

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: P331761-927

Luminaire Tested: **SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P331761-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-16,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1080 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

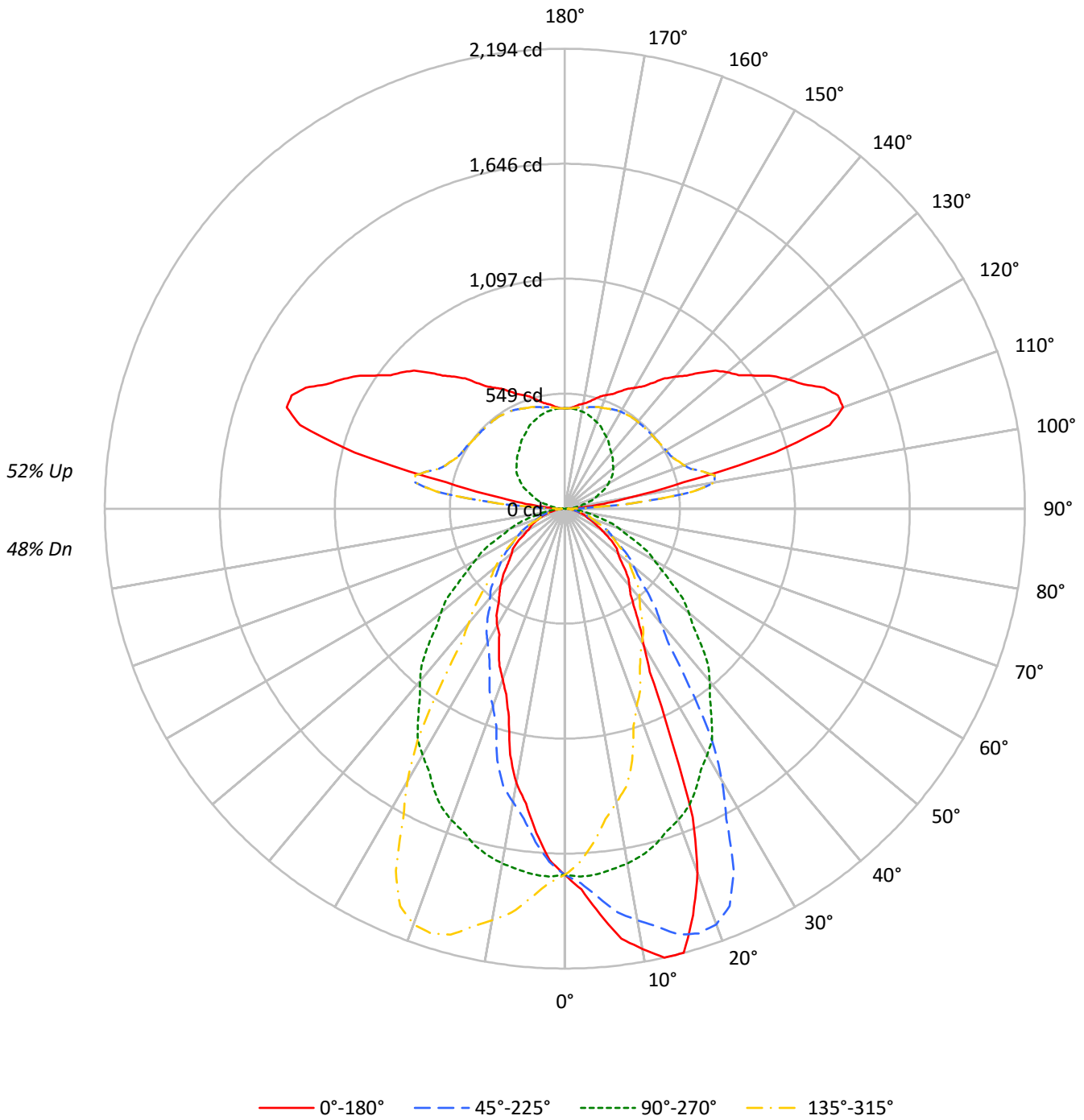
Lumens per Lamp: N/A
Luminaire Lumens: 6353.6 lumens
Efficiency: N/A
Efficacy: 88.6 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

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



TEST NUMBER: P331761-927
CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-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 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 54 | 54 | 54 | 48 |
| 1 | 98 | 94 | 90 | 87 | 90 | 87 | 84 | 81 | 73 | 71 | 69 | 60 | 59 | 57 | 49 | 48 | 47 | 42 |
| 2 | 90 | 83 | 77 | 72 | 82 | 77 | 72 | 68 | 65 | 61 | 58 | 54 | 51 | 49 | 44 | 42 | 41 | 36 |
| 3 | 82 | 74 | 67 | 61 | 76 | 68 | 62 | 57 | 58 | 53 | 50 | 48 | 45 | 43 | 40 | 37 | 36 | 31 |
| 4 | 76 | 66 | 58 | 53 | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 36 | 33 | 31 | 28 |
| 5 | 70 | 59 | 51 | 46 | 64 | 55 | 48 | 43 | 47 | 42 | 38 | 40 | 36 | 33 | 33 | 30 | 28 | 25 |
| 6 | 65 | 53 | 46 | 40 | 60 | 50 | 43 | 38 | 43 | 37 | 34 | 36 | 32 | 29 | 30 | 27 | 25 | 22 |
| 7 | 60 | 48 | 41 | 36 | 55 | 45 | 38 | 34 | 39 | 34 | 30 | 33 | 29 | 26 | 28 | 25 | 23 | 20 |
| 8 | 56 | 44 | 37 | 32 | 52 | 41 | 35 | 30 | 36 | 31 | 27 | 31 | 27 | 24 | 26 | 23 | 21 | 18 |
| 9 | 52 | 41 | 33 | 29 | 48 | 38 | 32 | 27 | 33 | 28 | 24 | 28 | 24 | 22 | 24 | 21 | 19 | 17 |
| 10 | 49 | 37 | 30 | 26 | 45 | 35 | 29 | 25 | 31 | 26 | 22 | 26 | 22 | 20 | 22 | 19 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 28208 | 28208 | 28208 | 28208 |
| 5° | 31504 | 28386 | 25167 | 28386 |
| 10° | 34954 | 28186 | 21815 | 28186 |
| 15° | 36672 | 27773 | 17188 | 27773 |
| 20° | 31792 | 27161 | 14874 | 27161 |
| 25° | 20851 | 26323 | 13279 | 26323 |
| 30° | 14033 | 25307 | 12020 | 25307 |
| 35° | 11367 | 24025 | 10841 | 24025 |
| 40° | 10108 | 22634 | 10030 | 22634 |
| 45° | 9149 | 21000 | 8953 | 21000 |
