

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: P332981-840

Luminaire Tested: **SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332981-840
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-18,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1205 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

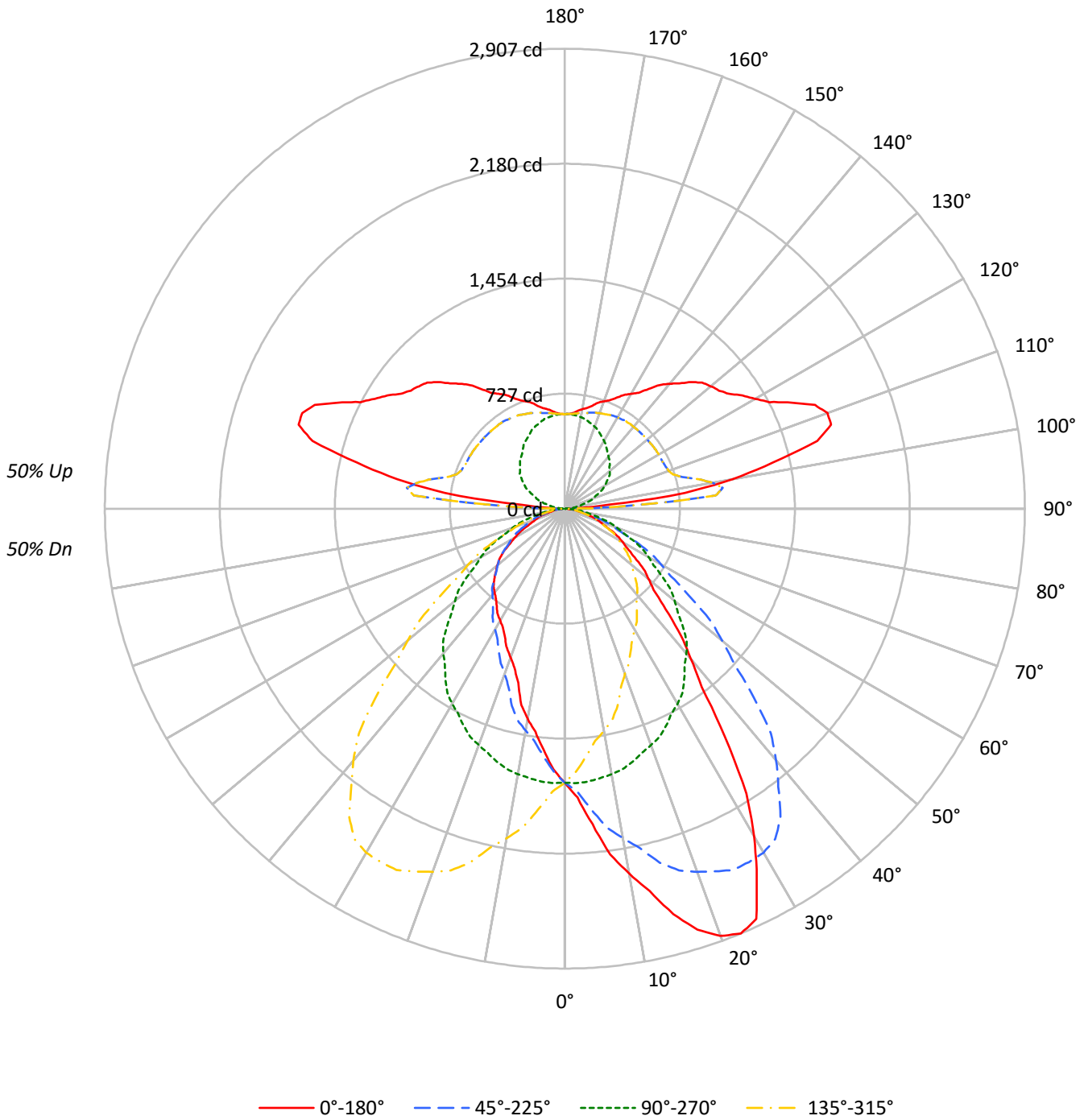
Lumens per Lamp: N/A
Luminaire Lumens: 8727.3 lumens
Efficiency: N/A
Efficacy: 133.4 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 65.4
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: P332981-840
CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332981-840

CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

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 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 56 | 56 | 56 | 50 |
| 1 | 98 | 94 | 90 | 87 | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 60 | 59 | 51 | 49 | 48 | 43 |
| 2 | 90 | 83 | 77 | 72 | 83 | 77 | 72 | 67 | 65 | 62 | 58 | 55 | 52 | 50 | 45 | 43 | 42 | 37 |
| 3 | 82 | 73 | 66 | 60 | 76 | 68 | 62 | 57 | 58 | 53 | 49 | 49 | 45 | 43 | 40 | 38 | 36 | 32 |
| 4 | 75 | 65 | 57 | 51 | 69 | 60 | 54 | 48 | 52 | 47 | 43 | 44 | 40 | 37 | 36 | 33 | 31 | 28 |
| 5 | 69 | 58 | 50 | 44 | 64 | 54 | 47 | 42 | 46 | 41 | 37 | 39 | 35 | 32 | 33 | 30 | 27 | 24 |
| 6 | 64 | 52 | 44 | 39 | 59 | 49 | 42 | 37 | 42 | 36 | 32 | 36 | 32 | 28 | 30 | 27 | 24 | 21 |
| 7 | 59 | 47 | 39 | 34 | 55 | 44 | 37 | 32 | 38 | 33 | 29 | 33 | 28 | 25 | 27 | 24 | 22 | 19 |
| 8 | 55 | 43 | 35 | 30 | 51 | 40 | 33 | 29 | 35 | 29 | 26 | 30 | 26 | 23 | 25 | 22 | 20 | 17 |
| 9 | 51 | 39 | 32 | 27 | 47 | 37 | 30 | 26 | 32 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 18 | 16 |
| 10 | 48 | 36 | 29 | 24 | 44 | 34 | 27 | 23 | 30 | 24 | 21 | 25 | 21 | 18 | 22 | 18 | 16 | 14 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 13988 | 13988 | 13988 | 13988 |
| 5° | 16226 | 14030 | 12400 | 14030 |
| 10° | 19194 | 13969 | 11068 | 13969 |
| 15° | 22172 | 13840 | 9510 | 13840 |
| 20° | 24686 | 13662 | 8600 | 13662 |
| 25° | 25483 | 13488 | 7985 | 13488 |
| 30° | 22309 | 13276 | 7614 | 13276 |
| 35° | 17366 | 12962 | 7389 | 12962 |
| 40° | 13022 | 12603 | 7268 | 12603 |
| 45° | 10282 | 12028 | 7205 | 12028 |
| 50° | 8681 | 11362 | 6997 | 11362 |
| 55° | 7567 | 10632 | 6622 | 10632 |
| 60° | 6807 | 9875 | 5861 | 9875 |
| 65° | 6002 | 9054 | 5041 | 9054 |
| 70° | 5403 | 8207 | 4548 | 8207 |
| 75° | 4529 | 7274 | 3877 | 7274 |
| 80° | 3831 | 6197 | 3636 | 6197 |
| 85° | 3233 | 4844 | 3233 | 4844 |



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CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 167.9 | 1.9 |
| 10°-20° | 506.4 | 5.8 |
| 20°-30° | 792.1 | 9.1 |
| 30°-40° | 880.6 | 10.1 |
| 40°-50° | 781.3 | 9.0 |
| 50°-60° | 608.8 | 7.0 |
| 60°-70° | 398.6 | 4.6 |
| 70°-80° | 196.0 | 2.2 |
| 80°-90° | 51.7 | 0.6 |
| 90°-100° | 431.4 | 4.9 |
| 100°-110° | 897.9 | 10.3 |
| 110°-120° | 804.2 | 9.2 |
| 120°-130° | 676.5 | 7.8 |
| 130°-140° | 564.1 | 6.5 |
| 140°-150° | 430.9 | 4.9 |
| 150°-160° | 302.9 | 3.5 |
| 160°-170° | 178.2 | 2.0 |
| 170°-180° | 58.0 | 0.7 |
| 0°-30° | 1466.4 | 16.8 |
| 0°-40° | 2347.0 | 26.9 |
| 0°-60° | 3737.0 | 42.8 |
| 0°-90° | 4383.3 | 50.2 |
| 90°-120° | 2133.5 | 24.4 |
| 90°-150° | 3805.0 | 43.6 |
| 90°-180° | 4344.0 | 49.8 |
| 0°-180° | 8727.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1733 | 1733 | 1733 | 1733 | 1733 | |
| 5° | 2002 | 1731 | 1530 | 1731 | 2002 | 203 |
| 15° | 2653 | 1656 | 1138 | 1656 | 2653 | 754 |
| 25° | 2861 | 1514 | 896 | 1514 | 2861 | 1269 |
| 35° | 1762 | 1315 | 750 | 1315 | 1762 | 1105 |
| 45° | 901 | 1054 | 631 | 1054 | 901 | 713 |
| 55° | 538 | 755 | 470 | 755 | 538 | 489 |
| 65° | 314 | 474 | 264 | 474 | 314 | 316 |
| 75° | 145 | 233 | 124 | 233 | 145 | 160 |
| 85° | 35 | 52 | 35 | 52 | 35 | 40 |
| 90° | 25 | 1 | 25 | 1 | 25 | 21 |
| 95° | 286 | 39 | 286 | 39 | 286 | 444 |
| 105° | 1651 | 137 | 1651 | 137 | 1651 | 1632 |
| 115° | 1585 | 242 | 1585 | 242 | 1585 | 1574 |
| 125° | 1265 | 337 | 1265 | 337 | 1265 | 1149 |
| 135° | 1131 | 400 | 1131 | 400 | 1131 | 873 |
| 145° | 924 | 461 | 924 | 461 | 924 | 585 |
| 155° | 773 | 524 | 773 | 524 | 773 | 361 |
| 165° | 675 | 572 | 675 | 572 | 675 | 193 |
| 175° | 608 | 596 | 608 | 596 | 608 | 59 |
| 180° | 597 | 597 | 597 | 597 | 597 | |



