1124.5 | 1124.7 | 1124.8 | 1124.7 | 1124.5 | 1124.4 |
| 160° | 1134.4 | 1134.7 | 1134.9 | 1135.2 | 1135.9 | 1136.5 | 1137.0 | 1137.6 | 1137.0 | 1136.5 | 1135.9 |
| 162.5° | 1145.1 | 1145.3 | 1145.6 | 1146.0 | 1146.7 | 1147.5 | 1148.3 | 1149.1 | 1148.3 | 1147.5 | 1146.7 |
| 165° | 1159.0 | 1159.0 | 1159.0 | 1159.5 | 1160.5 | 1161.5 | 1162.4 | 1163.4 | 1162.4 | 1161.5 | 1160.5 |
| 167.5° | 1169.9 | 1170.0 | 1170.2 | 1170.7 | 1171.8 | 1172.8 | 1173.8 | 1174.8 | 1173.8 | 1172.8 | 1171.8 |
| 170° | 1176.4 | 1176.2 | 1176.0 | 1176.5 | 1177.7 | 1178.8 | 1180.1 | 1181.2 | 1180.1 | 1178.8 | 1177.7 |
| 172.5° | 1180.7 | 1180.4 | 1180.3 | 1180.8 | 1182.0 | 1183.1 | 1184.4 | 1185.5 | 1184.4 | 1183.1 | 1182.0 |
| 175° | 1185.4 | 1185.1 | 1184.9 | 1185.4 | 1186.6 | 1187.8 | 1189.0 | 1190.2 | 1189.0 | 1187.8 | 1186.6 |
| 177.5° | 1188.1 | 1187.8 | 1187.5 | 1187.8 | 1189.0 | 1190.1 | 1191.1 | 1192.3 | 1191.1 | 1190.1 | 1189.0 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |



TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 |
| 2.5° | 1685.6 | 1680.5 | 1673.1 | 1662.9 | 1654.3 | 1645.2 | 1642.9 | 1639.5 | 1646.3 | 1640.7 | 1638.9 |
| 5° | 1630.4 | 1615.4 | 1596.2 | 1574.1 | 1561.3 | 1542.8 | 1539.3 | 1532.1 | 1525.0 | 1524.3 | 1517.2 |
| 7.5° | 1571.8 | 1549.9 | 1524.7 | 1502.2 | 1481.4 | 1461.2 | 1448.0 | 1445.1 | 1434.6 | 1428.4 | 1421.3 |
| 10° | 1534.3 | 1507.2 | 1478.0 | 1456.7 | 1432.4 | 1411.1 | 1396.2 | 1387.6 | 1380.5 | 1372.6 | 1365.6 |
| 12.5° | 1489.9 | 1461.1 | 1437.0 | 1413.9 | 1385.2 | 1369.0 | 1344.3 | 1329.5 | 1328.1 | 1328.2 | 1309.7 |
| 15° | 1438.2 | 1409.7 | 1372.6 | 1339.9 | 1324.2 | 1292.9 | 1279.3 | 1262.3 | 1251.6 | 1240.9 | 1232.4 |
| 17.5° | 1379.0 | 1343.6 | 1314.6 | 1277.1 | 1247.2 | 1222.3 | 1204.5 | 1194.3 | 1178.1 | 1163.1 | 1152.1 |
| 20° | 1342.0 | 1304.3 | 1273.7 | 1233.8 | 1201.0 | 1170.5 | 1155.5 | 1141.3 | 1129.2 | 1116.3 | 1104.2 |
| 22.5° | 1304.4 | 1265.0 | 1227.5 | 1188.8 | 1158.3 | 1126.1 | 1111.6 | 1092.3 | 1080.8 | 1073.6 | 1061.5 |
| 25° | 1245.2 | 1202.5 | 1159.8 | 1122.8 | 1091.5 | 1062.9 | 1043.7 | 1028.8 | 1015.9 | 1010.2 | 1002.5 |
| 27.5° | 1180.8 | 1138.4 | 1097.2 | 1055.1 | 1019.5 | 998.9 | 983.5 | 972.2 | 964.8 | 957.3 | 953.8 |
| 30° | 1139.9 | 1095.7 | 1051.6 | 1012.4 | 979.6 | 959.0 | 944.8 | 936.9 | 931.2 | 927.6 | 924.1 |
| 32.5° | 1098.2 | 1054.7 | 1008.3 | 972.5 | 943.2 | 924.8 | 914.0 | 906.2 | 903.3 | 902.1 | 900.8 |
| 35° | 1031.6 | 987.5 | 944.8 | 912.8 | 884.9 | 877.8 | 868.6 | 864.3 | 862.9 | 867.9 | 870.0 |
| 37.5° | 967.1 | 926.1 | 886.8 | 855.8 | 837.6 | 827.2 | 824.0 | 824.1 | 829.3 | 833.7 | 838.8 |
| 40° | 925.5 | 885.6 | 848.6 | 821.6 | 804.5 | 798.1 | 796.7 | 800.2 | 805.9 | 810.9 | 816.6 |
| 42.5° | 885.1 | 845.8 | 812.2 | 786.8 | 774.9 | 769.0 | 769.9 | 773.5 | 781.4 | 787.6 | 796.1 |
| 45° | 822.3 | 789.5 | 756.8 | 736.2 | 726.2 | 727.6 | 727.6 | 734.1 | 741.8 | 751.1 | 760.4 |
| 47.5° | 763.2 | 730.2 | 703.3 | 685.9 | 680.7 | 679.5 | 683.5 | 691.9 | 703.1 | 714.5 | 727.5 |
| 50° | 723.4 | 692.1 | 668.5 | 652.8 | 647.2 | 649.3 | 655.0 | 662.8 | 676.4 | 690.6 | 704.1 |
| 52.5° | 682.9 | 654.4 | 632.7 | 618.1 | 614.1 | 618.0 | 623.7 | 636.1 | 647.9 | 663.3 | 679.7 |
| 55° | 620.1 | 595.9 | 578.8 | 568.1 | 566.7 | 568.8 | 575.2 | 588.8 | 605.8 | 625.1 | 640.8 |
| 57.5° | 557.6 | 537.3 | 521.7 | 514.3 | 515.1 | 517.0 | 527.5 | 543.7 | 561.9 | 582.4 | 602.6 |
| 60° | 515.4 | 497.0 | 484.1 | 478.4 | 479.1 | 483.4 | 496.2 | 511.2 | 534.0 | 553.9 | 575.2 |
| 62.5° | 475.5 | 459.3 | 447.1 | 442.0 | 441.0 | 450.4 | 462.6 | 478.1 | 501.0 | 523.2 | 546.2 |
| 65° | 411.5 | 398.7 | 388.7 | 385.8 | 388.0 | 395.1 | 410.8 | 431.4 | 450.7 | 474.1 | 498.4 |
| 67.5° | 348.8 | 338.3 | 331.4 | 332.8 | 335.4 | 345.9 | 359.0 | 376.7 | 398.6 | 422.9 | 446.8 |
| 70° | 309.0 | 299.0 | 293.3 | 294.0 | 298.3 | 311.1 | 322.5 | 340.3 | 363.8 | 388.7 | 408.7 |
| 72.5° | 268.0 | 261.4 | 256.3 | 259.3 | 263.6 | 272.4 | 286.6 | 304.4 | 325.1 | 348.3 | 369.3 |
| 75° | 205.7 | 205.7 | 202.9 | 205.0 | 211.4 | 220.0 | 230.7 | 249.1 | 269.8 | 288.4 | 305.4 |
| 77.5° | 152.7 | 151.1 | 152.9 | 155.5 | 159.2 | 169.3 | 181.6 | 194.7 | 210.4 | 228.8 | 242.9 |
| 80° | 116.7 | 117.4 | 121.0 | 125.3 | 126.7 | 134.6 | 147.4 | 159.4 | 171.6 | 187.3 | 200.8 |
| 82.5° | 87.7 | 88.5 | 90.2 | 95.7 | 97.1 | 105.5 | 113.8 | 125.9 | 136.9 | 147.4 | 158.6 |
| 85° | 47.7 | 47.7 | 51.3 | 53.4 | 57.0 | 62.7 | 67.6 | 74.7 | 84.7 | 91.8 | 102.5 |