| 50° | 8324 | 19381 | 8297 | 19381 |
| 55° | 7828 | 17582 | 7724 | 17582 |
| 60° | 6546 | 15936 | 6468 | 15936 |
| 65° | 5521 | 14472 | 6262 | 14472 |
| 70° | 5103 | 12925 | 5906 | 12925 |
| 75° | 4772 | 11248 | 5452 | 11248 |
| 80° | 4407 | 9261 | 4854 | 9261 |
| 85° | 4057 | 7317 | 4279 | 7317 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 165.6 | 2.6 |
| 10°-20° | 461.5 | 7.3 |
| 20°-30° | 594.7 | 9.4 |
| 30°-40° | 565.1 | 8.9 |
| 40°-50° | 484.1 | 7.6 |
| 50°-60° | 368.7 | 5.8 |
| 60°-70° | 233.1 | 3.7 |
| 70°-80° | 116.4 | 1.8 |
| 80°-90° | 34.6 | 0.5 |
| 90°-100° | 191.3 | 3.0 |
| 100°-110° | 649.3 | 10.2 |
| 110°-120° | 689.8 | 10.9 |
| 120°-130° | 567.8 | 8.9 |
| 130°-140° | 456.0 | 7.2 |
| 140°-150° | 344.6 | 5.4 |
| 150°-160° | 242.2 | 3.8 |
| 160°-170° | 142.6 | 2.2 |
| 170°-180° | 46.4 | 0.7 |
| 0°-30° | 1221.8 | 19.2 |
| 0°-40° | 1786.9 | 28.1 |
| 0°-60° | 2639.7 | 41.5 |
| 0°-90° | 3023.7 | 47.6 |
| 90°-120° | 1530.4 | 24.1 |
| 90°-150° | 2898.8 | 45.6 |
| 90°-180° | 3330.0 | 52.4 |
| 0°-180° | 6353.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1747 | 1747 | 1747 | 1747 | 1747 | |
| 5° | 1944 | 1751 | 1553 | 1751 | 1944 | 192 |
| 15° | 2194 | 1662 | 1028 | 1662 | 2194 | 592 |
| 25° | 1170 | 1478 | 745 | 1478 | 1170 | 555 |
| 35° | 577 | 1219 | 550 | 1219 | 577 | 369 |
| 45° | 401 | 920 | 392 | 920 | 401 | 310 |
| 55° | 278 | 625 | 274 | 625 | 278 | 244 |
| 65° | 144 | 379 | 164 | 379 | 144 | 147 |
| 75° | 76 | 180 | 87 | 180 | 76 | 81 |
| 85° | 22 | 40 | 23 | 40 | 22 | 24 |
| 90° | 30 | 1 | 30 | 1 | 30 | 17 |
| 95° | 105 | 32 | 105 | 32 | 105 | 136 |
| 105° | 1037 | 112 | 1037 | 112 | 1037 | 1003 |
| 115° | 1365 | 198 | 1365 | 198 | 1365 | 1336 |
| 125° | 1107 | 276 | 1107 | 276 | 1107 | 1000 |
| 135° | 918 | 324 | 918 | 324 | 918 | 713 |
| 145° | 732 | 370 | 732 | 370 | 732 | 465 |
| 155° | 616 | 421 | 616 | 421 | 616 | 287 |
| 165° | 540 | 458 | 540 | 458 | 540 | 154 |
| 175° | 487 | 478 | 487 | 478 | 487 | 47 |
| 180° | 479 | 479 | 479 | 479 | 479 | |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5° | 1818.0 | 1819.5 | 1820.9 | 1817.5 | 1817.5 | 1814.6 | 1808.3 | 1803.4 | 1789.9 | 1787.9 | 1787.9 |