TEST NUMBER: P332981-840

CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5° | 1827.7 | 1832.7 | 1827.7 | 1827.1 | 1821.6 | 1819.9 | 1817.7 | 1810.4 | 1797.0 | 1789.2 | 1790.8 |
| 5° | 2002.3 | 2019.6 | 2009.9 | 2008.5 | 1993.2 | 1977.8 | 1968.0 | 1945.7 | 1922.0 | 1905.9 | 1892.6 |
| 7.5° | 2204.1 | 2214.1 | 2208.1 | 2198.3 | 2173.4 | 2159.3 | 2136.7 | 2107.2 | 2064.7 | 2032.1 | 2002.4 |
| 10° | 2341.5 | 2349.9 | 2347.1 | 2329.0 | 2310.8 | 2273.8 | 2252.8 | 2211.7 | 2157.9 | 2115.4 | 2075.5 |
| 12.5° | 2476.7 | 2485.6 | 2461.0 | 2461.8 | 2427.5 | 2398.3 | 2365.1 | 2313.3 | 2251.2 | 2196.3 | 2146.5 |
| 15° | 2652.9 | 2641.7 | 2641.7 | 2627.8 | 2589.3 | 2548.9 | 2514.7 | 2460.2 | 2382.0 | 2316.3 | 2247.3 |
| 17.5° | 2790.9 | 2794.7 | 2789.0 | 2756.0 | 2725.9 | 2684.0 | 2621.3 | 2557.8 | 2485.2 | 2397.1 | 2326.4 |
| 20° | 2873.5 | 2873.5 | 2867.2 | 2844.9 | 2805.8 | 2761.1 | 2693.4 | 2624.2 | 2532.1 | 2443.5 | 2363.9 |
| 22.5° | 2907.0 | 2909.2 | 2901.8 | 2883.4 | 2848.2 | 2804.6 | 2746.9 | 2676.7 | 2581.8 | 2481.9 | 2383.4 |
| 25° | 2860.9 | 2874.2 | 2875.6 | 2870.6 | 2860.2 | 2833.7 | 2784.1 | 2712.2 | 2627.1 | 2518.8 | 2412.7 |
| 27.5° | 2626.7 | 2643.4 | 2658.1 | 2682.2 | 2714.3 | 2731.1 | 2733.3 | 2696.7 | 2622.4 | 2518.3 | 2411.5 |
| 30° | 2393.2 | 2407.1 | 2452.6 | 2511.8 | 2557.9 | 2599.8 | 2636.2 | 2645.8 | 2604.0 | 2510.4 | 2398.0 |
| 32.5° | 2134.0 | 2153.0 | 2198.4 | 2262.2 | 2338.9 | 2409.9 | 2491.4 | 2533.0 | 2531.9 | 2475.8 | 2371.8 |
| 35° | 1762.1 | 1776.0 | 1818.0 | 1884.9 | 1977.1 | 2082.5 | 2211.7 | 2312.2 | 2380.6 | 2375.7 | 2312.2 |
| 37.5° | 1421.1 | 1436.8 | 1479.1 | 1534.8 | 1624.2 | 1754.6 | 1879.7 | 2018.1 | 2144.7 | 2215.7 | 2194.4 |
| 40° | 1235.7 | 1236.4 | 1277.6 | 1334.8 | 1418.6 | 1532.4 | 1668.5 | 1822.1 | 1963.1 | 2078.3 | 2100.6 |
| 42.5° | 1089.3 | 1089.4 | 1116.7 | 1178.4 | 1238.8 | 1345.8 | 1475.8 | 1628.3 | 1793.3 | 1926.4 | 1985.6 |
| 45° | 900.6 | 906.9 | 929.2 | 966.2 | 1013.7 | 1104.4 | 1208.4 | 1350.2 | 1535.2 | 1692.9 | 1791.4 |
| 47.5° | 762.7 | 771.8 | 786.1 | 816.3 | 854.0 | 914.5 | 1000.6 | 1127.9 | 1278.4 | 1452.0 | 1592.1 |
| 50° | 691.2 | 692.6 | 710.6 | 727.4 | 760.2 | 808.4 | 883.8 | 990.0 | 1128.1 | 1295.1 | 1450.7 |
| 52.5° | 629.8 | 629.4 | 640.4 | 661.6 | 688.2 | 725.8 | 786.7 | 883.2 | 1005.8 | 1155.4 | 1316.1 |
| 55° | 537.6 | 541.1 | 549.5 | 566.1 | 586.4 | 613.0 | 661.2 | 733.8 | 830.1 | 957.9 | 1103.8 |
| 57.5° | 467.5 | 469.3 | 475.8 | 482.9 | 501.5 | 520.8 | 556.9 | 607.3 | 688.6 | 793.2 | 929.2 |
| 60° | 421.6 | 422.3 | 424.4 | 434.9 | 449.6 | 467.8 | 492.2 | 534.7 | 603.2 | 698.8 | 806.4 |
| 62.5° | 377.0 | 378.2 | 381.4 | 389.1 | 400.4 | 413.0 | 438.6 | 472.8 | 529.5 | 611.2 | 708.0 |
| 65° | 314.2 | 314.9 | 319.7 | 322.6 | 331.6 | 342.7 | 361.6 | 384.7 | 423.7 | 492.2 | 565.5 |
| 67.5° | 262.5 | 262.5 | 262.8 | 266.5 | 272.9 | 280.2 | 291.5 | 309.9 | 339.4 | 381.4 | 446.1 |
| 70° | 228.9 | 228.9 | 230.4 | 232.5 | 236.0 | 242.3 | 248.5 | 262.5 | 284.2 | 318.3 | 367.9 |
| 72.5° | 197.7 | 198.2 | 199.7 | 200.1 | 201.9 | 207.0 | 211.7 | 220.7 | 236.7 | 262.5 | 302.6 |
| 75° | 145.2 | 147.3 | 150.8 | 153.6 | 157.0 | 156.4 | 161.3 | 166.8 | 171.8 | 187.1 | 210.2 |
| 77.5° | 108.1 | 106.9 | 107.3 | 109.8 | 110.2 | 110.9 | 114.3 | 118.7 | 122.3 | 129.6 | 137.8 |
| 80° | 82.4 | 82.4 | 84.4 | 85.1 | 84.4 | 85.1 | 88.7 | 90.8 | 92.2 | 94.9 | 102.6 |
| 82.5° | 62.3 | 63.4 | 62.7 | 63.4 | 63.8 | 64.5 | 67.5 | 67.9 | 69.3 | 70.4 | 73.6 |
| 85° | 34.9 | 35.6 | 36.3 | 34.9 | 34.9 | 34.9 | 36.3 | 37.0 | 38.4 | 37.7 | 39.1 |
| 87.5° | 17.2 | 16.7 | 17.5 | 17.2 | 17.6 | 17.0 | 17.3 | 18.2 | 16.9 | 17.7 | 17.2 |
| 90° | 24.6 | 24.6 | 25.9 | 24.6 | 23.4 | 23.4 | 22.3 | 21.1 | 20.0 | 21.1 | 18.8 |
| 92.5° | 90.4 | 90.4 | 94.3 | 100.7 | 114.5 | 138.0 | 173.4 | 230.5 | 310.0 | 372.2 | 325.8 |
| 95° | 286.3 | 301.5 | 322.8 | 359.1 | 416.6 | 530.4 | 687.6 | 869.5 | 983.4 | 956.3 | 721.6 |
| 97.5° | 765.4 | 789.7 | 825.0 | 895.5 | 979.9 | 1102.4 | 1217.1 | 1284.8 | 1235.5 | 1007.3 | 675.4 |
| 100° | 1076.1 | 1085.5 | 1120.6 | 1192.2 | 1294.3 | 1381.2 | 1438.7 | 1415.2 | 1243.9 | 943.4 | 612.6 |
| 102.5° | 1346.5 | 1353.9 | 1391.0 | 1442.9 | 1505.5 | 1541.7 | 1525.0 | 1408.7 | 1173.5 | 863.6 | 570.3 |
| 105° | 1651.0 | 1658.1 | 1674.6 | 1683.9 | 1681.5 | 1633.5 | 1517.3 | 1314.2 | 1045.5 | 769.8 | 533.9 |
| 107.5° | 1764.2 | 1761.1 | 1749.4 | 1722.6 | 1664.7 | 1560.0 | 1396.4 | 1180.2 | 942.3 | 717.2 | 527.4 |
| 110° | 1766.1 | 1755.5 | 1734.3 | 1685.1 | 1601.7 | 1472.7 | 1302.5 | 1099.5 | 890.7 | 699.4 | 529.3 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1710.7 | 1693.5 | 1664.0 | 1604.4 | 1509.7 | 1380.7 | 1219.9 | 1040.4 | 861.5 | 690.9 | 534.8 |
| 115° | 1585.4 | 1576.0 | 1538.4 | 1468.0 | 1375.3 | 1262.6 | 1125.4 | 981.0 | 834.4 | 686.5 | 545.6 |
| 117.5° | 1458.3 | 1451.1 | 1413.1 | 1353.9 | 1274.9 | 1179.3 | 1071.4 | 951.9 | 822.1 | 685.3 | 557.1 |
| 120° | 1387.0 | 1374.1 | 1343.6 | 1292.0 | 1225.1 | 1141.8 | 1047.9 | 938.8 | 815.6 | 685.3 | 565.6 |
| 122.5° | 1330.7 | 1317.8 | 1292.0 | 1247.9 | 1191.3 | 1118.3 | 1032.9 | 927.5 | 808.1 | 684.4 | 574.1 |
| 125° | 1265.0 | 1258.0 | 1235.7 | 1201.6 | 1154.7 | 1090.1 | 1009.2 | 908.3 | 795.6 | 683.0 | 586.7 |
| 127.5° | 1226.5 | 1219.5 | 1200.7 | 1170.4 | 1123.3 | 1062.0 | 981.3 | 884.7 | 778.9 | 680.3 | 596.8 |
| 130° | 1204.0 | 1196.9 | 1178.1 | 1148.8 | 1100.8 | 1038.5 | 958.8 | 866.1 | 768.6 | 679.4 | 604.3 |
| 132.5° | 1178.6 | 1171.5 | 1153.8 | 1120.6 | 1073.5 | 1011.3 | 933.4 | 846.3 | 759.2 | 678.5 | 610.9 |
| 135° | 1131.3 | 1124.2 | 1105.4 | 1072.6 | 1025.6 | 966.9 | 895.3 | 819.1 | 745.2 | 677.1 | 620.8 |
| 137.5° | 1072.6 | 1064.1 | 1048.6 | 1016.2 | 972.3 | 919.3 | 859.0 | 794.5 | 733.0 | 676.8 | 626.6 |
| 140° | 1030.3 | 1020.9 | 1004.5 | 978.7 | 937.6 | 888.3 | 835.5 | 780.3 | 726.4 | 675.9 | 631.4 |
| 142.5° | 985.2 | 978.7 | 964.1 | 940.2 | 903.8 | 861.1 | 815.8 | 767.2 | 720.7 | 675.9 | 635.1 |
| 145° | 923.5 | 917.7 | 905.9 | 886.0 | 856.7 | 823.7 | 788.6 | 748.7 | 711.1 | 673.6 | 637.2 |
| 147.5° | 868.8 | 866.8 | 857.8 | 840.7 | 819.1 | 793.2 | 765.1 | 733.5 | 702.5 | 669.3 | 638.3 |
| 150° | 837.9 | 836.7 | 829.6 | 814.4 | 795.6 | 774.5 | 751.0 | 724.1 | 695.9 | 666.5 | 638.3 |
| 152.5° | 809.7 | 808.5 | 804.3 | 791.8 | 775.9 | 758.5 | 736.9 | 713.7 | 688.3 | 661.9 | 636.5 |
| 155° | 773.4 | 773.4 | 769.8 | 760.4 | 748.7 | 734.6 | 717.0 | 698.2 | 677.1 | 654.8 | 633.7 |
| 157.5° | 741.4 | 741.4 | 739.3 | 732.3 | 723.4 | 712.1 | 697.3 | 681.6 | 665.6 | 647.5 | 630.7 |
| 160° | 721.6 | 721.6 | 720.5 | 713.5 | 706.4 | 697.0 | 684.1 | 671.3 | 657.1 | 641.9 | 627.8 |
| 162.5° | 702.9 | 703.9 | 702.7 | 695.6 | 690.4 | 682.1 | 672.0 | 660.9 | 649.6 | 636.2 | 625.0 |
| 165° | 674.8 | 675.9 | 677.1 | 672.4 | 667.7 | 661.9 | 653.6 | 646.6 | 637.2 | 627.8 | 619.6 |
| 167.5° | 652.5 | 653.4 | 653.6 | 650.6 | 648.2 | 644.7 | 638.1 | 632.8 | 625.9 | 619.4 | 614.0 |
| 170° | 638.3 | 638.3 | 639.5 | 638.3 | 636.0 | 632.5 | 627.8 | 624.3 | 618.4 | 613.7 | 610.2 |
| 172.5° | 624.3 | 626.1 | 627.3 | 626.1 | 624.7 | 622.2 | 619.4 | 616.7 | 611.9 | 608.0 | 606.4 |
| 175° | 607.8 | 610.2 | 612.6 | 610.2 | 610.2 | 610.2 | 607.8 | 606.7 | 604.3 | 602.0 | 602.0 |
| 177.5° | 598.2 | 600.1 | 602.0 | 601.1 | 602.0 | 601.1 | 601.1 | 600.1 | 599.2 | 598.2 | 598.2 |
| 180° | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 |