| 87.5° | 20.5 | 20.9 | 23.5 | 25.0 | 26.9 | 30.1 | 31.5 | 38.0 | 40.5 | 43.6 | 48.9 |
| 90° | 11.4 | 13.3 | 14.8 | 16.4 | 18.0 | 19.6 | 20.8 | 21.9 | 23.2 | 24.3 | 25.1 |
| 92.5° | 11.7 | 12.6 | 14.1 | 15.7 | 17.3 | 18.9 | 20.1 | 21.2 | 22.5 | 23.6 | 24.3 |
| 95° | 22.0 | 18.8 | 19.0 | 19.2 | 19.4 | 19.6 | 20.8 | 21.9 | 23.2 | 24.3 | 25.1 |
| 97.5° | 120.7 | 111.8 | 89.7 | 67.7 | 45.6 | 23.5 | 23.6 | 23.7 | 23.9 | 24.0 | 24.2 |
| 100° | 160.2 | 148.4 | 121.1 | 93.8 | 66.4 | 39.1 | 35.8 | 32.5 | 29.1 | 25.7 | 24.2 |
| 102.5° | 203.4 | 203.0 | 199.4 | 195.8 | 192.3 | 188.7 | 152.4 | 116.2 | 79.9 | 43.6 | 25.5 |
| 105° | 272.7 | 273.8 | 274.7 | 275.7 | 276.8 | 277.8 | 279.6 | 281.3 | 283.0 | 284.8 | 282.2 |
| 107.5° | 339.9 | 340.9 | 342.2 | 343.6 | 344.9 | 346.3 | 347.1 | 348.0 | 348.9 | 349.7 | 350.5 |
| 110° | 386.9 | 387.8 | 389.0 | 390.2 | 391.4 | 392.5 | 393.0 | 393.3 | 393.8 | 394.1 | 394.7 |



TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 434.4 | 435.2 | 435.8 | 436.3 | 436.8 | 437.4 | 437.4 | 437.3 | 437.2 | 437.1 | 437.5 |
| 115° | 502.7 | 502.8 | 502.7 | 502.5 | 502.2 | 502.0 | 502.5 | 502.8 | 503.3 | 503.6 | 503.8 |
| 117.5° | 566.7 | 567.2 | 567.7 | 568.1 | 568.6 | 569.0 | 568.9 | 568.8 | 568.7 | 568.6 | 568.6 |
| 120° | 609.4 | 609.7 | 609.5 | 609.3 | 609.0 | 608.9 | 609.3 | 609.7 | 610.0 | 610.5 | 610.5 |
| 122.5° | 648.0 | 648.4 | 648.6 | 648.9 | 649.2 | 649.4 | 649.7 | 650.0 | 650.1 | 650.4 | 650.3 |
| 125° | 706.4 | 706.6 | 706.2 | 705.8 | 705.4 | 705.0 | 705.6 | 706.2 | 706.8 | 707.4 | 707.8 |
| 127.5° | 758.1 | 758.7 | 759.6 | 760.5 | 761.4 | 762.3 | 762.2 | 762.1 | 762.0 | 761.9 | 761.7 |
| 130° | 793.0 | 793.4 | 794.1 | 794.6 | 795.2 | 795.9 | 796.0 | 796.2 | 796.4 | 796.6 | 796.7 |
| 132.5° | 825.7 | 826.3 | 827.1 | 827.8 | 828.5 | 829.3 | 829.5 | 829.6 | 829.9 | 830.1 | 830.1 |
| 135° | 871.6 | 871.8 | 872.6 | 873.4 | 874.2 | 875.0 | 875.4 | 875.8 | 876.2 | 876.6 | 877.0 |
| 137.5° | 915.3 | 915.7 | 916.6 | 917.5 | 918.3 | 919.2 | 919.6 | 920.1 | 920.5 | 921.0 | 921.0 |
| 140° | 944.2 | 944.7 | 945.0 | 945.5 | 945.8 | 946.3 | 946.8 | 947.4 | 948.1 | 948.6 | 949.0 |
| 142.5° | 970.4 | 970.9 | 971.2 | 971.4 | 971.6 | 971.9 | 972.3 | 972.8 | 973.2 | 973.7 | 973.8 |
| 145° | 1008.3 | 1008.5 | 1008.5 | 1008.5 | 1008.5 | 1008.5 | 1008.8 | 1009.0 | 1009.1 | 1009.3 | 1009.7 |
| 147.5° | 1040.8 | 1041.3 | 1041.0 | 1040.8 | 1040.6 | 1040.4 | 1040.6 | 1040.7 | 1040.9 | 1041.1 | 1041.3 |
| 150° | 1061.6 | 1061.8 | 1061.7 | 1061.5 | 1061.3 | 1061.0 | 1061.0 | 1061.0 | 1061.0 | 1061.0 | 1061.1 |
| 152.5° | 1079.4 | 1079.6 | 1079.2 | 1078.9 | 1078.5 | 1078.2 | 1078.5 | 1078.8 | 1079.1 | 1079.4 | 1079.5 |
| 155° | 1103.7 | 1103.5 | 1103.0 | 1102.3 | 1101.7 | 1101.2 | 1101.9 | 1102.7 | 1103.5 | 1104.3 | 1104.4 |
| 157.5° | 1124.4 | 1123.9 | 1123.3 | 1122.6 | 1122.0 | 1121.2 | 1122.3 | 1123.3 | 1124.4 | 1125.3 | 1125.3 |
| 160° | 1135.2 | 1134.9 | 1134.7 | 1134.4 | 1134.3 | 1134.1 | 1135.2 | 1136.5 | 1137.6 | 1138.8 | 1138.8 |
| 162.5° | 1146.0 | 1145.6 | 1145.3 | 1145.1 | 1145.0 | 1144.8 | 1145.9 | 1147.1 | 1148.3 | 1149.5 | 1149.4 |
| 165° | 1159.5 | 1159.0 | 1159.0 | 1159.0 | 1159.0 | 1159.0 | 1160.6 | 1162.2 | 1163.8 | 1165.3 | 1165.2 |
| 167.5° | 1170.7 | 1170.2 | 1170.0 | 1169.9 | 1169.8 | 1169.7 | 1171.4 | 1173.1 | 1174.9 | 1176.6 | 1176.5 |
| 170° | 1176.5 | 1176.0 | 1176.2 | 1176.4 | 1176.6 | 1176.8 | 1178.4 | 1180.0 | 1181.5 | 1183.1 | 1182.9 |
| 172.5° | 1180.8 | 1180.3 | 1180.4 | 1180.7 | 1180.9 | 1181.1 | 1182.7 | 1184.3 | 1185.8 | 1187.4 | 1187.1 |
| 175° | 1185.4 | 1184.9 | 1185.1 | 1185.4 | 1185.5 | 1185.7 | 1187.5 | 1189.3 | 1191.1 | 1192.8 | 1192.5 |
| 177.5° | 1187.8 | 1187.5 | 1187.8 | 1188.1 | 1188.4 | 1188.7 | 1190.0 | 1191.2 | 1192.5 | 1193.8 | 1193.5 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |



TEST NUMBER: P332697-940
 CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 |
| 2.5° | 1637.8 | 1636.6 | 1632.6 | 1632.1 | 1632.6 | 1636.6 | 1637.8 | 1638.9 | 1640.7 | 1646.3 | 1639.5 |
| 5° | 1512.9 | 1509.3 | 1507.2 | 1515.0 | 1507.2 | 1509.3 | 1512.9 | 1517.2 | 1524.3 | 1525.0 | 1532.1 |
| 7.5° | 1418.8 | 1415.9 | 1409.7 | 1407.7 | 1409.7 | 1415.9 | 1418.8 | 1421.3 | 1428.4 | 1434.6 | 1445.1 |
| 10° | 1358.4 | 1355.6 | 1349.9 | 1348.4 | 1349.9 | 1355.6 | 1358.4 | 1365.6 | 1372.6 | 1380.5 | 1387.6 |
| 12.5° | 1300.3 | 1294.6 | 1293.5 | 1294.9 | 1293.5 | 1294.6 | 1300.3 | 1309.7 | 1328.2 | 1328.1 | 1329.5 |