| 5° | 1943.8 | 1942.6 | 1945.0 | 1937.1 | 1926.2 | 1923.7 | 1912.2 | 1897.0 | 1881.3 | 1863.7 | 1860.0 |
| 7.5° | 2068.9 | 2067.0 | 2062.1 | 2060.9 | 2052.5 | 2034.1 | 2015.5 | 1995.7 | 1969.5 | 1943.9 | 1931.0 |
| 10° | 2132.0 | 2152.0 | 2139.8 | 2118.6 | 2122.9 | 2094.4 | 2079.2 | 2053.1 | 2031.2 | 1993.0 | 1984.5 |
| 12.5° | 2194.1 | 2202.0 | 2198.1 | 2186.1 | 2180.6 | 2160.8 | 2140.3 | 2117.7 | 2077.3 | 2043.0 | 2013.1 |
| 15° | 2193.9 | 2205.4 | 2208.4 | 2204.8 | 2207.9 | 2206.6 | 2195.7 | 2176.9 | 2141.7 | 2104.0 | 2071.2 |
| 17.5° | 2031.9 | 2039.9 | 2059.8 | 2073.3 | 2090.3 | 2126.3 | 2144.0 | 2150.9 | 2145.7 | 2124.2 | 2101.1 |
| 20° | 1850.3 | 1836.9 | 1892.8 | 1921.4 | 1945.6 | 2006.3 | 2058.5 | 2078.5 | 2110.7 | 2110.1 | 2104.0 |
| 22.5° | 1592.9 | 1596.1 | 1649.0 | 1682.9 | 1753.8 | 1814.5 | 1874.0 | 1949.4 | 2011.7 | 2052.8 | 2076.9 |
| 25° | 1170.4 | 1193.5 | 1246.3 | 1292.4 | 1371.3 | 1484.2 | 1586.8 | 1705.8 | 1818.1 | 1906.8 | 1991.2 |
| 27.5° | 879.0 | 880.7 | 922.6 | 965.2 | 1012.1 | 1104.6 | 1233.7 | 1375.9 | 1536.0 | 1668.1 | 1820.0 |
| 30° | 752.7 | 749.1 | 766.7 | 792.8 | 832.9 | 904.5 | 1001.6 | 1141.3 | 1300.9 | 1500.0 | 1677.3 |
| 32.5° | 663.4 | 663.6 | 676.8 | 696.2 | 729.4 | 777.8 | 844.3 | 957.7 | 1108.6 | 1304.3 | 1512.2 |
| 35° | 576.7 | 576.1 | 585.8 | 599.8 | 613.7 | 644.7 | 690.2 | 749.7 | 853.5 | 1036.3 | 1248.7 |
| 37.5° | 514.5 | 517.2 | 522.0 | 530.7 | 546.1 | 563.3 | 590.7 | 630.6 | 704.6 | 812.6 | 991.2 |
| 40° | 479.6 | 480.8 | 487.4 | 494.7 | 503.8 | 517.2 | 539.6 | 571.9 | 625.9 | 712.1 | 842.6 |
| 42.5° | 447.5 | 448.8 | 453.4 | 460.3 | 467.5 | 480.8 | 499.4 | 527.2 | 571.0 | 638.3 | 745.9 |
| 45° | 400.7 | 400.7 | 404.9 | 408.0 | 415.8 | 427.9 | 443.1 | 466.2 | 496.5 | 546.4 | 618.0 |
| 47.5° | 356.7 | 356.8 | 359.7 | 364.9 | 369.8 | 379.3 | 394.2 | 413.0 | 435.1 | 473.6 | 534.8 |
| 50° | 331.4 | 332.1 | 333.9 | 338.1 | 341.2 | 349.7 | 361.2 | 377.6 | 400.7 | 430.4 | 481.4 |
| 52.5° | 311.1 | 310.7 | 313.0 | 314.8 | 316.9 | 323.0 | 331.6 | 346.0 | 366.6 | 392.5 | 434.7 |
| 55° | 278.1 | 275.6 | 279.2 | 282.3 | 284.1 | 286.5 | 291.4 | 300.5 | 318.1 | 339.9 | 371.5 |