TEST NUMBER: P332981-840

CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5° | 1785.2 | 1777.5 | 1773.5 | 1764.5 | 1753.9 | 1748.4 | 1743.3 | 1736.1 | 1726.6 | 1716.6 | 1709.3 |
| 5° | 1875.8 | 1859.1 | 1838.2 | 1813.0 | 1790.7 | 1769.1 | 1750.2 | 1731.3 | 1709.7 | 1687.4 | 1665.1 |
| 7.5° | 1968.8 | 1935.9 | 1900.3 | 1859.1 | 1819.1 | 1782.6 | 1749.1 | 1717.0 | 1680.6 | 1648.1 | 1618.5 |
| 10° | 2033.7 | 1988.9 | 1939.3 | 1887.0 | 1834.6 | 1789.3 | 1744.6 | 1704.1 | 1659.4 | 1619.6 | 1586.1 |
| 12.5° | 2086.2 | 2033.7 | 1974.0 | 1908.8 | 1845.8 | 1791.0 | 1739.6 | 1686.8 | 1636.0 | 1592.9 | 1548.1 |
| 15° | 2173.2 | 2101.3 | 2021.0 | 1942.9 | 1861.2 | 1786.5 | 1717.4 | 1656.0 | 1598.0 | 1537.3 | 1494.7 |
| 17.5° | 2233.1 | 2147.9 | 2050.2 | 1956.3 | 1859.8 | 1771.7 | 1691.9 | 1618.8 | 1552.0 | 1490.0 | 1439.3 |
| 20° | 2268.9 | 2174.6 | 2066.5 | 1959.6 | 1851.4 | 1757.2 | 1671.3 | 1590.3 | 1521.3 | 1454.2 | 1401.8 |
| 22.5° | 2289.0 | 2184.7 | 2066.5 | 1954.6 | 1842.5 | 1740.4 | 1646.2 | 1561.9 | 1486.6 | 1419.6 | 1361.6 |
| 25° | 2295.4 | 2183.7 | 2063.0 | 1934.5 | 1811.6 | 1703.4 | 1605.7 | 1514.2 | 1430.5 | 1363.4 | 1302.0 |
| 27.5° | 2286.5 | 2155.0 | 2031.2 | 1899.5 | 1772.7 | 1658.6 | 1556.0 | 1460.0 | 1376.0 | 1304.1 | 1241.1 |
| 30° | 2273.1 | 2132.0 | 1999.4 | 1862.6 | 1734.1 | 1624.6 | 1516.3 | 1424.2 | 1336.9 | 1262.2 | 1198.7 |
| 32.5° | 2244.0 | 2104.2 | 1961.5 | 1821.3 | 1691.1 | 1578.2 | 1475.5 | 1382.8 | 1297.3 | 1220.9 | 1153.5 |
| 35° | 2186.6 | 2044.8 | 1889.9 | 1746.1 | 1618.2 | 1501.0 | 1404.6 | 1315.2 | 1233.6 | 1152.0 | 1080.7 |
| 37.5° | 2110.7 | 1965.9 | 1811.8 | 1654.3 | 1526.4 | 1415.6 | 1327.3 | 1243.3 | 1163.7 | 1089.0 | 1010.2 |
| 40° | 2039.2 | 1907.2 | 1748.1 | 1591.7 | 1460.5 | 1353.6 | 1272.0 | 1195.9 | 1115.6 | 1041.6 | 962.7 |
| 42.5° | 1952.7 | 1840.3 | 1679.4 | 1522.5 | 1392.9 | 1290.0 | 1213.9 | 1139.4 | 1066.4 | 994.7 | 912.4 |
| 45° | 1808.2 | 1722.9 | 1572.2 | 1421.4 | 1290.8 | 1188.9 | 1119.1 | 1053.5 | 989.3 | 920.8 | 843.3 |
| 47.5° | 1642.5 | 1584.9 | 1454.7 | 1300.3 | 1179.5 | 1087.8 | 1020.4 | 966.7 | 912.4 | 844.0 | 776.1 |
| 50° | 1527.5 | 1490.5 | 1364.8 | 1223.9 | 1108.6 | 1024.1 | 955.0 | 904.7 | 859.4 | 793.8 | 733.1 |
| 52.5° | 1404.6 | 1384.9 | 1278.8 | 1144.0 | 1032.7 | 949.9 | 890.8 | 845.6 | 799.6 | 745.2 | 688.3 |
| 55° | 1217.5 | 1228.0 | 1137.9 | 1021.4 | 916.7 | 846.9 | 793.0 | 755.4 | 716.3 | 670.2 | 626.2 |
| 57.5° | 1026.2 | 1064.5 | 1004.0 | 901.7 | 803.5 | 739.0 | 698.5 | 666.8 | 634.0 | 595.8 | 558.3 |
| 60° | 911.7 | 943.8 | 909.7 | 819.6 | 733.8 | 673.7 | 636.0 | 611.6 | 578.8 | 543.8 | 515.2 |
| 62.5° | 800.0 | 834.4 | 814.2 | 741.4 | 661.7 | 610.1 | 576.8 | 554.0 | 529.6 | 499.2 | 469.4 |
| 65° | 659.7 | 682.1 | 672.3 | 622.1 | 565.5 | 521.5 | 490.8 | 474.0 | 451.7 | 429.4 | 402.8 |
| 67.5° | 505.3 | 548.5 | 542.7 | 516.0 | 467.2 | 432.8 | 412.7 | 397.9 | 377.6 | 360.9 | 343.0 |
| 70° | 415.4 | 455.1 | 454.4 | 432.8 | 406.3 | 374.2 | 360.2 | 347.7 | 329.5 | 313.5 | 298.8 |
| 72.5° | 340.0 | 376.5 | 381.8 | 365.3 | 347.1 | 322.9 | 309.4 | 300.7 | 283.2 | 272.2 | 260.2 |
| 75° | 238.0 | 264.6 | 271.6 | 271.6 | 263.2 | 250.6 | 238.7 | 233.2 | 220.7 | 210.9 | 203.9 |
| 77.5° | 156.1 | 172.9 | 183.8 | 186.2 | 187.5 | 183.3 | 173.6 | 169.7 | 160.0 | 156.5 | 149.9 |
| 80° | 110.3 | 121.5 | 134.0 | 138.3 | 141.7 | 140.4 | 136.1 | 133.3 | 124.3 | 120.8 | 118.0 |
| 82.5° | 76.2 | 82.4 | 92.7 | 101.9 | 101.0 | 104.6 | 101.0 | 98.8 | 91.9 | 90.6 | 87.9 |
| 85° | 39.8 | 40.5 | 41.9 | 48.2 | 51.7 | 53.0 | 53.7 | 52.3 | 50.3 | 50.3 | 45.3 |
| 87.5° | 16.7 | 16.2 | 15.9 | 15.9 | 16.2 | 18.2 | 19.1 | 19.2 | 18.0 | 17.1 | 15.7 |
| 90° | 16.5 | 16.5 | 9.4 | 9.4 | 8.2 | 7.1 | 3.5 | 1.2 | 3.5 | 7.1 | 8.2 |
| 92.5° | 237.0 | 146.0 | 86.3 | 62.0 | 44.8 | 30.5 | 19.5 | 13.3 | 19.5 | 30.5 | 44.8 |
| 95° | 441.2 | 248.7 | 146.7 | 97.4 | 69.3 | 54.0 | 42.2 | 38.7 | 42.2 | 54.0 | 69.3 |
| 97.5° | 396.7 | 237.7 | 159.2 | 117.9 | 93.6 | 79.6 | 69.5 | 69.5 | 69.5 | 79.6 | 93.6 |
| 100° | 373.1 | 240.5 | 171.4 | 133.8 | 111.5 | 97.4 | 89.2 | 89.2 | 89.2 | 97.4 | 111.5 |
| 102.5° | 366.6 | 249.9 | 187.3 | 151.6 | 130.3 | 117.1 | 109.9 | 108.0 | 109.9 | 117.1 | 130.3 |
| 105° | 369.6 | 272.3 | 215.9 | 181.9 | 160.8 | 146.7 | 140.8 | 137.3 | 140.8 | 146.7 | 160.8 |
| 107.5° | 387.0 | 298.3 | 246.7 | 213.1 | 192.9 | 177.9 | 172.0 | 169.7 | 172.0 | 177.9 | 192.9 |
| 110° | 400.1 | 318.0 | 266.4 | 234.7 | 213.6 | 199.4 | 193.6 | 191.3 | 193.6 | 199.4 | 213.6 |



TEST NUMBER: P332981-840

CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 414.2 | 336.8 | 287.0 | 255.4 | 234.2 | 221.1 | 214.3 | 212.0 | 214.3 | 221.1 | 234.2 |
| 115° | 436.6 | 366.1 | 319.2 | 287.5 | 265.2 | 253.5 | 245.3 | 241.8 | 245.3 | 253.5 | 265.2 |
| 117.5° | 459.3 | 394.6 | 349.9 | 317.1 | 296.2 | 283.3 | 276.0 | 272.7 | 276.0 | 283.3 | 296.2 |
| 120° | 475.2 | 414.2 | 369.6 | 336.8 | 316.8 | 304.0 | 295.7 | 293.4 | 295.7 | 304.0 | 316.8 |
| 122.5° | 490.3 | 433.0 | 388.4 | 356.5 | 334.7 | 322.8 | 314.5 | 312.1 | 314.5 | 322.8 | 334.7 |
| 125° | 512.8 | 458.8 | 416.6 | 383.7 | 361.4 | 348.5 | 341.4 | 336.8 | 341.4 | 348.5 | 361.4 |
| 127.5° | 532.3 | 482.7 | 441.9 | 408.8 | 385.6 | 370.8 | 362.3 | 358.6 | 362.3 | 370.8 | 385.6 |
| 130° | 544.5 | 498.8 | 458.8 | 424.7 | 402.5 | 384.9 | 375.5 | 370.8 | 375.5 | 384.9 | 402.5 |
| 132.5° | 556.7 | 511.9 | 472.0 | 439.8 | 415.7 | 399.0 | 386.8 | 383.0 | 386.8 | 399.0 | 415.7 |
| 135° | 572.7 | 530.4 | 491.7 | 461.2 | 436.6 | 416.6 | 404.9 | 400.1 | 404.9 | 416.6 | 436.6 |
| 137.5° | 583.9 | 544.5 | 508.4 | 479.3 | 453.6 | 434.6 | 421.7 | 417.3 | 421.7 | 434.6 | 453.6 |
| 140° | 591.4 | 553.9 | 518.7 | 490.5 | 465.9 | 446.0 | 433.0 | 429.5 | 433.0 | 446.0 | 465.9 |
| 142.5° | 597.0 | 562.3 | 528.1 | 500.8 | 477.2 | 458.1 | 446.2 | 442.6 | 446.2 | 458.1 | 477.2 |
| 145° | 603.2 | 571.5 | 541.0 | 515.1 | 492.8 | 476.5 | 464.7 | 461.2 | 464.7 | 476.5 | 492.8 |
| 147.5° | 608.5 | 580.9 | 552.2 | 529.0 | 510.5 | 493.5 | 483.2 | 482.0 | 483.2 | 493.5 | 510.5 |
| 150° | 611.4 | 585.5 | 559.8 | 537.5 | 519.9 | 505.7 | 496.3 | 495.2 | 496.3 | 505.7 | 519.9 |
| 152.5° | 613.3 | 589.4 | 566.3 | 545.9 | 530.2 | 517.1 | 507.7 | 507.4 | 507.7 | 517.1 | 530.2 |
| 155° | 614.9 | 594.9 | 575.0 | 557.4 | 544.5 | 532.7 | 525.7 | 524.5 | 525.7 | 532.7 | 544.5 |
| 157.5° | 614.9 | 599.0 | 582.1 | 568.2 | 556.9 | 547.8 | 541.2 | 541.2 | 541.2 | 547.8 | 556.9 |
| 160° | 614.9 | 600.8 | 586.7 | 573.8 | 564.4 | 556.2 | 551.5 | 551.5 | 551.5 | 556.2 | 564.4 |
| 162.5° | 614.9 | 602.7 | 589.6 | 579.5 | 571.0 | 563.7 | 560.0 | 560.9 | 560.0 | 563.7 | 571.0 |
| 165° | 612.6 | 603.2 | 592.6 | 585.5 | 579.7 | 573.8 | 571.5 | 571.5 | 571.5 | 573.8 | 579.7 |
| 167.5° | 609.8 | 602.9 | 595.2 | 589.8 | 586.5 | 582.1 | 580.9 | 582.1 | 580.9 | 582.1 | 586.5 |
| 170° | 607.8 | 602.0 | 596.1 | 592.6 | 590.3 | 586.7 | 585.5 | 586.7 | 585.5 | 586.7 | 590.3 |
| 172.5° | 606.0 | 601.1 | 597.0 | 594.5 | 593.1 | 590.5 | 590.3 | 591.4 | 590.3 | 590.5 | 593.1 |
| 175° | 603.2 | 599.7 | 597.3 | 597.3 | 596.1 | 594.9 | 594.9 | 596.1 | 594.9 | 594.9 | 596.1 |
| 177.5° | 600.1 | 598.2 | 597.3 | 597.3 | 597.3 | 596.3 | 597.3 | 598.2 | 597.3 | 596.3 | 597.3 |
| 180° | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 |