| 15° | 1223.2 | 1220.3 | 1212.5 | 1214.6 | 1212.5 | 1220.3 | 1223.2 | 1232.4 | 1240.9 | 1251.6 | 1262.3 |
| 17.5° | 1147.1 | 1143.7 | 1134.2 | 1142.5 | 1134.2 | 1143.7 | 1147.1 | 1152.1 | 1163.1 | 1178.1 | 1194.3 |
| 20° | 1099.2 | 1093.6 | 1088.6 | 1087.9 | 1088.6 | 1093.6 | 1099.2 | 1104.2 | 1116.3 | 1129.2 | 1141.3 |
| 22.5° | 1053.6 | 1048.6 | 1048.1 | 1043.5 | 1048.1 | 1048.6 | 1053.6 | 1061.5 | 1073.6 | 1080.8 | 1092.3 |
| 25° | 996.8 | 991.8 | 990.3 | 986.8 | 990.3 | 991.8 | 996.8 | 1002.5 | 1010.2 | 1015.9 | 1028.8 |
| 27.5° | 953.1 | 950.6 | 948.1 | 949.1 | 948.1 | 950.6 | 953.1 | 953.8 | 957.3 | 964.8 | 972.2 |
| 30° | 926.2 | 925.5 | 924.1 | 924.1 | 924.1 | 925.5 | 926.2 | 924.1 | 927.6 | 931.2 | 936.9 |
| 32.5° | 904.0 | 903.9 | 904.7 | 904.7 | 904.7 | 903.9 | 904.0 | 900.8 | 902.1 | 903.3 | 906.2 |
| 35° | 872.9 | 874.9 | 876.4 | 874.2 | 876.4 | 874.9 | 872.9 | 870.0 | 867.9 | 862.9 | 864.3 |
| 37.5° | 844.6 | 846.8 | 848.8 | 851.2 | 848.8 | 846.8 | 844.6 | 838.8 | 833.7 | 829.3 | 824.1 |
| 40° | 823.0 | 828.0 | 829.4 | 832.9 | 829.4 | 828.0 | 823.0 | 816.6 | 810.9 | 805.9 | 800.2 |
| 42.5° | 802.5 | 808.1 | 811.7 | 812.4 | 811.7 | 808.1 | 802.5 | 796.1 | 787.6 | 781.4 | 773.5 |
| 45° | 771.1 | 776.8 | 781.8 | 781.8 | 781.8 | 776.8 | 771.1 | 760.4 | 751.1 | 741.8 | 734.1 |
| 47.5° | 738.4 | 746.7 | 751.7 | 753.0 | 751.7 | 746.7 | 738.4 | 727.5 | 714.5 | 703.1 | 691.9 |
| 50° | 716.2 | 726.2 | 731.2 | 734.8 | 731.2 | 726.2 | 716.2 | 704.1 | 690.6 | 676.4 | 662.8 |
| 52.5° | 694.6 | 704.5 | 711.2 | 713.1 | 711.2 | 704.5 | 694.6 | 679.7 | 663.3 | 647.9 | 636.1 |
| 55° | 657.1 | 671.4 | 679.2 | 682.1 | 679.2 | 671.4 | 657.1 | 640.8 | 625.1 | 605.8 | 588.8 |
| 57.5° | 621.8 | 634.9 | 644.0 | 646.1 | 644.0 | 634.9 | 621.8 | 602.6 | 582.4 | 561.9 | 543.7 |
| 60° | 594.5 | 608.7 | 620.1 | 622.2 | 620.1 | 608.7 | 594.5 | 575.2 | 553.9 | 534.0 | 511.2 |
| 62.5° | 566.6 | 581.4 | 591.7 | 597.2 | 591.7 | 581.4 | 566.6 | 546.2 | 523.2 | 501.0 | 478.1 |
| 65° | 518.3 | 533.2 | 543.2 | 545.4 | 543.2 | 533.2 | 518.3 | 498.4 | 474.1 | 450.7 | 431.4 |
| 67.5° | 465.7 | 480.5 | 487.1 | 491.2 | 487.1 | 480.5 | 465.7 | 446.8 | 422.9 | 398.6 | 376.7 |
| 70° | 428.6 | 440.7 | 447.8 | 451.4 | 447.8 | 440.7 | 428.6 | 408.7 | 388.7 | 363.8 | 340.3 |
| 72.5° | 386.5 | 399.1 | 407.4 | 408.0 | 407.4 | 399.1 | 386.5 | 369.3 | 348.3 | 325.1 | 304.4 |
| 75° | 321.8 | 333.2 | 337.4 | 337.4 | 337.4 | 333.2 | 321.8 | 305.4 | 288.4 | 269.8 | 249.1 |
| 77.5° | 254.8 | 260.6 | 266.0 | 267.2 | 266.0 | 260.6 | 254.8 | 242.9 | 228.8 | 210.4 | 194.7 |
| 80° | 211.4 | 215.0 | 219.3 | 219.3 | 219.3 | 215.0 | 211.4 | 200.8 | 187.3 | 171.6 | 159.4 |
| 82.5° | 167.0 | 170.0 | 174.3 | 173.7 | 174.3 | 170.0 | 167.0 | 158.6 | 147.4 | 136.9 | 125.9 |
| 85° | 101.1 | 107.5 | 106.8 | 105.4 | 106.8 | 107.5 | 101.1 | 102.5 | 91.8 | 84.7 | 74.7 |
| 87.5° | 50.6 | 51.3 | 53.1 | 54.3 | 53.1 | 51.3 | 50.6 | 48.9 | 43.6 | 40.5 | 38.0 |
| 90° | 25.5 | 25.9 | 26.3 | 26.7 | 26.3 | 25.9 | 25.5 | 25.1 | 24.3 | 23.2 | 21.9 |
| 92.5° | 24.3 | 24.4 | 24.5 | 24.6 | 24.5 | 24.4 | 24.3 | 24.3 | 23.6 | 22.5 | 21.2 |
| 95° | 25.2 | 25.4 | 25.6 | 25.8 | 25.6 | 25.4 | 25.2 | 25.1 | 24.3 | 23.2 | 21.9 |
| 97.5° | 24.3 | 24.5 | 24.7 | 25.0 | 24.7 | 24.5 | 24.3 | 24.2 | 24.0 | 23.9 | 23.7 |
| 100° | 24.3 | 24.5 | 24.7 | 25.0 | 24.7 | 24.5 | 24.3 | 24.2 | 25.7 | 29.1 | 32.5 |
| 102.5° | 25.5 | 25.6 | 25.6 | 25.7 | 25.6 | 25.6 | 25.5 | 25.5 | 43.6 | 79.9 | 116.2 |
| 105° | 275.1 | 268.0 | 260.8 | 253.7 | 260.8 | 268.0 | 275.1 | 282.2 | 284.8 | 283.0 | 281.3 |
| 107.5° | 351.3 | 352.0 | 352.8 | 353.6 | 352.8 | 352.0 | 351.3 | 350.5 | 349.7 | 348.9 | 348.0 |
| 110° | 395.2 | 395.8 | 396.5 | 397.0 | 396.5 | 395.8 | 395.2 | 394.7 | 394.1 | 393.8 | 393.3 |



TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 438.2 | 439.0 | 439.7 | 440.4 | 439.7 | 439.0 | 438.2 | 437.5 | 437.1 | 437.2 | 437.3 |
| 115° | 503.8 | 503.8 | 503.8 | 503.8 | 503.8 | 503.8 | 503.8 | 503.8 | 503.6 | 503.3 | 502.8 |
| 117.5° | 568.6 | 568.5 | 568.4 | 568.3 | 568.4 | 568.5 | 568.6 | 568.6 | 568.6 | 568.7 | 568.8 |
| 120° | 610.0 | 609.7 | 609.3 | 608.9 | 609.3 | 609.7 | 610.0 | 610.5 | 610.5 | 610.0 | 609.7 |
| 122.5° | 650.0 | 649.5 | 649.2 | 648.7 | 649.2 | 649.5 | 650.0 | 650.3 | 650.4 | 650.1 | 650.0 |
| 125° | 708.0 | 708.2 | 708.4 | 708.6 | 708.4 | 708.2 | 708.0 | 707.8 | 707.4 | 706.8 | 706.2 |