| 57.5° | 236.8 | 235.8 | 238.4 | 241.1 | 246.8 | 253.4 | 257.5 | 263.3 | 272.4 | 288.1 | 319.4 |
| 60° | 202.7 | 202.7 | 208.2 | 210.0 | 216.7 | 225.2 | 233.7 | 238.6 | 247.7 | 258.0 | 281.1 |
| 62.5° | 172.6 | 173.2 | 175.7 | 177.5 | 181.3 | 191.7 | 203.6 | 214.3 | 222.9 | 232.7 | 248.0 |
| 65° | 144.5 | 145.7 | 145.7 | 146.9 | 149.3 | 151.8 | 156.6 | 165.1 | 180.3 | 194.2 | 205.8 |
| 67.5° | 122.6 | 123.0 | 123.3 | 124.5 | 125.2 | 127.9 | 129.8 | 133.6 | 137.0 | 150.3 | 164.6 |
| 70° | 108.1 | 109.9 | 109.2 | 110.5 | 111.1 | 112.3 | 114.7 | 116.5 | 122.0 | 125.1 | 133.6 |
| 72.5° | 94.4 | 95.8 | 95.7 | 96.4 | 98.0 | 98.2 | 100.1 | 102.0 | 105.5 | 108.1 | 112.6 |
| 75° | 76.5 | 75.9 | 76.5 | 77.7 | 78.3 | 78.9 | 78.9 | 81.4 | 83.2 | 85.6 | 88.6 |
| 77.5° | 59.0 | 59.7 | 59.5 | 59.7 | 59.7 | 60.8 | 60.7 | 61.8 | 63.6 | 64.8 | 66.3 |
| 80° | 47.4 | 47.9 | 47.4 | 47.9 | 48.6 | 49.2 | 48.6 | 49.2 | 51.0 | 52.2 | 52.2 |
| 82.5° | 36.7 | 36.8 | 37.2 | 37.3 | 37.4 | 37.5 | 38.3 | 38.5 | 39.8 | 39.6 | 40.1 |
| 85° | 21.9 | 21.2 | 21.2 | 21.2 | 21.9 | 22.5 | 21.9 | 21.9 | 22.5 | 22.5 | 22.5 |
| 87.5° | 13.9 | 14.3 | 14.3 | 14.3 | 14.3 | 14.2 | 13.8 | 14.7 | 14.3 | 15.0 | 14.3 |
| 90° | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 29.5 | 27.6 | 29.5 | 30.3 | 31.3 | 30.3 |
| 92.5° | 51.0 | 52.4 | 51.7 | 54.7 | 55.4 | 61.1 | 68.8 | 80.2 | 101.1 | 119.6 | 118.0 |
| 95° | 104.9 | 104.0 | 106.8 | 114.1 | 126.0 | 146.3 | 185.0 | 241.1 | 315.7 | 360.8 | 319.3 |
| 97.5° | 206.5 | 214.2 | 227.7 | 250.3 | 294.3 | 360.8 | 460.3 | 562.6 | 646.0 | 615.8 | 463.8 |
| 100° | 329.5 | 346.0 | 372.7 | 412.3 | 488.6 | 600.0 | 726.1 | 840.2 | 859.5 | 727.0 | 500.6 |
| 102.5° | 579.8 | 602.2 | 635.6 | 703.1 | 786.1 | 904.0 | 996.2 | 1022.1 | 939.1 | 730.7 | 486.6 |
| 105° | 1037.1 | 1050.0 | 1089.6 | 1146.6 | 1203.7 | 1234.1 | 1222.1 | 1118.1 | 926.7 | 681.9 | 459.2 |
| 107.5° | 1324.8 | 1341.9 | 1349.8 | 1353.0 | 1345.8 | 1301.2 | 1205.5 | 1048.9 | 845.9 | 629.6 | 445.6 |
| 110° | 1411.7 | 1412.6 | 1404.3 | 1386.8 | 1347.3 | 1271.8 | 1154.0 | 989.3 | 795.1 | 604.6 | 442.7 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1410.2 | 1405.3 | 1389.6 | 1360.3 | 1305.3 | 1218.8 | 1092.9 | 934.8 | 759.8 | 588.4 | 443.4 |