TEST NUMBER: P332981-840

CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5° | 1701.4 | 1695.9 | 1688.6 | 1680.2 | 1670.2 | 1661.2 | 1657.4 | 1660.7 | 1662.3 | 1657.9 | 1657.4 |
| 5° | 1649.7 | 1632.2 | 1618.2 | 1597.3 | 1580.5 | 1566.6 | 1556.8 | 1552.7 | 1554.0 | 1542.9 | 1540.0 |
| 7.5° | 1591.4 | 1570.7 | 1547.9 | 1523.0 | 1499.9 | 1479.4 | 1468.5 | 1462.7 | 1450.9 | 1445.8 | 1437.3 |
| 10° | 1554.0 | 1526.1 | 1503.8 | 1474.4 | 1447.9 | 1423.5 | 1411.6 | 1401.8 | 1390.0 | 1384.4 | 1372.5 |
| 12.5° | 1515.5 | 1483.1 | 1458.5 | 1428.1 | 1401.0 | 1371.5 | 1360.2 | 1342.1 | 1323.5 | 1311.8 | 1296.6 |
| 15° | 1461.2 | 1422.1 | 1392.1 | 1355.7 | 1323.6 | 1290.1 | 1260.1 | 1226.6 | 1214.1 | 1187.5 | 1172.2 |
| 17.5° | 1397.7 | 1358.0 | 1320.8 | 1272.1 | 1222.5 | 1180.9 | 1148.9 | 1116.8 | 1097.6 | 1080.7 | 1072.9 |
| 20° | 1355.7 | 1319.5 | 1267.8 | 1211.2 | 1156.1 | 1110.0 | 1084.2 | 1063.3 | 1042.3 | 1030.5 | 1022.1 |
| 22.5° | 1316.1 | 1269.7 | 1209.7 | 1148.7 | 1093.6 | 1057.5 | 1035.6 | 1014.1 | 997.0 | 985.7 | 974.6 |
| 25° | 1249.6 | 1188.9 | 1125.4 | 1055.6 | 1017.8 | 986.4 | 962.7 | 945.2 | 934.8 | 920.1 | 914.5 |
| 27.5° | 1181.3 | 1107.8 | 1037.7 | 990.8 | 951.5 | 922.8 | 902.1 | 889.0 | 875.8 | 866.4 | 859.1 |
| 30° | 1128.8 | 1054.2 | 991.4 | 946.6 | 906.9 | 883.1 | 866.4 | 851.0 | 840.5 | 832.8 | 827.3 |
| 32.5° | 1076.9 | 1002.2 | 949.5 | 901.4 | 870.0 | 846.9 | 829.0 | 817.5 | 809.3 | 799.3 | 796.0 |
| 35° | 1001.8 | 935.4 | 889.4 | 846.2 | 814.1 | 793.0 | 779.1 | 767.2 | 760.2 | 757.5 | 755.4 |
| 37.5° | 929.6 | 875.4 | 825.8 | 790.3 | 761.6 | 745.2 | 728.7 | 722.9 | 718.1 | 713.1 | 715.3 |
| 40° | 883.8 | 832.8 | 788.9 | 751.1 | 728.1 | 710.0 | 700.2 | 693.3 | 689.0 | 689.0 | 689.0 |
| 42.5° | 844.1 | 794.4 | 751.4 | 717.7 | 694.6 | 679.2 | 668.4 | 662.5 | 661.2 | 660.6 | 663.9 |
| 45° | 782.6 | 736.5 | 693.3 | 665.3 | 645.8 | 630.4 | 624.1 | 619.2 | 619.2 | 622.1 | 622.7 |
| 47.5° | 721.5 | 678.4 | 643.7 | 612.4 | 594.5 | 584.9 | 579.5 | 576.9 | 577.2 | 580.0 | 583.2 |
| 50° | 684.2 | 641.6 | 607.3 | 579.5 | 562.7 | 553.6 | 548.8 | 547.3 | 548.8 | 548.8 | 553.6 |
| 52.5° | 643.4 | 605.3 | 571.6 | 548.2 | 529.2 | 520.7 | 518.0 | 516.0 | 516.8 | 519.2 | 521.2 |
| 55° | 583.6 | 549.5 | 517.4 | 494.9 | 481.0 | 475.4 | 469.2 | 469.8 | 468.5 | 469.8 | 469.8 |
| 57.5° | 523.7 | 493.0 | 463.1 | 445.5 | 433.1 | 425.1 | 418.2 | 420.1 | 418.1 | 417.8 | 416.7 |
| 60° | 485.2 | 451.7 | 428.0 | 411.9 | 397.9 | 390.9 | 384.7 | 386.1 | 384.0 | 382.5 | 379.8 |
| 62.5° | 443.3 | 415.4 | 392.7 | 377.3 | 366.1 | 358.0 | 351.7 | 350.3 | 345.5 | 340.7 | 334.6 |
| 65° | 382.5 | 359.5 | 339.3 | 324.7 | 314.2 | 307.9 | 303.0 | 298.8 | 288.3 | 277.1 | 271.6 |
| 67.5° | 323.6 | 306.9 | 288.0 | 275.6 | 267.1 | 258.8 | 249.5 | 242.4 | 232.6 | 226.5 | 223.0 |
| 70° | 285.5 | 269.4 | 253.4 | 241.6 | 232.5 | 224.8 | 214.3 | 209.4 | 202.5 | 199.7 | 196.2 |
| 72.5° | 249.2 | 234.3 | 219.3 | 208.6 | 198.9 | 193.0 | 184.7 | 179.9 | 176.7 | 175.6 | 172.2 |
| 75° | 194.1 | 182.2 | 171.1 | 161.3 | 153.6 | 149.4 | 145.9 | 142.4 | 141.0 | 134.7 | 131.3 |
| 77.5° | 141.6 | 133.8 | 126.7 | 119.8 | 114.3 | 111.6 | 104.8 | 100.8 | 98.5 | 95.5 | 94.8 |
| 80° | 110.3 | 104.7 | 97.8 | 93.5 | 85.8 | 83.1 | 80.3 | 79.6 | 78.9 | 78.2 | 77.5 |
| 82.5° | 82.9 | 77.4 | 70.4 | 67.9 | 65.7 | 64.1 | 62.4 | 61.7 | 61.0 | 61.4 | 61.3 |
| 85° | 41.9 | 39.1 | 39.1 | 38.4 | 37.7 | 37.0 | 36.3 | 36.3 | 35.6 | 36.3 | 35.6 |
| 87.5° | 15.9 | 15.2 | 16.7 | 15.6 | 16.6 | 17.1 | 16.3 | 16.6 | 17.3 | 16.5 | 16.5 |
| 90° | 9.4 | 9.4 | 16.5 | 16.5 | 18.8 | 21.1 | 20.0 | 21.1 | 22.3 | 23.4 | 23.4 |
| 92.5° | 62.0 | 86.3 | 146.0 | 237.0 | 325.8 | 372.2 | 310.0 | 230.5 | 173.4 | 138.0 | 114.5 |
| 95° | 97.4 | 146.7 | 248.7 | 441.2 | 721.6 | 956.3 | 983.4 | 869.5 | 687.6 | 530.4 | 416.6 |
| 97.5° | 117.9 | 159.2 | 237.7 | 396.7 | 675.4 | 1007.3 | 1235.5 | 1284.8 | 1217.1 | 1102.4 | 979.9 |
| 100° | 133.8 | 171.4 | 240.5 | 373.1 | 612.6 | 943.4 | 1243.9 | 1415.2 | 1438.7 | 1381.2 | 1294.3 |
| 102.5° | 151.6 | 187.3 | 249.9 | 366.6 | 570.3 | 863.6 | 1173.5 | 1408.7 | 1525.0 | 1541.7 | 1505.5 |
| 105° | 181.9 | 215.9 | 272.3 | 369.6 | 533.9 | 769.8 | 1045.5 | 1314.2 | 1517.3 | 1633.5 | 1681.5 |
| 107.5° | 213.1 | 246.7 | 298.3 | 387.0 | 527.4 | 717.2 | 942.3 | 1180.2 | 1396.4 | 1560.0 | 1664.7 |
| 110° | 234.7 | 266.4 | 318.0 | 400.1 | 529.3 | 699.4 | 890.7 | 1099.5 | 1302.5 | 1472.7 | 1601.7 |



TEST NUMBER: P332981-840

CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 255.4 | 287.0 | 336.8 | 414.2 | 534.8 | 690.9 | 861.5 | 1040.4 | 1219.9 | 1380.7 | 1509.7 |
| 115° | 287.5 | 319.2 | 366.1 | 436.6 | 545.6 | 686.5 | 834.4 | 981.0 | 1125.4 | 1262.6 | 1375.3 |
| 117.5° | 317.1 | 349.9 | 394.6 | 459.3 | 557.1 | 685.3 | 822.1 | 951.9 | 1071.4 | 1179.3 | 1274.9 |
| 120° | 336.8 | 369.6 | 414.2 | 475.2 | 565.6 | 685.3 | 815.6 | 938.8 | 1047.9 | 1141.8 | 1225.1 |
| 122.5° | 356.5 | 388.4 | 433.0 | 490.3 | 574.1 | 684.4 | 808.1 | 927.5 | 1032.9 | 1118.3 | 1191.3 |
| 125° | 383.7 | 416.6 | 458.8 | 512.8 | 586.7 | 683.0 | 795.6 | 908.3 | 1009.2 | 1090.1 | 1154.7 |
| 127.5° | 408.8 | 441.9 | 482.7 | 532.3 | 596.8 | 680.3 | 778.9 | 884.7 | 981.3 | 1062.0 | 1123.3 |
| 130° | 424.7 | 458.8 | 498.8 | 544.5 | 604.3 | 679.4 | 768.6 | 866.1 | 958.8 | 1038.5 | 1100.8 |
| 132.5° | 439.8 | 472.0 | 511.9 | 556.7 | 610.9 | 678.5 | 759.2 | 846.3 | 933.4 | 1011.3 | 1073.5 |
| 135° | 461.2 | 491.7 | 530.4 | 572.7 | 620.8 | 677.1 | 745.2 | 819.1 | 895.3 | 966.9 | 1025.6 |
| 137.5° | 479.3 | 508.4 | 544.5 | 583.9 | 626.6 | 676.8 | 733.0 | 794.5 | 859.0 | 919.3 | 972.3 |
| 140° | 490.5 | 518.7 | 553.9 | 591.4 | 631.4 | 675.9 | 726.4 | 780.3 | 835.5 | 888.3 | 937.6 |
| 142.5° | 500.8 | 528.1 | 562.3 | 597.0 | 635.1 | 675.9 | 720.7 | 767.2 | 815.8 | 861.1 | 903.8 |
| 145° | 515.1 | 541.0 | 571.5 | 603.2 | 637.2 | 673.6 | 711.1 | 748.7 | 788.6 | 823.7 | 856.7 |
| 147.5° | 529.0 | 552.2 | 580.9 | 608.5 | 638.3 | 669.3 | 702.5 | 733.5 | 765.1 | 793.2 | 819.1 |
| 150° | 537.5 | 559.8 | 585.5 | 611.4 | 638.3 | 666.5 | 695.9 | 724.1 | 751.0 | 774.5 | 795.6 |
| 152.5° | 545.9 | 566.3 | 589.4 | 613.3 | 636.5 | 661.9 | 688.3 | 713.7 | 736.9 | 758.5 | 775.9 |
| 155° | 557.4 | 575.0 | 594.9 | 614.9 | 633.7 | 654.8 | 677.1 | 698.2 | 717.0 | 734.6 | 748.7 |
| 157.5° | 568.2 | 582.1 | 599.0 | 614.9 | 630.7 | 647.5 | 665.6 | 681.6 | 697.3 | 712.1 | 723.4 |
| 160° | 573.8 | 586.7 | 600.8 | 614.9 | 627.8 | 641.9 | 657.1 | 671.3 | 684.1 | 697.0 | 706.4 |
| 162.5° | 579.5 | 589.6 | 602.7 | 614.9 | 625.0 | 636.2 | 649.6 | 660.9 | 672.0 | 682.1 | 690.4 |
| 165° | 585.5 | 592.6 | 603.2 | 612.6 | 619.6 | 627.8 | 637.2 | 646.6 | 653.6 | 661.9 | 667.7 |
| 167.5° | 589.8 | 595.2 | 602.9 | 609.8 | 614.0 | 619.4 | 625.9 | 632.8 | 638.1 | 644.7 | 648.2 |
| 170° | 592.6 | 596.1 | 602.0 | 607.8 | 610.2 | 613.7 | 618.4 | 624.3 | 627.8 | 632.5 | 636.0 |
| 172.5° | 594.5 | 597.0 | 601.1 | 606.0 | 606.4 | 608.0 | 611.9 | 616.7 | 619.4 | 622.2 | 624.7 |
| 175° | 597.3 | 597.3 | 599.7 | 603.2 | 602.0 | 602.0 | 604.3 | 606.7 | 607.8 | 610.2 | 610.2 |
| 177.5° | 597.3 | 597.3 | 598.2 | 600.1 | 598.2 | 598.2 | 599.2 | 600.1 | 601.1 | 601.1 | 602.0 |
| 180° | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 |