| 127.5° | 761.6 | 761.4 | 761.3 | 761.1 | 761.3 | 761.4 | 761.6 | 761.7 | 761.9 | 762.0 | 762.1 |
| 130° | 796.7 | 796.7 | 796.7 | 796.7 | 796.7 | 796.7 | 796.7 | 796.7 | 796.6 | 796.4 | 796.2 |
| 132.5° | 829.9 | 829.7 | 829.6 | 829.5 | 829.6 | 829.7 | 829.9 | 830.1 | 830.1 | 829.9 | 829.6 |
| 135° | 877.4 | 877.8 | 878.2 | 878.6 | 878.2 | 877.8 | 877.4 | 877.0 | 876.6 | 876.2 | 875.8 |
| 137.5° | 921.0 | 920.9 | 920.7 | 920.6 | 920.7 | 920.9 | 921.0 | 921.0 | 921.0 | 920.5 | 920.1 |
| 140° | 949.2 | 949.4 | 949.6 | 949.9 | 949.6 | 949.4 | 949.2 | 949.0 | 948.6 | 948.1 | 947.4 |
| 142.5° | 973.9 | 973.9 | 974.0 | 974.0 | 974.0 | 973.9 | 973.9 | 973.8 | 973.7 | 973.2 | 972.8 |
| 145° | 1010.0 | 1010.4 | 1010.8 | 1011.2 | 1010.8 | 1010.4 | 1010.0 | 1009.7 | 1009.3 | 1009.1 | 1009.0 |
| 147.5° | 1041.4 | 1041.6 | 1041.9 | 1042.1 | 1041.9 | 1041.6 | 1041.4 | 1041.3 | 1041.1 | 1040.9 | 1040.7 |
| 150° | 1061.4 | 1061.6 | 1061.8 | 1061.9 | 1061.8 | 1061.6 | 1061.4 | 1061.1 | 1061.0 | 1061.0 | 1061.0 |
| 152.5° | 1079.4 | 1079.3 | 1079.1 | 1079.1 | 1079.1 | 1079.3 | 1079.4 | 1079.5 | 1079.4 | 1079.1 | 1078.8 |
| 155° | 1103.8 | 1103.2 | 1102.6 | 1102.1 | 1102.6 | 1103.2 | 1103.8 | 1104.4 | 1104.3 | 1103.5 | 1102.7 |
| 157.5° | 1124.4 | 1123.3 | 1122.3 | 1121.2 | 1122.3 | 1123.3 | 1124.4 | 1125.3 | 1125.3 | 1124.4 | 1123.3 |
| 160° | 1137.6 | 1136.5 | 1135.2 | 1134.1 | 1135.2 | 1136.5 | 1137.6 | 1138.8 | 1138.8 | 1137.6 | 1136.5 |
| 162.5° | 1148.1 | 1146.7 | 1145.4 | 1144.1 | 1145.4 | 1146.7 | 1148.1 | 1149.4 | 1149.5 | 1148.3 | 1147.1 |
| 165° | 1163.4 | 1161.6 | 1159.8 | 1158.1 | 1159.8 | 1161.6 | 1163.4 | 1165.2 | 1165.3 | 1163.8 | 1162.2 |
| 167.5° | 1174.6 | 1172.6 | 1170.5 | 1168.6 | 1170.5 | 1172.6 | 1174.6 | 1176.5 | 1176.6 | 1174.9 | 1173.1 |
| 170° | 1181.0 | 1179.0 | 1177.0 | 1175.0 | 1177.0 | 1179.0 | 1181.0 | 1182.9 | 1183.1 | 1181.5 | 1180.0 |
| 172.5° | 1185.0 | 1182.9 | 1180.7 | 1178.6 | 1180.7 | 1182.9 | 1185.0 | 1187.1 | 1187.4 | 1185.8 | 1184.3 |
| 175° | 1190.2 | 1187.8 | 1185.4 | 1183.0 | 1185.4 | 1187.8 | 1190.2 | 1192.5 | 1192.8 | 1191.1 | 1189.3 |
| 177.5° | 1191.6 | 1189.7 | 1187.8 | 1185.9 | 1187.8 | 1189.7 | 1191.6 | 1193.5 | 1193.8 | 1192.5 | 1191.2 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |



TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 |
| 2.5° | 1642.9 | 1645.2 | 1654.3 | 1662.9 | 1673.1 | 1680.5 | 1685.6 | 1691.3 | 1703.3 | 1713.0 | 1722.1 |
| 5° | 1539.3 | 1542.8 | 1561.3 | 1574.1 | 1596.2 | 1615.4 | 1630.4 | 1646.7 | 1666.0 | 1692.3 | 1716.5 |
| 7.5° | 1448.0 | 1461.2 | 1481.4 | 1502.2 | 1524.7 | 1549.9 | 1571.8 | 1596.5 | 1629.7 | 1665.8 | 1703.2 |
| 10° | 1396.2 | 1411.1 | 1432.4 | 1456.7 | 1478.0 | 1507.2 | 1534.3 | 1563.4 | 1601.2 | 1645.3 | 1689.4 |
| 12.5° | 1344.3 | 1369.0 | 1385.2 | 1413.9 | 1437.0 | 1461.1 | 1489.9 | 1528.1 | 1572.2 | 1618.5 | 1671.8 |
| 15° | 1279.3 | 1292.9 | 1324.2 | 1339.9 | 1372.6 | 1409.7 | 1438.2 | 1476.6 | 1519.3 | 1580.6 | 1640.3 |
| 17.5° | 1204.5 | 1222.3 | 1247.2 | 1277.1 | 1314.6 | 1343.6 | 1379.0 | 1418.6 | 1472.5 | 1533.3 | 1608.2 |
| 20° | 1155.5 | 1170.5 | 1201.0 | 1233.8 | 1273.7 | 1304.3 | 1342.0 | 1380.5 | 1436.0 | 1500.8 | 1579.1 |
| 22.5° | 1111.6 | 1126.1 | 1158.3 | 1188.8 | 1227.5 | 1265.0 | 1304.4 | 1349.2 | 1402.4 | 1470.6 | 1550.6 |
| 25° | 1043.7 | 1062.9 | 1091.5 | 1122.8 | 1159.8 | 1202.5 | 1245.2 | 1285.0 | 1342.0 | 1413.9 | 1499.4 |
| 27.5° | 983.5 | 998.9 | 1019.5 | 1055.1 | 1097.2 | 1138.4 | 1180.8 | 1231.0 | 1285.7 | 1361.6 | 1450.4 |
| 30° | 944.8 | 959.0 | 979.6 | 1012.4 | 1051.6 | 1095.7 | 1139.9 | 1188.2 | 1245.2 | 1320.7 | 1411.1 |
| 32.5° | 914.0 | 924.8 | 943.2 | 972.5 | 1008.3 | 1054.7 | 1098.2 | 1148.3 | 1208.2 | 1282.5 | 1370.6 |
| 35° | 868.6 | 877.8 | 884.9 | 912.8 | 944.8 | 987.5 | 1031.6 | 1085.0 | 1142.7 | 1213.2 | 1301.5 |
| 37.5° | 824.0 | 827.2 | 837.6 | 855.8 | 886.8 | 926.1 | 967.1 | 1019.7 | 1078.8 | 1150.4 | 1229.9 |
| 40° | 796.7 | 798.1 | 804.5 | 821.6 | 848.6 | 885.6 | 925.5 | 977.5 | 1033.8 | 1101.4 | 1180.4 |
| 42.5° | 769.9 | 769.0 | 774.9 | 786.8 | 812.2 | 845.8 | 885.1 | 932.6 | 988.7 | 1051.2 | 1125.7 |
| 45° | 727.6 | 727.6 | 726.2 | 736.2 | 756.8 | 789.5 | 822.3 | 867.9 | 914.9 | 976.1 | 1038.8 |
| 47.5° | 683.5 | 679.5 | 680.7 | 685.9 | 703.3 | 730.2 | 763.2 | 800.5 | 842.0 | 893.8 | 948.8 |
| 50° | 655.0 | 649.3 | 647.2 | 652.8 | 668.5 | 692.1 | 723.4 | 756.1 | 795.2 | 840.8 | 887.8 |