| 115° | 1364.8 | 1356.5 | 1332.5 | 1290.2 | 1224.9 | 1130.0 | 1009.6 | 867.8 | 716.0 | 570.5 | 447.3 |
| 117.5° | 1283.6 | 1276.6 | 1251.3 | 1206.7 | 1140.0 | 1051.1 | 941.8 | 817.4 | 688.3 | 561.9 | 453.8 |
| 120° | 1231.3 | 1222.1 | 1195.4 | 1152.1 | 1087.7 | 1004.0 | 906.4 | 792.3 | 673.6 | 556.7 | 458.3 |
| 122.5° | 1176.8 | 1169.1 | 1145.3 | 1102.8 | 1045.0 | 969.4 | 877.0 | 772.5 | 661.1 | 553.8 | 463.4 |
| 125° | 1107.1 | 1099.7 | 1076.7 | 1041.7 | 988.3 | 919.3 | 838.4 | 743.5 | 643.3 | 548.5 | 471.2 |
| 127.5° | 1046.0 | 1040.1 | 1020.2 | 987.5 | 940.9 | 877.2 | 800.8 | 715.0 | 626.7 | 545.3 | 479.1 |
| 130° | 1011.4 | 1004.0 | 985.6 | 954.3 | 909.2 | 848.5 | 775.8 | 696.6 | 615.7 | 543.8 | 485.0 |
| 132.5° | 975.3 | 968.7 | 951.7 | 920.4 | 876.1 | 819.0 | 752.3 | 679.0 | 606.8 | 543.1 | 490.8 |
| 135° | 917.5 | 913.8 | 897.2 | 866.9 | 827.3 | 775.8 | 715.0 | 654.3 | 594.5 | 542.0 | 497.9 |
| 137.5° | 860.8 | 855.3 | 840.7 | 814.6 | 778.6 | 733.6 | 685.4 | 634.6 | 585.8 | 541.9 | 504.1 |
| 140° | 821.8 | 816.3 | 802.5 | 778.6 | 749.1 | 708.6 | 666.3 | 622.1 | 580.7 | 541.1 | 507.1 |
| 142.5° | 782.8 | 781.6 | 769.4 | 747.6 | 719.6 | 685.8 | 649.4 | 611.8 | 575.5 | 541.1 | 509.3 |
| 145° | 732.5 | 729.8 | 720.6 | 704.9 | 682.9 | 656.2 | 627.6 | 597.2 | 568.7 | 539.2 | 511.7 |
| 147.5° | 690.4 | 688.7 | 682.5 | 669.9 | 651.7 | 632.2 | 610.0 | 586.1 | 561.7 | 536.0 | 512.4 |
| 150° | 665.4 | 664.4 | 658.9 | 647.8 | 634.1 | 617.5 | 598.2 | 577.9 | 555.8 | 533.8 | 511.7 |
| 152.5° | 644.0 | 643.8 | 639.8 | 630.2 | 619.3 | 605.0 | 588.6 | 569.8 | 550.6 | 530.0 | 510.2 |
| 155° | 615.7 | 617.5 | 613.8 | 607.4 | 597.2 | 587.1 | 573.3 | 558.6 | 541.1 | 523.6 | 507.9 |
| 157.5° | 591.5 | 591.5 | 589.9 | 584.6 | 577.3 | 569.4 | 557.9 | 545.5 | 532.1 | 517.0 | 503.7 |
| 160° | 576.1 | 576.1 | 575.1 | 570.5 | 564.1 | 557.7 | 547.6 | 537.4 | 525.5 | 512.6 | 501.5 |
| 162.5° | 561.3 | 562.1 | 561.2 | 558.0 | 551.6 | 546.6 | 538.0 | 529.3 | 519.6 | 508.9 | 499.3 |
| 165° | 540.2 | 541.1 | 541.1 | 537.4 | 533.8 | 530.0 | 523.6 | 517.2 | 509.8 | 501.5 | 495.1 |