TEST NUMBER: P332981-840

CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5° | 1654.0 | 1655.1 | 1651.2 | 1650.1 | 1651.2 | 1655.1 | 1654.0 | 1657.4 | 1657.9 | 1662.3 | 1660.7 |
| 5° | 1534.5 | 1533.1 | 1529.5 | 1530.2 | 1529.5 | 1533.1 | 1534.5 | 1540.0 | 1542.9 | 1554.0 | 1552.7 |
| 7.5° | 1432.3 | 1426.8 | 1428.4 | 1422.8 | 1428.4 | 1426.8 | 1432.3 | 1437.3 | 1445.8 | 1450.9 | 1462.7 |
| 10° | 1369.7 | 1362.0 | 1355.7 | 1350.2 | 1355.7 | 1362.0 | 1369.7 | 1372.5 | 1384.4 | 1390.0 | 1401.8 |
| 12.5° | 1284.2 | 1277.7 | 1269.2 | 1270.9 | 1269.2 | 1277.7 | 1284.2 | 1296.6 | 1311.8 | 1323.5 | 1342.1 |
| 15° | 1163.1 | 1152.6 | 1135.9 | 1137.9 | 1135.9 | 1152.6 | 1163.1 | 1172.2 | 1187.5 | 1214.1 | 1226.6 |
| 17.5° | 1060.5 | 1060.6 | 1052.9 | 1054.7 | 1052.9 | 1060.6 | 1060.5 | 1072.9 | 1080.7 | 1097.6 | 1116.8 |
| 20° | 1007.4 | 1002.5 | 1003.2 | 1001.1 | 1003.2 | 1002.5 | 1007.4 | 1022.1 | 1030.5 | 1042.3 | 1063.3 |
| 22.5° | 970.6 | 964.5 | 959.7 | 955.3 | 959.7 | 964.5 | 970.6 | 974.6 | 985.7 | 997.0 | 1014.1 |
| 25° | 908.3 | 904.0 | 897.8 | 896.4 | 897.8 | 904.0 | 908.3 | 914.5 | 920.1 | 934.8 | 945.2 |
| 27.5° | 853.5 | 852.7 | 850.2 | 847.0 | 850.2 | 852.7 | 853.5 | 859.1 | 866.4 | 875.8 | 889.0 |
| 30° | 821.7 | 820.3 | 818.9 | 816.8 | 818.9 | 820.3 | 821.7 | 827.3 | 832.8 | 840.5 | 851.0 |
| 32.5° | 793.2 | 792.3 | 790.9 | 791.1 | 790.9 | 792.3 | 793.2 | 796.0 | 799.3 | 809.3 | 817.5 |
| 35° | 752.6 | 751.8 | 750.5 | 749.8 | 750.5 | 751.8 | 752.6 | 755.4 | 757.5 | 760.2 | 767.2 |
| 37.5° | 714.6 | 716.4 | 715.6 | 715.4 | 715.6 | 716.4 | 714.6 | 715.3 | 713.1 | 718.1 | 722.9 |
| 40° | 688.3 | 689.0 | 690.4 | 689.7 | 690.4 | 689.0 | 688.3 | 689.0 | 689.0 | 689.0 | 693.3 |
| 42.5° | 666.6 | 666.7 | 668.6 | 666.3 | 668.6 | 666.7 | 666.6 | 663.9 | 660.6 | 661.2 | 662.5 |
| 45° | 627.6 | 631.8 | 631.1 | 631.1 | 631.1 | 631.8 | 627.6 | 622.7 | 622.1 | 619.2 | 619.2 |
| 47.5° | 585.0 | 588.7 | 589.7 | 589.5 | 589.7 | 588.7 | 585.0 | 583.2 | 580.0 | 577.2 | 576.9 |
| 50° | 557.1 | 555.7 | 557.8 | 557.1 | 557.8 | 555.7 | 557.1 | 553.6 | 548.8 | 548.8 | 547.3 |
| 52.5° | 523.0 | 523.3 | 523.2 | 522.5 | 523.2 | 523.3 | 523.0 | 521.2 | 519.2 | 516.8 | 516.0 |
| 55° | 470.5 | 471.2 | 469.8 | 470.5 | 469.8 | 471.2 | 470.5 | 469.8 | 469.8 | 468.5 | 469.8 |
| 57.5° | 413.5 | 410.2 | 411.6 | 409.9 | 411.6 | 410.2 | 413.5 | 416.7 | 417.8 | 418.1 | 420.1 |
| 60° | 372.8 | 367.2 | 365.8 | 363.0 | 365.8 | 367.2 | 372.8 | 379.8 | 382.5 | 384.0 | 386.1 |
| 62.5° | 327.0 | 323.1 | 318.3 | 320.5 | 318.3 | 323.1 | 327.0 | 334.6 | 340.7 | 345.5 | 350.3 |
| 65° | 266.0 | 263.2 | 261.1 | 263.9 | 261.1 | 263.2 | 266.0 | 271.6 | 277.1 | 288.3 | 298.8 |
| 67.5° | 220.2 | 218.6 | 218.6 | 217.2 | 218.6 | 218.6 | 220.2 | 223.0 | 226.5 | 232.6 | 242.4 |
| 70° | 196.2 | 194.1 | 194.1 | 192.7 | 194.1 | 194.1 | 196.2 | 196.2 | 199.7 | 202.5 | 209.4 |
| 72.5° | 171.6 | 169.5 | 170.1 | 169.3 | 170.1 | 169.5 | 171.6 | 172.2 | 175.6 | 176.7 | 179.9 |
| 75° | 127.0 | 123.6 | 123.6 | 124.3 | 123.6 | 123.6 | 127.0 | 131.3 | 134.7 | 141.0 | 142.4 |
| 77.5° | 94.8 | 94.1 | 95.1 | 93.8 | 95.1 | 94.1 | 94.8 | 94.8 | 95.5 | 98.5 | 100.8 |
| 80° | 77.5 | 76.7 | 76.1 | 78.2 | 76.1 | 76.7 | 77.5 | 77.5 | 78.2 | 78.9 | 79.6 |
| 82.5° | 60.2 | 60.1 | 59.9 | 62.5 | 59.9 | 60.1 | 60.2 | 61.3 | 61.4 | 61.0 | 61.7 |
| 85° | 36.3 | 34.9 | 36.3 | 34.9 | 36.3 | 34.9 | 36.3 | 35.6 | 36.3 | 35.6 | 36.3 |
| 87.5° | 17.8 | 17.5 | 16.7 | 17.2 | 16.7 | 17.5 | 17.8 | 16.5 | 16.5 | 17.3 | 16.6 |
| 90° | 24.6 | 25.9 | 24.6 | 24.6 | 24.6 | 25.9 | 24.6 | 23.4 | 23.4 | 22.3 | 21.1 |
| 92.5° | 100.7 | 94.3 | 90.4 | 90.4 | 90.4 | 94.3 | 100.7 | 114.5 | 138.0 | 173.4 | 230.5 |
| 95° | 359.1 | 322.8 | 301.5 | 286.3 | 301.5 | 322.8 | 359.1 | 416.6 | 530.4 | 687.6 | 869.5 |
| 97.5° | 895.5 | 825.0 | 789.7 | 765.4 | 789.7 | 825.0 | 895.5 | 979.9 | 1102.4 | 1217.1 | 1284.8 |
| 100° | 1192.2 | 1120.6 | 1085.5 | 1076.1 | 1085.5 | 1120.6 | 1192.2 | 1294.3 | 1381.2 | 1438.7 | 1415.2 |
| 102.5° | 1442.9 | 1391.0 | 1353.9 | 1346.5 | 1353.9 | 1391.0 | 1442.9 | 1505.5 | 1541.7 | 1525.0 | 1408.7 |
| 105° | 1683.9 | 1674.6 | 1658.1 | 1651.0 | 1658.1 | 1674.6 | 1683.9 | 1681.5 | 1633.5 | 1517.3 | 1314.2 |
| 107.5° | 1722.6 | 1749.4 | 1761.1 | 1764.2 | 1761.1 | 1749.4 | 1722.6 | 1664.7 | 1560.0 | 1396.4 | 1180.2 |
| 110° | 1685.1 | 1734.3 | 1755.5 | 1766.1 | 1755.5 | 1734.3 | 1685.1 | 1601.7 | 1472.7 | 1302.5 | 1099.5 |



TEST NUMBER: P332981-840
 CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1604.4 | 1664.0 | 1693.5 | 1710.7 | 1693.5 | 1664.0 | 1604.4 | 1509.7 | 1380.7 | 1219.9 | 1040.4 |
| 115° | 1468.0 | 1538.4 | 1576.0 | 1585.4 | 1576.0 | 1538.4 | 1468.0 | 1375.3 | 1262.6 | 1125.4 | 981.0 |
| 117.5° | 1353.9 | 1413.1 | 1451.1 | 1458.3 | 1451.1 | 1413.1 | 1353.9 | 1274.9 | 1179.3 | 1071.4 | 951.9 |
| 120° | 1292.0 | 1343.6 | 1374.1 | 1387.0 | 1374.1 | 1343.6 | 1292.0 | 1225.1 | 1141.8 | 1047.9 | 938.8 |
| 122.5° | 1247.9 | 1292.0 | 1317.8 | 1330.7 | 1317.8 | 1292.0 | 1247.9 | 1191.3 | 1118.3 | 1032.9 | 927.5 |
| 125° | 1201.6 | 1235.7 | 1258.0 | 1265.0 | 1258.0 | 1235.7 | 1201.6 | 1154.7 | 1090.1 | 1009.2 | 908.3 |
| 127.5° | 1170.4 | 1200.7 | 1219.5 | 1226.5 | 1219.5 | 1200.7 | 1170.4 | 1123.3 | 1062.0 | 981.3 | 884.7 |
| 130° | 1148.8 | 1178.1 | 1196.9 | 1204.0 | 1196.9 | 1178.1 | 1148.8 | 1100.8 | 1038.5 | 958.8 | 866.1 |
| 132.5° | 1120.6 | 1153.8 | 1171.5 | 1178.6 | 1171.5 | 1153.8 | 1120.6 | 1073.5 | 1011.3 | 933.4 | 846.3 |
| 135° | 1072.6 | 1105.4 | 1124.2 | 1131.3 | 1124.2 | 1105.4 | 1072.6 | 1025.6 | 966.9 | 895.3 | 819.1 |
| 137.5° | 1016.2 | 1048.6 | 1064.1 | 1072.6 | 1064.1 | 1048.6 | 1016.2 | 972.3 | 919.3 | 859.0 | 794.5 |
| 140° | 978.7 | 1004.5 | 1020.9 | 1030.3 | 1020.9 | 1004.5 | 978.7 | 937.6 | 888.3 | 835.5 | 780.3 |
| 142.5° | 940.2 | 964.1 | 978.7 | 985.2 | 978.7 | 964.1 | 940.2 | 903.8 | 861.1 | 815.8 | 767.2 |
| 145° | 886.0 | 905.9 | 917.7 | 923.5 | 917.7 | 905.9 | 886.0 | 856.7 | 823.7 | 788.6 | 748.7 |
| 147.5° | 840.7 | 857.8 | 866.8 | 868.8 | 866.8 | 857.8 | 840.7 | 819.1 | 793.2 | 765.1 | 733.5 |
| 150° | 814.4 | 829.6 | 836.7 | 837.9 | 836.7 | 829.6 | 814.4 | 795.6 | 774.5 | 751.0 | 724.1 |
| 152.5° | 791.8 | 804.3 | 808.5 | 809.7 | 808.5 | 804.3 | 791.8 | 775.9 | 758.5 | 736.9 | 713.7 |
| 155° | 760.4 | 769.8 | 773.4 | 773.4 | 773.4 | 769.8 | 760.4 | 748.7 | 734.6 | 717.0 | 698.2 |
| 157.5° | 732.3 | 739.3 | 741.4 | 741.4 | 741.4 | 739.3 | 732.3 | 723.4 | 712.1 | 697.3 | 681.6 |
| 160° | 713.5 | 720.5 | 721.6 | 721.6 | 721.6 | 720.5 | 713.5 | 706.4 | 697.0 | 684.1 | 671.3 |
| 162.5° | 695.6 | 702.7 | 703.9 | 702.9 | 703.9 | 702.7 | 695.6 | 690.4 | 682.1 | 672.0 | 660.9 |
| 165° | 672.4 | 677.1 | 675.9 | 674.8 | 675.9 | 677.1 | 672.4 | 667.7 | 661.9 | 653.6 | 646.6 |
| 167.5° | 650.6 | 653.6 | 653.4 | 652.5 | 653.4 | 653.6 | 650.6 | 648.2 | 644.7 | 638.1 | 632.8 |
| 170° | 638.3 | 639.5 | 638.3 | 638.3 | 638.3 | 639.5 | 638.3 | 636.0 | 632.5 | 627.8 | 624.3 |
| 172.5° | 626.1 | 627.3 | 626.1 | 624.3 | 626.1 | 627.3 | 626.1 | 624.7 | 622.2 | 619.4 | 616.7 |
| 175° | 610.2 | 612.6 | 610.2 | 607.8 | 610.2 | 612.6 | 610.2 | 610.2 | 610.2 | 607.8 | 606.7 |
| 177.5° | 601.1 | 602.0 | 600.1 | 598.2 | 600.1 | 602.0 | 601.1 | 602.0 | 601.1 | 601.1 | 600.1 |
| 180° | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 |