| 52.5° | 623.7 | 618.0 | 614.1 | 618.1 | 632.7 | 654.4 | 682.9 | 711.7 | 746.8 | 783.9 | 824.6 |
| 55° | 575.2 | 568.8 | 566.7 | 568.1 | 578.8 | 595.9 | 620.1 | 646.5 | 672.8 | 703.4 | 731.9 |
| 57.5° | 527.5 | 517.0 | 515.1 | 514.3 | 521.7 | 537.3 | 557.6 | 580.4 | 599.6 | 618.1 | 648.5 |
| 60° | 496.2 | 483.4 | 479.1 | 478.4 | 484.1 | 497.0 | 515.4 | 538.2 | 551.8 | 564.5 | 590.9 |
| 62.5° | 462.6 | 450.4 | 441.0 | 442.0 | 447.1 | 459.3 | 475.5 | 492.1 | 501.1 | 515.1 | 532.8 |
| 65° | 410.8 | 395.1 | 388.0 | 385.8 | 388.7 | 398.7 | 411.5 | 422.2 | 432.1 | 437.8 | 455.0 |
| 67.5° | 359.0 | 345.9 | 335.4 | 332.8 | 331.4 | 338.3 | 348.8 | 355.3 | 362.4 | 367.4 | 377.5 |
| 70° | 322.5 | 311.1 | 298.3 | 294.0 | 293.3 | 299.0 | 309.0 | 309.7 | 319.7 | 321.8 | 332.5 |
| 72.5° | 286.6 | 272.4 | 263.6 | 259.3 | 256.3 | 261.4 | 268.0 | 269.8 | 275.3 | 279.1 | 284.6 |
| 75° | 230.7 | 220.0 | 211.4 | 205.0 | 202.9 | 205.7 | 205.7 | 209.3 | 212.9 | 215.0 | 221.4 |
| 77.5° | 181.6 | 169.3 | 159.2 | 155.5 | 152.9 | 151.1 | 152.7 | 154.8 | 153.1 | 156.8 | 158.2 |
| 80° | 147.4 | 134.6 | 126.7 | 125.3 | 121.0 | 117.4 | 116.7 | 118.9 | 116.0 | 117.4 | 121.7 |
| 82.5° | 113.8 | 105.5 | 97.1 | 95.7 | 90.2 | 88.5 | 87.7 | 86.4 | 86.4 | 86.1 | 87.0 |
| 85° | 67.6 | 62.7 | 57.0 | 53.4 | 51.3 | 47.7 | 47.7 | 46.3 | 44.9 | 43.4 | 44.1 |
| 87.5° | 31.5 | 30.1 | 26.9 | 25.0 | 23.5 | 20.9 | 20.5 | 18.4 | 17.4 | 16.3 | 15.3 |
| 90° | 20.8 | 19.6 | 18.0 | 16.4 | 14.8 | 13.3 | 11.4 | 9.2 | 7.0 | 4.8 | 2.7 |
| 92.5° | 20.1 | 18.9 | 17.3 | 15.7 | 14.1 | 12.6 | 11.7 | 11.6 | 11.4 | 11.3 | 11.2 |
| 95° | 20.8 | 19.6 | 19.4 | 19.2 | 19.0 | 18.8 | 22.0 | 28.8 | 35.5 | 42.3 | 49.0 |
| 97.5° | 23.6 | 23.5 | 45.6 | 67.7 | 89.7 | 111.8 | 120.7 | 116.5 | 112.4 | 108.2 | 104.0 |
| 100° | 35.8 | 39.1 | 66.4 | 93.8 | 121.1 | 148.4 | 160.2 | 156.7 | 153.1 | 149.5 | 146.0 |
| 102.5° | 152.4 | 188.7 | 192.3 | 195.8 | 199.4 | 203.0 | 203.4 | 200.8 | 198.2 | 195.6 | 193.0 |
| 105° | 279.6 | 277.8 | 276.8 | 275.7 | 274.7 | 273.8 | 272.7 | 271.5 | 270.3 | 269.1 | 268.0 |
| 107.5° | 347.1 | 346.3 | 344.9 | 343.6 | 342.2 | 340.9 | 339.9 | 339.3 | 338.8 | 338.1 | 337.5 |
| 110° | 393.0 | 392.5 | 391.4 | 390.2 | 389.0 | 387.8 | 386.9 | 386.3 | 385.8 | 385.1 | 384.6 |



TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 437.4 | 437.4 | 436.8 | 436.3 | 435.8 | 435.2 | 434.4 | 433.4 | 432.3 | 431.2 | 430.2 |
| 115° | 502.5 | 502.0 | 502.2 | 502.5 | 502.7 | 502.8 | 502.7 | 502.0 | 501.5 | 500.9 | 500.2 |
| 117.5° | 568.9 | 569.0 | 568.6 | 568.1 | 567.7 | 567.2 | 566.7 | 565.9 | 565.1 | 564.3 | 563.5 |
| 120° | 609.3 | 608.9 | 609.0 | 609.3 | 609.5 | 609.7 | 609.4 | 608.6 | 607.8 | 607.0 | 606.2 |
| 122.5° | 649.7 | 649.4 | 649.2 | 648.9 | 648.6 | 648.4 | 648.0 | 647.5 | 647.0 | 646.6 | 646.0 |
| 125° | 705.6 | 705.0 | 705.4 | 705.8 | 706.2 | 706.6 | 706.4 | 705.6 | 704.8 | 704.0 | 703.2 |
| 127.5° | 762.2 | 762.3 | 761.4 | 760.5 | 759.6 | 758.7 | 758.1 | 758.0 | 757.8 | 757.5 | 757.3 |
| 130° | 796.0 | 795.9 | 795.2 | 794.6 | 794.1 | 793.4 | 793.0 | 792.8 | 792.6 | 792.5 | 792.3 |
| 132.5° | 829.5 | 829.3 | 828.5 | 827.8 | 827.1 | 826.3 | 825.7 | 825.4 | 825.0 | 824.7 | 824.3 |
| 135° | 875.4 | 875.0 | 874.2 | 873.4 | 872.6 | 871.8 | 871.6 | 871.7 | 872.0 | 872.2 | 872.4 |
| 137.5° | 919.6 | 919.2 | 918.3 | 917.5 | 916.6 | 915.7 | 915.3 | 915.2 | 915.1 | 915.0 | 914.9 |
| 140° | 946.8 | 946.3 | 945.8 | 945.5 | 945.0 | 944.7 | 944.2 | 943.9 | 943.5 | 943.1 | 942.7 |
| 142.5° | 972.3 | 971.9 | 971.6 | 971.4 | 971.2 | 970.9 | 970.4 | 969.7 | 969.0 | 968.3 | 967.6 |
| 145° | 1008.8 | 1008.5 | 1008.5 | 1008.5 | 1008.5 | 1008.5 | 1008.3 | 1007.6 | 1007.1 | 1006.5 | 1005.8 |
| 147.5° | 1040.6 | 1040.4 | 1040.6 | 1040.8 | 1041.0 | 1041.3 | 1040.8 | 1039.6 | 1038.6 | 1037.4 | 1036.3 |
| 150° | 1061.0 | 1061.0 | 1061.3 | 1061.5 | 1061.7 | 1061.8 | 1061.6 | 1060.8 | 1060.0 | 1059.2 | 1058.4 |
| 152.5° | 1078.5 | 1078.2 | 1078.5 | 1078.9 | 1079.2 | 1079.6 | 1079.4 | 1078.8 | 1078.2 | 1077.5 | 1076.9 |
| 155° | 1101.9 | 1101.2 | 1101.7 | 1102.3 | 1103.0 | 1103.5 | 1103.7 | 1103.5 | 1103.3 | 1103.1 | 1103.0 |
| 157.5° | 1122.3 | 1121.2 | 1122.0 | 1122.6 | 1123.3 | 1123.9 | 1124.4 | 1124.4 | 1124.5 | 1124.7 | 1124.8 |
| 160° | 1135.2 | 1134.1 | 1134.3 | 1134.4 | 1134.7 | 1134.9 | 1135.2 | 1135.9 | 1136.5 | 1137.0 | 1137.6 |