| 167.5° | 520.7 | 521.8 | 522.0 | 519.9 | 518.3 | 515.0 | 510.6 | 505.6 | 500.3 | 495.1 | 490.8 |
| 170° | 508.9 | 510.7 | 511.7 | 508.9 | 507.9 | 506.1 | 502.5 | 499.7 | 495.1 | 491.4 | 488.6 |
| 172.5° | 499.3 | 500.4 | 501.4 | 500.1 | 499.2 | 498.0 | 495.1 | 493.1 | 490.0 | 487.0 | 485.7 |
| 175° | 486.8 | 488.6 | 489.6 | 488.6 | 488.6 | 487.7 | 486.8 | 485.9 | 483.2 | 482.2 | 481.3 |
| 177.5° | 479.3 | 480.8 | 481.5 | 481.5 | 481.5 | 481.5 | 480.8 | 480.8 | 479.3 | 478.6 | 479.3 |
| 180° | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5° | 1788.9 | 1784.9 | 1781.6 | 1772.8 | 1768.5 | 1758.7 | 1757.3 | 1756.8 | 1744.2 | 1732.0 | 1728.6 |
| 5° | 1850.3 | 1840.6 | 1826.1 | 1809.0 | 1791.4 | 1773.2 | 1761.1 | 1751.4 | 1727.0 | 1704.0 | 1690.7 |
| 7.5° | 1912.2 | 1891.3 | 1866.2 | 1834.1 | 1807.2 | 1777.1 | 1754.8 | 1734.7 | 1700.3 | 1667.2 | 1645.0 |
| 10° | 1958.4 | 1924.4 | 1890.9 | 1846.7 | 1812.0 | 1778.1 | 1746.5 | 1719.2 | 1680.3 | 1636.6 | 1605.7 |
| 12.5° | 1987.0 | 1949.6 | 1903.6 | 1860.3 | 1815.4 | 1772.3 | 1730.0 | 1694.9 | 1649.2 | 1604.1 | 1567.3 |
| 15° | 2025.8 | 1985.7 | 1929.8 | 1867.9 | 1810.2 | 1753.8 | 1705.3 | 1661.5 | 1602.0 | 1548.0 | 1503.1 |
| 17.5° | 2057.5 | 2002.3 | 1942.4 | 1870.7 | 1804.0 | 1732.2 | 1669.7 | 1613.8 | 1547.6 | 1482.4 | 1429.5 |
| 20° | 2067.6 | 2013.0 | 1943.8 | 1872.2 | 1793.3 | 1708.9 | 1641.5 | 1580.8 | 1509.7 | 1438.7 | 1378.0 |
| 22.5° | 2061.3 | 2018.8 | 1941.9 | 1856.2 | 1775.3 | 1687.0 | 1610.9 | 1540.5 | 1461.7 | 1389.2 | 1318.7 |
| 25° | 2018.5 | 2003.9 | 1931.0 | 1837.5 | 1745.3 | 1642.7 | 1554.7 | 1477.6 | 1387.7 | 1310.0 | 1233.5 |
| 27.5° | 1918.5 | 1950.0 | 1904.8 | 1805.2 | 1702.6 | 1592.7 | 1493.7 | 1406.0 | 1312.7 | 1225.3 | 1149.1 |
| 30° | 1822.4 | 1894.6 | 1875.2 | 1782.9 | 1668.2 | 1560.1 | 1449.1 | 1357.4 | 1257.8 | 1168.0 | 1092.7 |
| 32.5° | 1690.8 | 1810.1 | 1829.1 | 1751.8 | 1633.2 | 1514.5 | 1398.0 | 1306.9 | 1202.9 | 1108.3 | 1034.9 |
| 35° | 1481.2 | 1659.7 | 1741.6 | 1692.5 | 1573.5 | 1445.4 | 1325.2 | 1218.9 | 1114.5 | 1021.0 | 948.2 |
| 37.5° | 1231.2 | 1474.3 | 1610.9 | 1614.4 | 1505.1 | 1372.0 | 1241.0 | 1135.6 | 1028.7 | 936.9 | 858.2 |