TEST NUMBER: P332981-840

CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5° | 1657.4 | 1661.2 | 1670.2 | 1680.2 | 1688.6 | 1695.9 | 1701.4 | 1709.3 | 1716.6 | 1726.6 | 1736.1 |
| 5° | 1556.8 | 1566.6 | 1580.5 | 1597.3 | 1618.2 | 1632.2 | 1649.7 | 1665.1 | 1687.4 | 1709.7 | 1731.3 |
| 7.5° | 1468.5 | 1479.4 | 1499.9 | 1523.0 | 1547.9 | 1570.7 | 1591.4 | 1618.5 | 1648.1 | 1680.6 | 1717.0 |
| 10° | 1411.6 | 1423.5 | 1447.9 | 1474.4 | 1503.8 | 1526.1 | 1554.0 | 1586.1 | 1619.6 | 1659.4 | 1704.1 |
| 12.5° | 1360.2 | 1371.5 | 1401.0 | 1428.1 | 1458.5 | 1483.1 | 1515.5 | 1548.1 | 1592.9 | 1636.0 | 1686.8 |
| 15° | 1260.1 | 1290.1 | 1323.6 | 1355.7 | 1392.1 | 1422.1 | 1461.2 | 1494.7 | 1537.3 | 1598.0 | 1656.0 |
| 17.5° | 1148.9 | 1180.9 | 1222.5 | 1272.1 | 1320.8 | 1358.0 | 1397.7 | 1439.3 | 1490.0 | 1552.0 | 1618.8 |
| 20° | 1084.2 | 1110.0 | 1156.1 | 1211.2 | 1267.8 | 1319.5 | 1355.7 | 1401.8 | 1454.2 | 1521.3 | 1590.3 |
| 22.5° | 1035.6 | 1057.5 | 1093.6 | 1148.7 | 1209.7 | 1269.7 | 1316.1 | 1361.6 | 1419.6 | 1486.6 | 1561.9 |
| 25° | 962.7 | 986.4 | 1017.8 | 1055.6 | 1125.4 | 1188.9 | 1249.6 | 1302.0 | 1363.4 | 1430.5 | 1514.2 |
| 27.5° | 902.1 | 922.8 | 951.5 | 990.8 | 1037.7 | 1107.8 | 1181.3 | 1241.1 | 1304.1 | 1376.0 | 1460.0 |
| 30° | 866.4 | 883.1 | 906.9 | 946.6 | 991.4 | 1054.2 | 1128.8 | 1198.7 | 1262.2 | 1336.9 | 1424.2 |
| 32.5° | 829.0 | 846.9 | 870.0 | 901.4 | 949.5 | 1002.2 | 1076.9 | 1153.5 | 1220.9 | 1297.3 | 1382.8 |
| 35° | 779.1 | 793.0 | 814.1 | 846.2 | 889.4 | 935.4 | 1001.8 | 1080.7 | 1152.0 | 1233.6 | 1315.2 |
| 37.5° | 728.7 | 745.2 | 761.6 | 790.3 | 825.8 | 875.4 | 929.6 | 1010.2 | 1089.0 | 1163.7 | 1243.3 |
| 40° | 700.2 | 710.0 | 728.1 | 751.1 | 788.9 | 832.8 | 883.8 | 962.7 | 1041.6 | 1115.6 | 1195.9 |
| 42.5° | 668.4 | 679.2 | 694.6 | 717.7 | 751.4 | 794.4 | 844.1 | 912.4 | 994.7 | 1066.4 | 1139.4 |
| 45° | 624.1 | 630.4 | 645.8 | 665.3 | 693.3 | 736.5 | 782.6 | 843.3 | 920.8 | 989.3 | 1053.5 |
| 47.5° | 579.5 | 584.9 | 594.5 | 612.4 | 643.7 | 678.4 | 721.5 | 776.1 | 844.0 | 912.4 | 966.7 |
| 50° | 548.8 | 553.6 | 562.7 | 579.5 | 607.3 | 641.6 | 684.2 | 733.1 | 793.8 | 859.4 | 904.7 |
| 52.5° | 518.0 | 520.7 | 529.2 | 548.2 | 571.6 | 605.3 | 643.4 | 688.3 | 745.2 | 799.6 | 845.6 |
| 55° | 469.2 | 475.4 | 481.0 | 494.9 | 517.4 | 549.5 | 583.6 | 626.2 | 670.2 | 716.3 | 755.4 |
| 57.5° | 418.2 | 425.1 | 433.1 | 445.5 | 463.1 | 493.0 | 523.7 | 558.3 | 595.8 | 634.0 | 666.8 |
| 60° | 384.7 | 390.9 | 397.9 | 411.9 | 428.0 | 451.7 | 485.2 | 515.2 | 543.8 | 578.8 | 611.6 |
| 62.5° | 351.7 | 358.0 | 366.1 | 377.3 | 392.7 | 415.4 | 443.3 | 469.4 | 499.2 | 529.6 | 554.0 |
| 65° | 303.0 | 307.9 | 314.2 | 324.7 | 339.3 | 359.5 | 382.5 | 402.8 | 429.4 | 451.7 | 474.0 |
| 67.5° | 249.5 | 258.8 | 267.1 | 275.6 | 288.0 | 306.9 | 323.6 | 343.0 | 360.9 | 377.6 | 397.9 |
| 70° | 214.3 | 224.8 | 232.5 | 241.6 | 253.4 | 269.4 | 285.5 | 298.8 | 313.5 | 329.5 | 347.7 |
| 72.5° | 184.7 | 193.0 | 198.9 | 208.6 | 219.3 | 234.3 | 249.2 | 260.2 | 272.2 | 283.2 | 300.7 |
| 75° | 145.9 | 149.4 | 153.6 | 161.3 | 171.1 | 182.2 | 194.1 | 203.9 | 210.9 | 220.7 | 233.2 |
| 77.5° | 104.8 | 111.6 | 114.3 | 119.8 | 126.7 | 133.8 | 141.6 | 149.9 | 156.5 | 160.0 | 169.7 |
| 80° | 80.3 | 83.1 | 85.8 | 93.5 | 97.8 | 104.7 | 110.3 | 118.0 | 120.8 | 124.3 | 133.3 |
| 82.5° | 62.4 | 64.1 | 65.7 | 67.9 | 70.4 | 77.4 | 82.9 | 87.9 | 90.6 | 91.9 | 98.8 |
| 85° | 36.3 | 37.0 | 37.7 | 38.4 | 39.1 | 39.1 | 41.9 | 45.3 | 50.3 | 50.3 | 52.3 |
| 87.5° | 16.3 | 17.1 | 16.6 | 15.6 | 16.7 | 15.2 | 15.9 | 15.7 | 17.1 | 18.0 | 19.2 |
| 90° | 20.0 | 21.1 | 18.8 | 16.5 | 16.5 | 9.4 | 9.4 | 8.2 | 7.1 | 3.5 | 1.2 |
| 92.5° | 310.0 | 372.2 | 325.8 | 237.0 | 146.0 | 86.3 | 62.0 | 44.8 | 30.5 | 19.5 | 13.3 |
| 95° | 983.4 | 956.3 | 721.6 | 441.2 | 248.7 | 146.7 | 97.4 | 69.3 | 54.0 | 42.2 | 38.7 |
| 97.5° | 1235.5 | 1007.3 | 675.4 | 396.7 | 237.7 | 159.2 | 117.9 | 93.6 | 79.6 | 69.5 | 69.5 |
| 100° | 1243.9 | 943.4 | 612.6 | 373.1 | 240.5 | 171.4 | 133.8 | 111.5 | 97.4 | 89.2 | 89.2 |
| 102.5° | 1173.5 | 863.6 | 570.3 | 366.6 | 249.9 | 187.3 | 151.6 | 130.3 | 117.1 | 109.9 | 108.0 |
| 105° | 1045.5 | 769.8 | 533.9 | 369.6 | 272.3 | 215.9 | 181.9 | 160.8 | 146.7 | 140.8 | 137.3 |
| 107.5° | 942.3 | 717.2 | 527.4 | 387.0 | 298.3 | 246.7 | 213.1 | 192.9 | 177.9 | 172.0 | 169.7 |
| 110° | 890.7 | 699.4 | 529.3 | 400.1 | 318.0 | 266.4 | 234.7 | 213.6 | 199.4 | 193.6 | 191.3 |



TEST NUMBER: P332981-840

CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 861.5 | 690.9 | 534.8 | 414.2 | 336.8 | 287.0 | 255.4 | 234.2 | 221.1 | 214.3 | 212.0 |
| 115° | 834.4 | 686.5 | 545.6 | 436.6 | 366.1 | 319.2 | 287.5 | 265.2 | 253.5 | 245.3 | 241.8 |
| 117.5° | 822.1 | 685.3 | 557.1 | 459.3 | 394.6 | 349.9 | 317.1 | 296.2 | 283.3 | 276.0 | 272.7 |
| 120° | 815.6 | 685.3 | 565.6 | 475.2 | 414.2 | 369.6 | 336.8 | 316.8 | 304.0 | 295.7 | 293.4 |
| 122.5° | 808.1 | 684.4 | 574.1 | 490.3 | 433.0 | 388.4 | 356.5 | 334.7 | 322.8 | 314.5 | 312.1 |
| 125° | 795.6 | 683.0 | 586.7 | 512.8 | 458.8 | 416.6 | 383.7 | 361.4 | 348.5 | 341.4 | 336.8 |
| 127.5° | 778.9 | 680.3 | 596.8 | 532.3 | 482.7 | 441.9 | 408.8 | 385.6 | 370.8 | 362.3 | 358.6 |
| 130° | 768.6 | 679.4 | 604.3 | 544.5 | 498.8 | 458.8 | 424.7 | 402.5 | 384.9 | 375.5 | 370.8 |
| 132.5° | 759.2 | 678.5 | 610.9 | 556.7 | 511.9 | 472.0 | 439.8 | 415.7 | 399.0 | 386.8 | 383.0 |
| 135° | 745.2 | 677.1 | 620.8 | 572.7 | 530.4 | 491.7 | 461.2 | 436.6 | 416.6 | 404.9 | 400.1 |
| 137.5° | 733.0 | 676.8 | 626.6 | 583.9 | 544.5 | 508.4 | 479.3 | 453.6 | 434.6 | 421.7 | 417.3 |
| 140° | 726.4 | 675.9 | 631.4 | 591.4 | 553.9 | 518.7 | 490.5 | 465.9 | 446.0 | 433.0 | 429.5 |
| 142.5° | 720.7 | 675.9 | 635.1 | 597.0 | 562.3 | 528.1 | 500.8 | 477.2 | 458.1 | 446.2 | 442.6 |
| 145° | 711.1 | 673.6 | 637.2 | 603.2 | 571.5 | 541.0 | 515.1 | 492.8 | 476.5 | 464.7 | 461.2 |
| 147.5° | 702.5 | 669.3 | 638.3 | 608.5 | 580.9 | 552.2 | 529.0 | 510.5 | 493.5 | 483.2 | 482.0 |
| 150° | 695.9 | 666.5 | 638.3 | 611.4 | 585.5 | 559.8 | 537.5 | 519.9 | 505.7 | 496.3 | 495.2 |
| 152.5° | 688.3 | 661.9 | 636.5 | 613.3 | 589.4 | 566.3 | 545.9 | 530.2 | 517.1 | 507.7 | 507.4 |
| 155° | 677.1 | 654.8 | 633.7 | 614.9 | 594.9 | 575.0 | 557.4 | 544.5 | 532.7 | 525.7 | 524.5 |
| 157.5° | 665.6 | 647.5 | 630.7 | 614.9 | 599.0 | 582.1 | 568.2 | 556.9 | 547.8 | 541.2 | 541.2 |
| 160° | 657.1 | 641.9 | 627.8 | 614.9 | 600.8 | 586.7 | 573.8 | 564.4 | 556.2 | 551.5 | 551.5 |
| 162.5° | 649.6 | 636.2 | 625.0 | 614.9 | 602.7 | 589.6 | 579.5 | 571.0 | 563.7 | 560.0 | 560.9 |
| 165° | 637.2 | 627.8 | 619.6 | 612.6 | 603.2 | 592.6 | 585.5 | 579.7 | 573.8 | 571.5 | 571.5 |
| 167.5° | 625.9 | 619.4 | 614.0 | 609.8 | 602.9 | 595.2 | 589.8 | 586.5 | 582.1 | 580.9 | 582.1 |
| 170° | 618.4 | 613.7 | 610.2 | 607.8 | 602.0 | 596.1 | 592.6 | 590.3 | 586.7 | 585.5 | 586.7 |
| 172.5° | 611.9 | 608.0 | 606.4 | 606.0 | 601.1 | 597.0 | 594.5 | 593.1 | 590.5 | 590.3 | 591.4 |
| 175° | 604.3 | 602.0 | 602.0 | 603.2 | 599.7 | 597.3 | 597.3 | 596.1 | 594.9 | 594.9 | 596.1 |
| 177.5° | 599.2 | 598.2 | 598.2 | 600.1 | 598.2 | 597.3 | 597.3 | 597.3 | 596.3 | 597.3 | 598.2 |
| 180° | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 |