| 162.5° | 1145.9 | 1144.8 | 1145.0 | 1145.1 | 1145.3 | 1145.6 | 1146.0 | 1146.7 | 1147.5 | 1148.3 | 1149.1 |
| 165° | 1160.6 | 1159.0 | 1159.0 | 1159.0 | 1159.0 | 1159.0 | 1159.5 | 1160.5 | 1161.5 | 1162.4 | 1163.4 |
| 167.5° | 1171.4 | 1169.7 | 1169.8 | 1169.9 | 1170.0 | 1170.2 | 1170.7 | 1171.8 | 1172.8 | 1173.8 | 1174.8 |
| 170° | 1178.4 | 1176.8 | 1176.6 | 1176.4 | 1176.2 | 1176.0 | 1176.5 | 1177.7 | 1178.8 | 1180.1 | 1181.2 |
| 172.5° | 1182.7 | 1181.1 | 1180.9 | 1180.7 | 1180.4 | 1180.3 | 1180.8 | 1182.0 | 1183.1 | 1184.4 | 1185.5 |
| 175° | 1187.5 | 1185.7 | 1185.5 | 1185.4 | 1185.1 | 1184.9 | 1185.4 | 1186.6 | 1187.8 | 1189.0 | 1190.2 |
| 177.5° | 1190.0 | 1188.7 | 1188.4 | 1188.1 | 1187.8 | 1187.5 | 1187.8 | 1189.0 | 1190.1 | 1191.1 | 1192.3 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |



TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 |
| 2.5° | 1730.0 | 1735.7 | 1743.1 | 1755.7 | 1760.2 | 1765.9 | 1773.9 | 1773.3 | 1775.6 | 1784.1 | 1802.4 |
| 5° | 1736.4 | 1758.5 | 1779.9 | 1805.5 | 1832.6 | 1850.4 | 1874.6 | 1889.5 | 1904.5 | 1923.7 | 1956.4 |
| 7.5° | 1739.0 | 1774.1 | 1813.2 | 1858.2 | 1898.2 | 1944.4 | 1980.4 | 2014.3 | 2044.9 | 2085.4 | 2124.5 |
| 10° | 1735.0 | 1782.0 | 1832.6 | 1889.5 | 1950.0 | 2001.3 | 2047.5 | 2100.2 | 2145.1 | 2194.2 | 2238.4 |
| 12.5° | 1727.6 | 1784.3 | 1851.9 | 1915.8 | 1986.5 | 2062.3 | 2120.0 | 2173.2 | 2232.8 | 2289.4 | 2357.4 |
| 15° | 1710.8 | 1788.4 | 1867.4 | 1951.4 | 2046.1 | 2133.7 | 2217.1 | 2286.1 | 2350.2 | 2434.9 | 2523.9 |
| 17.5° | 1689.4 | 1773.2 | 1872.9 | 1974.5 | 2073.5 | 2173.6 | 2276.7 | 2380.5 | 2461.4 | 2566.6 | 2636.3 |
| 20° | 1669.6 | 1766.4 | 1868.8 | 1989.9 | 2088.8 | 2213.5 | 2316.0 | 2416.4 | 2527.5 | 2632.1 | 2715.3 |
| 22.5° | 1641.6 | 1747.6 | 1856.4 | 1976.8 | 2107.1 | 2231.7 | 2350.2 | 2459.1 | 2570.2 | 2684.0 | 2784.9 |
| 25° | 1606.1 | 1702.3 | 1831.1 | 1967.8 | 2097.4 | 2232.7 | 2368.7 | 2505.4 | 2624.9 | 2745.3 | 2839.3 |
| 27.5° | 1545.8 | 1667.1 | 1787.2 | 1928.2 | 2072.2 | 2225.3 | 2370.7 | 2513.7 | 2639.1 | 2738.0 | 2796.2 |
| 30° | 1515.0 | 1620.4 | 1750.7 | 1892.4 | 2048.3 | 2212.8 | 2364.4 | 2504.6 | 2621.5 | 2700.5 | 2723.9 |
| 32.5° | 1469.5 | 1578.2 | 1705.7 | 1852.5 | 2017.5 | 2186.6 | 2344.5 | 2476.7 | 2574.1 | 2615.6 | 2587.2 |
| 35° | 1401.9 | 1500.1 | 1629.0 | 1779.1 | 1950.7 | 2130.8 | 2286.8 | 2398.5 | 2448.4 | 2409.2 | 2311.7 |
| 37.5° | 1320.7 | 1418.1 | 1547.5 | 1695.1 | 1872.6 | 2055.7 | 2196.6 | 2277.1 | 2260.6 | 2163.2 | 2017.9 |
| 40° | 1263.7 | 1354.9 | 1478.0 | 1637.4 | 1810.5 | 1994.2 | 2118.1 | 2161.5 | 2115.9 | 1976.4 | 1821.9 |
| 42.5° | 1200.5 | 1289.3 | 1413.1 | 1566.8 | 1750.2 | 1919.6 | 2027.5 | 2031.0 | 1954.7 | 1787.9 | 1632.8 |
| 45° | 1104.2 | 1188.9 | 1305.7 | 1465.9 | 1635.4 | 1794.8 | 1866.0 | 1831.1 | 1690.1 | 1529.3 | 1373.3 |
| 47.5° | 1009.2 | 1082.7 | 1197.7 | 1349.9 | 1510.7 | 1645.0 | 1680.3 | 1617.6 | 1467.3 | 1311.2 | 1166.6 |
| 50° | 939.8 | 1013.8 | 1122.0 | 1267.3 | 1422.5 | 1538.6 | 1555.6 | 1472.3 | 1324.9 | 1167.6 | 1054.4 |
| 52.5° | 873.2 | 946.6 | 1050.9 | 1185.3 | 1327.4 | 1432.0 | 1432.6 | 1336.2 | 1189.4 | 1049.1 | 943.9 |
| 55° | 775.3 | 841.5 | 935.5 | 1055.8 | 1182.6 | 1264.4 | 1244.5 | 1144.8 | 1017.4 | 895.6 | 803.8 |
| 57.5° | 681.1 | 738.7 | 825.3 | 925.7 | 1037.3 | 1104.8 | 1071.7 | 975.8 | 862.0 | 758.8 | 689.2 |
| 60° | 620.1 | 674.9 | 748.9 | 843.6 | 937.6 | 990.3 | 959.0 | 872.2 | 767.5 | 684.2 | 623.7 |
| 62.5° | 560.9 | 607.2 | 678.3 | 760.5 | 847.7 | 886.6 | 858.7 | 773.0 | 682.6 | 607.3 | 558.2 |
| 65° | 477.0 | 514.8 | 571.7 | 642.2 | 705.5 | 739.0 | 715.5 | 635.8 | 566.7 | 512.6 | 473.4 |
| 67.5° | 398.7 | 428.2 | 471.3 | 527.8 | 581.7 | 599.8 | 578.4 | 522.9 | 464.3 | 421.1 | 393.4 |
| 70° | 344.6 | 372.4 | 408.7 | 452.1 | 499.1 | 518.3 | 497.0 | 452.8 | 405.1 | 365.2 | 338.1 |
| 72.5° | 297.3 | 318.8 | 349.5 | 386.6 | 423.3 | 442.6 | 428.0 | 385.6 | 345.3 | 315.7 | 292.6 |
| 75° | 226.4 | 245.0 | 266.3 | 292.6 | 321.1 | 333.9 | 321.1 | 291.9 | 264.1 | 242.1 | 225.7 |
| 77.5° | 164.6 | 174.6 | 191.1 | 210.7 | 228.5 | 238.4 | 227.3 | 207.5 | 190.6 | 175.4 | 167.3 |
| 80° | 125.3 | 132.4 | 143.8 | 159.4 | 171.6 | 180.8 | 173.7 | 157.3 | 143.8 | 133.8 | 130.3 |
| 82.5° | 91.1 | 95.9 | 103.3 | 115.0 | 123.1 | 127.9 | 124.8 | 112.9 | 107.4 | 98.5 | 95.0 |
| 85° | 44.9 | 47.7 | 52.7 | 56.3 | 63.4 | 64.1 | 64.8 | 59.8 | 54.8 | 52.7 | 49.8 |
| 87.5° | 16.3 | 17.4 | 19.5 | 21.7 | 24.3 | 25.1 | 25.0 | 25.2 | 23.3 | 22.9 | 20.9 |