| 40° | 1069.1 | 1332.5 | 1510.4 | 1549.8 | 1457.5 | 1313.7 | 1181.3 | 1073.9 | 969.5 | 879.6 | 789.2 |
| 42.5° | 923.4 | 1185.8 | 1404.5 | 1473.1 | 1399.8 | 1256.9 | 1124.0 | 1011.7 | 910.2 | 825.2 | 732.8 |
| 45° | 746.7 | 976.1 | 1217.1 | 1339.7 | 1299.1 | 1166.7 | 1026.5 | 919.7 | 824.3 | 750.9 | 662.3 |
| 47.5° | 629.9 | 791.6 | 1024.8 | 1190.6 | 1189.9 | 1069.1 | 931.2 | 828.9 | 740.5 | 671.6 | 599.9 |
| 50° | 563.3 | 704.2 | 901.5 | 1089.6 | 1105.4 | 1004.1 | 872.9 | 771.6 | 689.0 | 616.8 | 559.1 |
| 52.5° | 503.6 | 619.6 | 797.1 | 977.5 | 1022.4 | 934.6 | 807.4 | 713.8 | 633.7 | 567.2 | 517.8 |
| 55° | 425.6 | 515.4 | 650.1 | 818.9 | 886.9 | 825.0 | 712.1 | 624.6 | 559.7 | 503.8 | 461.4 |
| 57.5° | 360.0 | 427.4 | 535.5 | 671.4 | 750.6 | 711.6 | 618.5 | 547.5 | 491.9 | 441.3 | 407.8 |
| 60° | 318.7 | 373.9 | 465.6 | 579.2 | 666.5 | 639.2 | 559.7 | 493.5 | 446.2 | 402.5 | 370.9 |
| 62.5° | 279.9 | 327.3 | 405.9 | 498.0 | 578.1 | 566.9 | 501.9 | 446.4 | 404.9 | 365.1 | 338.3 |
| 65° | 225.2 | 259.8 | 321.2 | 393.4 | 457.7 | 463.2 | 416.5 | 378.8 | 341.7 | 310.2 | 286.5 |
| 67.5° | 179.4 | 201.9 | 245.1 | 305.9 | 354.2 | 371.4 | 342.9 | 314.1 | 284.7 | 260.3 | 239.8 |
| 70° | 151.1 | 169.4 | 200.9 | 250.1 | 294.5 | 312.6 | 296.3 | 273.8 | 248.3 | 228.2 | 210.6 |
| 72.5° | 122.5 | 140.2 | 163.5 | 199.6 | 237.6 | 257.3 | 251.6 | 235.4 | 214.8 | 198.1 | 181.5 |
| 75° | 92.3 | 97.8 | 113.5 | 137.8 | 167.5 | 184.6 | 188.8 | 180.3 | 163.9 | 151.1 | 141.4 |
| 77.5° | 68.2 | 71.5 | 79.1 | 91.8 | 111.2 | 126.4 | 132.6 | 131.6 | 120.3 | 112.9 | 103.8 |
| 80° | 54.7 | 56.5 | 60.1 | 65.6 | 80.2 | 95.3 | 99.6 | 99.6 | 91.7 | 88.6 | 79.5 |
| 82.5° | 41.5 | 42.9 | 45.1 | 48.1 | 54.9 | 68.1 | 72.9 | 73.8 | 68.8 | 64.8 | 57.7 |
| 85° | 23.7 | 23.1 | 24.3 | 26.1 | 27.3 | 31.0 | 38.3 | 39.5 | 38.3 | 33.4 | 31.5 |
| 87.5° | 13.2 | 12.4 | 11.5 | 10.5 | 10.6 | 10.7 | 12.4 | 14.3 | 12.9 | 12.1 | 11.6 |
| 90° | 24.9 | 18.4 | 13.8 | 11.0 | 9.2 | 7.4 | 3.6 | 1.0 | 3.6 | 7.4 | 9.2 |
| 92.5° | 91.8 | 62.6 | 41.7 | 33.1 | 26.9 | 22.8 | 16.2 | 11.2 | 16.2 | 22.8 | 26.9 |
| 95° | 212.5 | 132.5 | 90.2 | 68.1 | 53.4 | 45.1 | 35.9 | 32.2 | 35.9 | 45.1 | 53.4 |