TEST NUMBER: P332981-840

CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5° | 1743.3 | 1748.4 | 1753.9 | 1764.5 | 1773.5 | 1777.5 | 1785.2 | 1790.8 | 1789.2 | 1797.0 | 1810.4 |
| 5° | 1750.2 | 1769.1 | 1790.7 | 1813.0 | 1838.2 | 1859.1 | 1875.8 | 1892.6 | 1905.9 | 1922.0 | 1945.7 |
| 7.5° | 1749.1 | 1782.6 | 1819.1 | 1859.1 | 1900.3 | 1935.9 | 1968.8 | 2002.4 | 2032.1 | 2064.7 | 2107.2 |
| 10° | 1744.6 | 1789.3 | 1834.6 | 1887.0 | 1939.3 | 1988.9 | 2033.7 | 2075.5 | 2115.4 | 2157.9 | 2211.7 |
| 12.5° | 1739.6 | 1791.0 | 1845.8 | 1908.8 | 1974.0 | 2033.7 | 2086.2 | 2146.5 | 2196.3 | 2251.2 | 2313.3 |
| 15° | 1717.4 | 1786.5 | 1861.2 | 1942.9 | 2021.0 | 2101.3 | 2173.2 | 2247.3 | 2316.3 | 2382.0 | 2460.2 |
| 17.5° | 1691.9 | 1771.7 | 1859.8 | 1956.3 | 2050.2 | 2147.9 | 2233.1 | 2326.4 | 2397.1 | 2485.2 | 2557.8 |
| 20° | 1671.3 | 1757.2 | 1851.4 | 1959.6 | 2066.5 | 2174.6 | 2268.9 | 2363.9 | 2443.5 | 2532.1 | 2624.2 |
| 22.5° | 1646.2 | 1740.4 | 1842.5 | 1954.6 | 2066.5 | 2184.7 | 2289.0 | 2383.4 | 2481.9 | 2581.8 | 2676.7 |
| 25° | 1605.7 | 1703.4 | 1811.6 | 1934.5 | 2063.0 | 2183.7 | 2295.4 | 2412.7 | 2518.8 | 2627.1 | 2712.2 |
| 27.5° | 1556.0 | 1658.6 | 1772.7 | 1899.5 | 2031.2 | 2155.0 | 2286.5 | 2411.5 | 2518.3 | 2622.4 | 2696.7 |
| 30° | 1516.3 | 1624.6 | 1734.1 | 1862.6 | 1999.4 | 2132.0 | 2273.1 | 2398.0 | 2510.4 | 2604.0 | 2645.8 |
| 32.5° | 1475.5 | 1578.2 | 1691.1 | 1821.3 | 1961.5 | 2104.2 | 2244.0 | 2371.8 | 2475.8 | 2531.9 | 2533.0 |
| 35° | 1404.6 | 1501.0 | 1618.2 | 1746.1 | 1889.9 | 2044.8 | 2186.6 | 2312.2 | 2375.7 | 2380.6 | 2312.2 |
| 37.5° | 1327.3 | 1415.6 | 1526.4 | 1654.3 | 1811.8 | 1965.9 | 2110.7 | 2194.4 | 2215.7 | 2144.7 | 2018.1 |
| 40° | 1272.0 | 1353.6 | 1460.5 | 1591.7 | 1748.1 | 1907.2 | 2039.2 | 2100.6 | 2078.3 | 1963.1 | 1822.1 |
| 42.5° | 1213.9 | 1290.0 | 1392.9 | 1522.5 | 1679.4 | 1840.3 | 1952.7 | 1985.6 | 1926.4 | 1793.3 | 1628.3 |
| 45° | 1119.1 | 1188.9 | 1290.8 | 1421.4 | 1572.2 | 1722.9 | 1808.2 | 1791.4 | 1692.9 | 1535.2 | 1350.2 |
| 47.5° | 1020.4 | 1087.8 | 1179.5 | 1300.3 | 1454.7 | 1584.9 | 1642.5 | 1592.1 | 1452.0 | 1278.4 | 1127.9 |
| 50° | 955.0 | 1024.1 | 1108.6 | 1223.9 | 1364.8 | 1490.5 | 1527.5 | 1450.7 | 1295.1 | 1128.1 | 990.0 |
| 52.5° | 890.8 | 949.9 | 1032.7 | 1144.0 | 1278.8 | 1384.9 | 1404.6 | 1316.1 | 1155.4 | 1005.8 | 883.2 |
| 55° | 793.0 | 846.9 | 916.7 | 1021.4 | 1137.9 | 1228.0 | 1217.5 | 1103.8 | 957.9 | 830.1 | 733.8 |
| 57.5° | 698.5 | 739.0 | 803.5 | 901.7 | 1004.0 | 1064.5 | 1026.2 | 929.2 | 793.2 | 688.6 | 607.3 |
| 60° | 636.0 | 673.7 | 733.8 | 819.6 | 909.7 | 943.8 | 911.7 | 806.4 | 698.8 | 603.2 | 534.7 |
| 62.5° | 576.8 | 610.1 | 661.7 | 741.4 | 814.2 | 834.4 | 800.0 | 708.0 | 611.2 | 529.5 | 472.8 |
| 65° | 490.8 | 521.5 | 565.5 | 622.1 | 672.3 | 682.1 | 659.7 | 565.5 | 492.2 | 423.7 | 384.7 |
| 67.5° | 412.7 | 432.8 | 467.2 | 516.0 | 542.7 | 548.5 | 505.3 | 446.1 | 381.4 | 339.4 | 309.9 |
| 70° | 360.2 | 374.2 | 406.3 | 432.8 | 454.4 | 455.1 | 415.4 | 367.9 | 318.3 | 284.2 | 262.5 |
| 72.5° | 309.4 | 322.9 | 347.1 | 365.3 | 381.8 | 376.5 | 340.0 | 302.6 | 262.5 | 236.7 | 220.7 |
| 75° | 238.7 | 250.6 | 263.2 | 271.6 | 271.6 | 264.6 | 238.0 | 210.2 | 187.1 | 171.8 | 166.8 |
| 77.5° | 173.6 | 183.3 | 187.5 | 186.2 | 183.8 | 172.9 | 156.1 | 137.8 | 129.6 | 122.3 | 118.7 |
| 80° | 136.1 | 140.4 | 141.7 | 138.3 | 134.0 | 121.5 | 110.3 | 102.6 | 94.9 | 92.2 | 90.8 |
| 82.5° | 101.0 | 104.6 | 101.0 | 101.9 | 92.7 | 82.4 | 76.2 | 73.6 | 70.4 | 69.3 | 67.9 |
| 85° | 53.7 | 53.0 | 51.7 | 48.2 | 41.9 | 40.5 | 39.8 | 39.1 | 37.7 | 38.4 | 37.0 |
| 87.5° | 19.1 | 18.2 | 16.2 | 15.9 | 15.9 | 16.2 | 16.7 | 17.2 | 17.7 | 16.9 | 18.2 |
| 90° | 3.5 | 7.1 | 8.2 | 9.4 | 9.4 | 16.5 | 16.5 | 18.8 | 21.1 | 20.0 | 21.1 |
| 92.5° | 19.5 | 30.5 | 44.8 | 62.0 | 86.3 | 146.0 | 237.0 | 325.8 | 372.2 | 310.0 | 230.5 |
| 95° | 42.2 | 54.0 | 69.3 | 97.4 | 146.7 | 248.7 | 441.2 | 721.6 | 956.3 | 983.4 | 869.5 |
| 97.5° | 69.5 | 79.6 | 93.6 | 117.9 | 159.2 | 237.7 | 396.7 | 675.4 | 1007.3 | 1235.5 | 1284.8 |
| 100° | 89.2 | 97.4 | 111.5 | 133.8 | 171.4 | 240.5 | 373.1 | 612.6 | 943.4 | 1243.9 | 1415.2 |
| 102.5° | 109.9 | 117.1 | 130.3 | 151.6 | 187.3 | 249.9 | 366.6 | 570.3 | 863.6 | 1173.5 | 1408.7 |
| 105° | 140.8 | 146.7 | 160.8 | 181.9 | 215.9 | 272.3 | 369.6 | 533.9 | 769.8 | 1045.5 | 1314.2 |
| 107.5° | 172.0 | 177.9 | 192.9 | 213.1 | 246.7 | 298.3 | 387.0 | 527.4 | 717.2 | 942.3 | 1180.2 |
| 110° | 193.6 | 199.4 | 213.6 | 234.7 | 266.4 | 318.0 | 400.1 | 529.3 | 699.4 | 890.7 | 1099.5 |