| 90° | 4.8 | 7.0 | 9.2 | 11.4 | 13.3 | 14.8 | 16.4 | 18.0 | 19.6 | 20.8 | 21.9 |
| 92.5° | 11.3 | 11.4 | 11.6 | 11.7 | 12.6 | 14.1 | 15.7 | 17.3 | 18.9 | 20.1 | 21.2 |
| 95° | 42.3 | 35.5 | 28.8 | 22.0 | 18.8 | 19.0 | 19.2 | 19.4 | 19.6 | 20.8 | 21.9 |
| 97.5° | 108.2 | 112.4 | 116.5 | 120.7 | 111.8 | 89.7 | 67.7 | 45.6 | 23.5 | 23.6 | 23.7 |
| 100° | 149.5 | 153.1 | 156.7 | 160.2 | 148.4 | 121.1 | 93.8 | 66.4 | 39.1 | 35.8 | 32.5 |
| 102.5° | 195.6 | 198.2 | 200.8 | 203.4 | 203.0 | 199.4 | 195.8 | 192.3 | 188.7 | 152.4 | 116.2 |
| 105° | 269.1 | 270.3 | 271.5 | 272.7 | 273.8 | 274.7 | 275.7 | 276.8 | 277.8 | 279.6 | 281.3 |
| 107.5° | 338.1 | 338.8 | 339.3 | 339.9 | 340.9 | 342.2 | 343.6 | 344.9 | 346.3 | 347.1 | 348.0 |
| 110° | 385.1 | 385.8 | 386.3 | 386.9 | 387.8 | 389.0 | 390.2 | 391.4 | 392.5 | 393.0 | 393.3 |



TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 431.2 | 432.3 | 433.4 | 434.4 | 435.2 | 435.8 | 436.3 | 436.8 | 437.4 | 437.4 | 437.3 |
| 115° | 500.9 | 501.5 | 502.0 | 502.7 | 502.8 | 502.7 | 502.5 | 502.2 | 502.0 | 502.5 | 502.8 |
| 117.5° | 564.3 | 565.1 | 565.9 | 566.7 | 567.2 | 567.7 | 568.1 | 568.6 | 569.0 | 568.9 | 568.8 |
| 120° | 607.0 | 607.8 | 608.6 | 609.4 | 609.7 | 609.5 | 609.3 | 609.0 | 608.9 | 609.3 | 609.7 |
| 122.5° | 646.6 | 647.0 | 647.5 | 648.0 | 648.4 | 648.6 | 648.9 | 649.2 | 649.4 | 649.7 | 650.0 |
| 125° | 704.0 | 704.8 | 705.6 | 706.4 | 706.6 | 706.2 | 705.8 | 705.4 | 705.0 | 705.6 | 706.2 |
| 127.5° | 757.5 | 757.8 | 758.0 | 758.1 | 758.7 | 759.6 | 760.5 | 761.4 | 762.3 | 762.2 | 762.1 |
| 130° | 792.5 | 792.6 | 792.8 | 793.0 | 793.4 | 794.1 | 794.6 | 795.2 | 795.9 | 796.0 | 796.2 |
| 132.5° | 824.7 | 825.0 | 825.4 | 825.7 | 826.3 | 827.1 | 827.8 | 828.5 | 829.3 | 829.5 | 829.6 |
| 135° | 872.2 | 872.0 | 871.7 | 871.6 | 871.8 | 872.6 | 873.4 | 874.2 | 875.0 | 875.4 | 875.8 |
| 137.5° | 915.0 | 915.1 | 915.2 | 915.3 | 915.7 | 916.6 | 917.5 | 918.3 | 919.2 | 919.6 | 920.1 |
| 140° | 943.1 | 943.5 | 943.9 | 944.2 | 944.7 | 945.0 | 945.5 | 945.8 | 946.3 | 946.8 | 947.4 |
| 142.5° | 968.3 | 969.0 | 969.7 | 970.4 | 970.9 | 971.2 | 971.4 | 971.6 | 971.9 | 972.3 | 972.8 |
| 145° | 1006.5 | 1007.1 | 1007.6 | 1008.3 | 1008.5 | 1008.5 | 1008.5 | 1008.5 | 1008.5 | 1008.8 | 1009.0 |
| 147.5° | 1037.4 | 1038.6 | 1039.6 | 1040.8 | 1041.3 | 1041.0 | 1040.8 | 1040.6 | 1040.4 | 1040.6 | 1040.7 |
| 150° | 1059.2 | 1060.0 | 1060.8 | 1061.6 | 1061.8 | 1061.7 | 1061.5 | 1061.3 | 1061.0 | 1061.0 | 1061.0 |
| 152.5° | 1077.5 | 1078.2 | 1078.8 | 1079.4 | 1079.6 | 1079.2 | 1078.9 | 1078.5 | 1078.2 | 1078.5 | 1078.8 |
| 155° | 1103.1 | 1103.3 | 1103.5 | 1103.7 | 1103.5 | 1103.0 | 1102.3 | 1101.7 | 1101.2 | 1101.9 | 1102.7 |
| 157.5° | 1124.7 | 1124.5 | 1124.4 | 1124.4 | 1123.9 | 1123.3 | 1122.6 | 1122.0 | 1121.2 | 1122.3 | 1123.3 |
| 160° | 1137.0 | 1136.5 | 1135.9 | 1135.2 | 1134.9 | 1134.7 | 1134.4 | 1134.3 | 1134.1 | 1135.2 | 1136.5 |
| 162.5° | 1148.3 | 1147.5 | 1146.7 | 1146.0 | 1145.6 | 1145.3 | 1145.1 | 1145.0 | 1144.8 | 1145.9 | 1147.1 |
| 165° | 1162.4 | 1161.5 | 1160.5 | 1159.5 | 1159.0 | 1159.0 | 1159.0 | 1159.0 | 1159.0 | 1160.6 | 1162.2 |
| 167.5° | 1173.8 | 1172.8 | 1171.8 | 1170.7 | 1170.2 | 1170.0 | 1169.9 | 1169.8 | 1169.7 | 1171.4 | 1173.1 |
| 170° | 1180.1 | 1178.8 | 1177.7 | 1176.5 | 1176.0 | 1176.2 | 1176.4 | 1176.6 | 1176.8 | 1178.4 | 1180.0 |
| 172.5° | 1184.4 | 1183.1 | 1182.0 | 1180.8 | 1180.3 | 1180.4 | 1180.7 | 1180.9 | 1181.1 | 1182.7 | 1184.3 |
| 175° | 1189.0 | 1187.8 | 1186.6 | 1185.4 | 1184.9 | 1185.1 | 1185.4 | 1185.5 | 1185.7 | 1187.5 | 1189.3 |
| 177.5° | 1191.1 | 1190.1 | 1189.0 | 1187.8 | 1187.5 | 1187.8 | 1188.1 | 1188.4 | 1188.7 | 1190.0 | 1191.2 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |



TEST NUMBER: P332697-940
 CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 | 1718.7 |
| 2.5° | 1811.5 | 1812.7 | 1817.8 | 1821.8 | 1822.9 | 1828.5 | 1829.2 |
| 5° | 1970.7 | 1982.8 | 2006.3 | 2008.4 | 2012.0 | 2030.5 | 2016.2 |
| 7.5° | 2157.2 | 2188.0 | 2208.5 | 2226.6 | 2233.1 | 2241.2 | 2239.5 |
| 10° | 2276.8 | 2322.4 | 2345.2 | 2381.5 | 2382.9 | 2392.2 | 2386.5 |
| 12.5° | 2397.0 | 2450.0 | 2491.5 | 2498.2 | 2528.7 | 2533.4 | 2541.4 |
| 15° | 2567.3 | 2623.5 | 2681.2 | 2701.9 | 2743.9 | 2753.9 | 2769.5 |
| 17.5° | 2727.4 | 2784.9 | 2825.3 | 2878.7 | 2895.9 | 2919.0 | 2903.3 |
| 20° | 2815.0 | 2877.7 | 2929.0 | 2971.0 | 2988.7 | 3001.6 | 3000.2 |
| 22.5° | 2868.0 | 2931.2 | 2972.8 | 3004.6 | 3021.2 | 3026.6 | 3026.4 |
| 25° | 2901.2 | 2937.5 | 2950.3 | 2962.4 | 2943.9 | 2937.5 | 2940.3 |
| 27.5° | 2809.0 | 2799.5 | 2766.1 | 2722.2 | 2676.6 | 2640.4 | 2620.8 |
| 30° | 2681.9 | 2626.4 | 2575.9 | 2487.5 | 2442.0 | 2414.9 | 2390.8 |
| 32.5° | 2502.0 | 2414.0 | 2316.7 | 2235.8 | 2184.0 | 2143.9 | 2137.9 |
| 35° | 2193.5 | 2061.1 | 1942.2 | 1843.3 | 1792.0 | 1748.6 | 1738.6 |
| 37.5° | 1864.9 | 1727.3 | 1620.2 | 1533.1 | 1478.0 | 1447.4 | 1418.8 |
| 40° | 1646.7 | 1528.6 | 1423.2 | 1349.2 | 1307.2 | 1285.0 | 1267.3 |
| 42.5° | 1478.7 | 1370.8 | 1266.0 | 1209.6 | 1171.6 | 1158.1 | 1147.6 |
| 45° | 1246.6 | 1146.2 | 1073.6 | 1030.9 | 1008.8 | 986.1 | 975.4 |
| 47.5° | 1060.8 | 979.1 | 931.2 | 894.9 | 871.3 | 857.7 | 851.0 |
| 50° | 955.5 | 888.5 | 845.8 | 818.1 | 796.7 | 786.0 | 780.3 |
| 52.5° | 862.0 | 807.1 | 771.2 | 749.1 | 734.6 | 726.7 | 724.5 |
| 55° | 742.5 | 700.5 | 677.8 | 658.5 | 647.9 | 640.8 | 637.9 |
| 57.5° | 645.4 | 613.1 | 594.6 | 578.8 | 574.7 | 568.7 | 566.7 |
| 60° | 581.7 | 556.8 | 541.1 | 530.4 | 526.8 | 519.7 | 521.1 |
| 62.5° | 525.3 | 504.9 | 491.5 | 485.4 | 480.7 | 474.7 | 476.7 |
| 65° | 444.3 | 429.3 | 422.2 | 416.5 | 410.8 | 407.2 | 410.1 |
| 67.5° | 372.7 | 362.6 | 352.8 | 349.6 | 346.7 | 346.2 | 343.1 |
| 70° | 326.1 | 317.5 | 309.0 | 306.8 | 306.8 | 304.0 | 303.3 |
| 72.5° | 281.1 | 274.8 | 269.1 | 267.5 | 265.3 | 266.4 | 263.4 |
| 75° | 217.1 | 212.1 | 210.0 | 207.9 | 207.1 | 207.1 | 205.0 |
| 77.5° | 160.5 | 156.8 | 153.4 | 153.4 | 150.8 | 149.8 | 149.5 |
| 80° | 121.7 | 120.3 | 117.4 | 117.4 | 116.0 | 116.7 | 115.3 |
| 82.5° | 91.6 | 89.5 | 89.0 | 87.8 | 85.9 | 86.0 | 84.6 |
| 85° | 49.1 | 47.0 | 46.3 | 44.1 | 42.7 | 44.1 | 42.7 |
| 87.5° | 21.8 | 21.4 | 21.0 | 19.9 | 19.4 | 19.5 | 17.8 |
| 90° | 23.2 | 24.3 | 25.1 | 25.5 | 25.9 | 26.3 | 26.7 |
| 92.5° | 22.5 | 23.6 | 24.3 | 24.3 | 24.4 | 24.5 | 24.6 |
| 95° | 23.2 | 24.3 | 25.1 | 25.2 | 25.4 | 25.6 | 25.8 |
| 97.5° | 23.9 | 24.0 | 24.2 | 24.3 | 24.5 | 24.7 | 25.0 |
| 100° | 29.1 | 25.7 | 24.2 | 24.3 | 24.5 | 24.7 | 25.0 |
| 102.5° | 79.9 | 43.6 | 25.5 | 25.5 | 25.6 | 25.6 | 25.7 |
| 105° | 283.0 | 284.8 | 282.2 | 275.1 | 268.0 | 260.8 | 253.7 |
| 107.5° | 348.9 | 349.7 | 350.5 | 351.3 | 352.0 | 352.8 | 353.6 |
| 110° | 393.8 | 394.1 | 394.7 | 395.2 | 395.8 | 396.5 | 397.0 |



TEST NUMBER: P332697-940

CATALOG NUMBER: SA4XXDIP-C1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 437.2 | 437.1 | 437.5 | 438.2 | 439.0 | 439.7 | 440.4 |
| 115° | 503.3 | 503.6 | 503.8 | 503.8 | 503.8 | 503.8 | 503.8 |
| 117.5° | 568.7 | 568.6 | 568.6 | 568.6 | 568.5 | 568.4 | 568.3 |
| 120° | 610.0 | 610.5 | 610.5 | 610.0 | 609.7 | 609.3 | 608.9 |
| 122.5° | 650.1 | 650.4 | 650.3 | 650.0 | 649.5 | 649.2 | 648.7 |
| 125° | 706.8 | 707.4 | 707.8 | 708.0 | 708.2 | 708.4 | 708.6 |
| 127.5° | 762.0 | 761.9 | 761.7 | 761.6 | 761.4 | 761.3 | 761.1 |
| 130° | 796.4 | 796.6 | 796.7 | 796.7 | 796.7 | 796.7 | 796.7 |
| 132.5° | 829.9 | 830.1 | 830.1 | 829.9 | 829.7 | 829.6 | 829.5 |
| 135° | 876.2 | 876.6 | 877.0 | 877.4 | 877.8 | 878.2 | 878.6 |
| 137.5° | 920.5 | 921.0 | 921.0 | 921.0 | 920.9 | 920.7 | 920.6 |
| 140° | 948.1 | 948.6 | 949.0 | 949.2 | 949.4 | 949.6 | 949.9 |
| 142.5° | 973.2 | 973.7 | 973.8 | 973.9 | 973.9 | 974.0 | 974.0 |
| 145° | 1009.1 | 1009.3 | 1009.7 | 1010.0 | 1010.4 | 1010.8 | 1011.2 |
| 147.5° | 1040.9 | 1041.1 | 1041.3 | 1041.4 | 1041.6 | 1041.9 | 1042.1 |
| 150° | 1061.0 | 1061.0 | 1061.1 | 1061.4 | 1061.6 | 1061.8 | 1061.9 |
| 152.5° | 1079.1 | 1079.4 | 1079.5 | 1079.4 | 1079.3 | 1079.1 | 1079.1 |
| 155° | 1103.5 | 1104.3 | 1104.4 | 1103.8 | 1103.2 | 1102.6 | 1102.1 |
| 157.5° | 1124.4 | 1125.3 | 1125.3 | 1124.4 | 1123.3 | 1122.3 | 1121.2 |
| 160° | 1137.6 | 1138.8 | 1138.8 | 1137.6 | 1136.5 | 1135.2 | 1134.1 |
| 162.5° | 1148.3 | 1149.5 | 1149.4 | 1148.1 | 1146.7 | 1145.4 | 1144.1 |
| 165° | 1163.8 | 1165.3 | 1165.2 | 1163.4 | 1161.6 | 1159.8 | 1158.1 |
| 167.5° | 1174.9 | 1176.6 | 1176.5 | 1174.6 | 1172.6 | 1170.5 | 1168.6 |
| 170° | 1181.5 | 1183.1 | 1182.9 | 1181.0 | 1179.0 | 1177.0 | 1175.0 |
| 172.5° | 1185.8 | 1187.4 | 1187.1 | 1185.0 | 1182.9 | 1180.7 | 1178.6 |
| 175° | 1191.1 | 1192.8 | 1192.5 | 1190.2 | 1187.8 | 1185.4 | 1183.0 |
| 177.5° | 1192.5 | 1193.8 | 1193.5 | 1191.6 | 1189.7 | 1187.8 | 1185.9 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |

(END OF REPORT)