TEST NUMBER: P332981-840

CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 214.3 | 221.1 | 234.2 | 255.4 | 287.0 | 336.8 | 414.2 | 534.8 | 690.9 | 861.5 | 1040.4 |
| 115° | 245.3 | 253.5 | 265.2 | 287.5 | 319.2 | 366.1 | 436.6 | 545.6 | 686.5 | 834.4 | 981.0 |
| 117.5° | 276.0 | 283.3 | 296.2 | 317.1 | 349.9 | 394.6 | 459.3 | 557.1 | 685.3 | 822.1 | 951.9 |
| 120° | 295.7 | 304.0 | 316.8 | 336.8 | 369.6 | 414.2 | 475.2 | 565.6 | 685.3 | 815.6 | 938.8 |
| 122.5° | 314.5 | 322.8 | 334.7 | 356.5 | 388.4 | 433.0 | 490.3 | 574.1 | 684.4 | 808.1 | 927.5 |
| 125° | 341.4 | 348.5 | 361.4 | 383.7 | 416.6 | 458.8 | 512.8 | 586.7 | 683.0 | 795.6 | 908.3 |
| 127.5° | 362.3 | 370.8 | 385.6 | 408.8 | 441.9 | 482.7 | 532.3 | 596.8 | 680.3 | 778.9 | 884.7 |
| 130° | 375.5 | 384.9 | 402.5 | 424.7 | 458.8 | 498.8 | 544.5 | 604.3 | 679.4 | 768.6 | 866.1 |
| 132.5° | 386.8 | 399.0 | 415.7 | 439.8 | 472.0 | 511.9 | 556.7 | 610.9 | 678.5 | 759.2 | 846.3 |
| 135° | 404.9 | 416.6 | 436.6 | 461.2 | 491.7 | 530.4 | 572.7 | 620.8 | 677.1 | 745.2 | 819.1 |
| 137.5° | 421.7 | 434.6 | 453.6 | 479.3 | 508.4 | 544.5 | 583.9 | 626.6 | 676.8 | 733.0 | 794.5 |
| 140° | 433.0 | 446.0 | 465.9 | 490.5 | 518.7 | 553.9 | 591.4 | 631.4 | 675.9 | 726.4 | 780.3 |
| 142.5° | 446.2 | 458.1 | 477.2 | 500.8 | 528.1 | 562.3 | 597.0 | 635.1 | 675.9 | 720.7 | 767.2 |
| 145° | 464.7 | 476.5 | 492.8 | 515.1 | 541.0 | 571.5 | 603.2 | 637.2 | 673.6 | 711.1 | 748.7 |
| 147.5° | 483.2 | 493.5 | 510.5 | 529.0 | 552.2 | 580.9 | 608.5 | 638.3 | 669.3 | 702.5 | 733.5 |
| 150° | 496.3 | 505.7 | 519.9 | 537.5 | 559.8 | 585.5 | 611.4 | 638.3 | 666.5 | 695.9 | 724.1 |
| 152.5° | 507.7 | 517.1 | 530.2 | 545.9 | 566.3 | 589.4 | 613.3 | 636.5 | 661.9 | 688.3 | 713.7 |
| 155° | 525.7 | 532.7 | 544.5 | 557.4 | 575.0 | 594.9 | 614.9 | 633.7 | 654.8 | 677.1 | 698.2 |
| 157.5° | 541.2 | 547.8 | 556.9 | 568.2 | 582.1 | 599.0 | 614.9 | 630.7 | 647.5 | 665.6 | 681.6 |
| 160° | 551.5 | 556.2 | 564.4 | 573.8 | 586.7 | 600.8 | 614.9 | 627.8 | 641.9 | 657.1 | 671.3 |
| 162.5° | 560.0 | 563.7 | 571.0 | 579.5 | 589.6 | 602.7 | 614.9 | 625.0 | 636.2 | 649.6 | 660.9 |
| 165° | 571.5 | 573.8 | 579.7 | 585.5 | 592.6 | 603.2 | 612.6 | 619.6 | 627.8 | 637.2 | 646.6 |
| 167.5° | 580.9 | 582.1 | 586.5 | 589.8 | 595.2 | 602.9 | 609.8 | 614.0 | 619.4 | 625.9 | 632.8 |
| 170° | 585.5 | 586.7 | 590.3 | 592.6 | 596.1 | 602.0 | 607.8 | 610.2 | 613.7 | 618.4 | 624.3 |
| 172.5° | 590.3 | 590.5 | 593.1 | 594.5 | 597.0 | 601.1 | 606.0 | 606.4 | 608.0 | 611.9 | 616.7 |
| 175° | 594.9 | 594.9 | 596.1 | 597.3 | 597.3 | 599.7 | 603.2 | 602.0 | 602.0 | 604.3 | 606.7 |
| 177.5° | 597.3 | 596.3 | 597.3 | 597.3 | 597.3 | 598.2 | 600.1 | 598.2 | 598.2 | 599.2 | 600.1 |
| 180° | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 |



TEST NUMBER: P332981-840
 CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5° | 1817.7 | 1819.9 | 1821.6 | 1827.1 | 1827.7 | 1832.7 | 1827.7 |
| 5° | 1968.0 | 1977.8 | 1993.2 | 2008.5 | 2009.9 | 2019.6 | 2002.3 |
| 7.5° | 2136.7 | 2159.3 | 2173.4 | 2198.3 | 2208.1 | 2214.1 | 2204.1 |
| 10° | 2252.8 | 2273.8 | 2310.8 | 2329.0 | 2347.1 | 2349.9 | 2341.5 |
| 12.5° | 2365.1 | 2398.3 | 2427.5 | 2461.8 | 2461.0 | 2485.6 | 2476.7 |
| 15° | 2514.7 | 2548.9 | 2589.3 | 2627.8 | 2641.7 | 2641.7 | 2652.9 |
| 17.5° | 2621.3 | 2684.0 | 2725.9 | 2756.0 | 2789.0 | 2794.7 | 2790.9 |
| 20° | 2693.4 | 2761.1 | 2805.8 | 2844.9 | 2867.2 | 2873.5 | 2873.5 |
| 22.5° | 2746.9 | 2804.6 | 2848.2 | 2883.4 | 2901.8 | 2909.2 | 2907.0 |
| 25° | 2784.1 | 2833.7 | 2860.2 | 2870.6 | 2875.6 | 2874.2 | 2860.9 |
| 27.5° | 2733.3 | 2731.1 | 2714.3 | 2682.2 | 2658.1 | 2643.4 | 2626.7 |
| 30° | 2636.2 | 2599.8 | 2557.9 | 2511.8 | 2452.6 | 2407.1 | 2393.2 |
| 32.5° | 2491.4 | 2409.9 | 2338.9 | 2262.2 | 2198.4 | 2153.0 | 2134.0 |
| 35° | 2211.7 | 2082.5 | 1977.1 | 1884.9 | 1818.0 | 1776.0 | 1762.1 |
| 37.5° | 1879.7 | 1754.6 | 1624.2 | 1534.8 | 1479.1 | 1436.8 | 1421.1 |
| 40° | 1668.5 | 1532.4 | 1418.6 | 1334.8 | 1277.6 | 1236.4 | 1235.7 |
| 42.5° | 1475.8 | 1345.8 | 1238.8 | 1178.4 | 1116.7 | 1089.4 | 1089.3 |
| 45° | 1208.4 | 1104.4 | 1013.7 | 966.2 | 929.2 | 906.9 | 900.6 |
| 47.5° | 1000.6 | 914.5 | 854.0 | 816.3 | 786.1 | 771.8 | 762.7 |
| 50° | 883.8 | 808.4 | 760.2 | 727.4 | 710.6 | 692.6 | 691.2 |
| 52.5° | 786.7 | 725.8 | 688.2 | 661.6 | 640.4 | 629.4 | 629.8 |
| 55° | 661.2 | 613.0 | 586.4 | 566.1 | 549.5 | 541.1 | 537.6 |
| 57.5° | 556.9 | 520.8 | 501.5 | 482.9 | 475.8 | 469.3 | 467.5 |
| 60° | 492.2 | 467.8 | 449.6 | 434.9 | 424.4 | 422.3 | 421.6 |
| 62.5° | 438.6 | 413.0 | 400.4 | 389.1 | 381.4 | 378.2 | 377.0 |
| 65° | 361.6 | 342.7 | 331.6 | 322.6 | 319.7 | 314.9 | 314.2 |
| 67.5° | 291.5 | 280.2 | 272.9 | 266.5 | 262.8 | 262.5 | 262.5 |
| 70° | 248.5 | 242.3 | 236.0 | 232.5 | 230.4 | 228.9 | 228.9 |
| 72.5° | 211.7 | 207.0 | 201.9 | 200.1 | 199.7 | 198.2 | 197.7 |
| 75° | 161.3 | 156.4 | 157.0 | 153.6 | 150.8 | 147.3 | 145.2 |
| 77.5° | 114.3 | 110.9 | 110.2 | 109.8 | 107.3 | 106.9 | 108.1 |
| 80° | 88.7 | 85.1 | 84.4 | 85.1 | 84.4 | 82.4 | 82.4 |
| 82.5° | 67.5 | 64.5 | 63.8 | 63.4 | 62.7 | 63.4 | 62.3 |
| 85° | 36.3 | 34.9 | 34.9 | 34.9 | 36.3 | 35.6 | 34.9 |
| 87.5° | 17.3 | 17.0 | 17.6 | 17.2 | 17.5 | 16.7 | 17.2 |
| 90° | 22.3 | 23.4 | 23.4 | 24.6 | 25.9 | 24.6 | 24.6 |
| 92.5° | 173.4 | 138.0 | 114.5 | 100.7 | 94.3 | 90.4 | 90.4 |
| 95° | 687.6 | 530.4 | 416.6 | 359.1 | 322.8 | 301.5 | 286.3 |
| 97.5° | 1217.1 | 1102.4 | 979.9 | 895.5 | 825.0 | 789.7 | 765.4 |
| 100° | 1438.7 | 1381.2 | 1294.3 | 1192.2 | 1120.6 | 1085.5 | 1076.1 |
| 102.5° | 1525.0 | 1541.7 | 1505.5 | 1442.9 | 1391.0 | 1353.9 | 1346.5 |
| 105° | 1517.3 | 1633.5 | 1681.5 | 1683.9 | 1674.6 | 1658.1 | 1651.0 |
| 107.5° | 1396.4 | 1560.0 | 1664.7 | 1722.6 | 1749.4 | 1761.1 | 1764.2 |
| 110° | 1302.5 | 1472.7 | 1601.7 | 1685.1 | 1734.3 | 1755.5 | 1766.1 |



TEST NUMBER: P332981-840

CATALOG NUMBER: SA4XXRDIP-C1020D1205U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1219.9 | 1380.7 | 1509.7 | 1604.4 | 1664.0 | 1693.5 | 1710.7 |
| 115° | 1125.4 | 1262.6 | 1375.3 | 1468.0 | 1538.4 | 1576.0 | 1585.4 |
| 117.5° | 1071.4 | 1179.3 | 1274.9 | 1353.9 | 1413.1 | 1451.1 | 1458.3 |
| 120° | 1047.9 | 1141.8 | 1225.1 | 1292.0 | 1343.6 | 1374.1 | 1387.0 |
| 122.5° | 1032.9 | 1118.3 | 1191.3 | 1247.9 | 1292.0 | 1317.8 | 1330.7 |
| 125° | 1009.2 | 1090.1 | 1154.7 | 1201.6 | 1235.7 | 1258.0 | 1265.0 |
| 127.5° | 981.3 | 1062.0 | 1123.3 | 1170.4 | 1200.7 | 1219.5 | 1226.5 |
| 130° | 958.8 | 1038.5 | 1100.8 | 1148.8 | 1178.1 | 1196.9 | 1204.0 |
| 132.5° | 933.4 | 1011.3 | 1073.5 | 1120.6 | 1153.8 | 1171.5 | 1178.6 |
| 135° | 895.3 | 966.9 | 1025.6 | 1072.6 | 1105.4 | 1124.2 | 1131.3 |
| 137.5° | 859.0 | 919.3 | 972.3 | 1016.2 | 1048.6 | 1064.1 | 1072.6 |
| 140° | 835.5 | 888.3 | 937.6 | 978.7 | 1004.5 | 1020.9 | 1030.3 |
| 142.5° | 815.8 | 861.1 | 903.8 | 940.2 | 964.1 | 978.7 | 985.2 |
| 145° | 788.6 | 823.7 | 856.7 | 886.0 | 905.9 | 917.7 | 923.5 |
| 147.5° | 765.1 | 793.2 | 819.1 | 840.7 | 857.8 | 866.8 | 868.8 |
| 150° | 751.0 | 774.5 | 795.6 | 814.4 | 829.6 | 836.7 | 837.9 |
| 152.5° | 736.9 | 758.5 | 775.9 | 791.8 | 804.3 | 808.5 | 809.7 |
| 155° | 717.0 | 734.6 | 748.7 | 760.4 | 769.8 | 773.4 | 773.4 |
| 157.5° | 697.3 | 712.1 | 723.4 | 732.3 | 739.3 | 741.4 | 741.4 |
| 160° | 684.1 | 697.0 | 706.4 | 713.5 | 720.5 | 721.6 | 721.6 |
| 162.5° | 672.0 | 682.1 | 690.4 | 695.6 | 702.7 | 703.9 | 702.9 |
| 165° | 653.6 | 661.9 | 667.7 | 672.4 | 677.1 | 675.9 | 674.8 |
| 167.5° | 638.1 | 644.7 | 648.2 | 650.6 | 653.6 | 653.4 | 652.5 |
| 170° | 627.8 | 632.5 | 636.0 | 638.3 | 639.5 | 638.3 | 638.3 |
| 172.5° | 619.4 | 622.2 | 624.7 | 626.1 | 627.3 | 626.1 | 624.3 |
| 175° | 607.8 | 610.2 | 610.2 | 610.2 | 612.6 | 610.2 | 607.8 |
| 177.5° | 601.1 | 601.1 | 602.0 | 601.1 | 602.0 | 600.1 | 598.2 |
| 180° | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 | 597.3 |

(END OF REPORT)