| 97.5° | 286.4 | 174.8 | 121.7 | 96.6 | 79.7 | 67.2 | 57.4 | 52.4 | 57.4 | 67.2 | 79.7 |
| 100° | 301.8 | 189.6 | 140.8 | 115.0 | 96.6 | 81.9 | 73.6 | 70.8 | 73.6 | 81.9 | 96.6 |
| 102.5° | 302.6 | 202.8 | 157.7 | 132.0 | 112.8 | 98.1 | 89.8 | 87.8 | 89.8 | 98.1 | 112.8 |
| 105° | 307.4 | 225.5 | 182.2 | 156.5 | 136.2 | 122.4 | 116.0 | 112.3 | 116.0 | 122.4 | 136.2 |
| 107.5° | 320.0 | 248.7 | 206.7 | 180.8 | 160.7 | 148.0 | 141.7 | 138.8 | 141.7 | 148.0 | 160.7 |
| 110° | 330.3 | 264.1 | 223.6 | 196.9 | 177.6 | 165.6 | 160.1 | 156.5 | 160.1 | 165.6 | 177.6 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 341.4 | 278.8 | 239.8 | 212.4 | 193.8 | 182.6 | 176.3 | 172.6 | 176.3 | 182.6 | 193.8 |
| 115° | 358.0 | 301.8 | 262.3 | 237.4 | 219.0 | 207.9 | 202.5 | 197.9 | 202.5 | 207.9 | 219.0 |
| 117.5° | 375.7 | 323.0 | 286.4 | 260.6 | 243.0 | 233.2 | 227.7 | 224.0 | 227.7 | 233.2 | 243.0 |
| 120° | 387.5 | 337.7 | 301.8 | 276.1 | 257.7 | 249.4 | 243.8 | 240.2 | 243.8 | 249.4 | 257.7 |
| 122.5° | 397.8 | 351.7 | 318.1 | 291.5 | 273.1 | 264.1 | 258.6 | 255.6 | 258.6 | 264.1 | 273.1 |
| 125° | 414.2 | 372.7 | 339.6 | 313.8 | 295.4 | 284.4 | 278.8 | 276.1 | 278.8 | 284.4 | 295.4 |
| 127.5° | 429.4 | 392.2 | 360.0 | 333.5 | 315.8 | 303.7 | 296.0 | 292.2 | 296.0 | 303.7 | 315.8 |
| 130° | 438.9 | 404.0 | 371.8 | 346.0 | 327.6 | 314.7 | 305.5 | 301.8 | 305.5 | 314.7 | 327.6 |
| 132.5° | 448.5 | 414.3 | 383.6 | 357.8 | 338.7 | 325.0 | 315.1 | 310.7 | 315.1 | 325.0 | 338.7 |
| 135° | 461.1 | 428.8 | 399.4 | 373.6 | 352.4 | 338.7 | 327.6 | 323.9 | 327.6 | 338.7 | 352.4 |
| 137.5° | 470.6 | 440.6 | 411.5 | 387.6 | 366.6 | 351.9 | 340.9 | 336.4 | 340.9 | 351.9 | 366.6 |
| 140° | 475.8 | 447.3 | 419.6 | 395.7 | 375.5 | 360.8 | 349.7 | 346.0 | 349.7 | 360.8 | 375.5 |
| 142.5° | 480.2 | 452.4 | 425.6 | 403.1 | 383.6 | 368.8 | 358.5 | 355.6 | 358.5 | 368.8 | 383.6 |
| 145° | 485.9 | 460.1 | 435.3 | 415.0 | 396.6 | 382.9 | 373.6 | 369.9 | 373.6 | 382.9 | 396.6 |
| 147.5° | 489.0 | 466.4 | 443.0 | 425.0 | 409.7 | 397.0 | 388.2 | 385.4 | 388.2 | 397.0 | 409.7 |
| 150° | 490.5 | 469.4 | 448.1 | 431.6 | 417.8 | 405.8 | 398.5 | 395.7 | 398.5 | 405.8 | 417.8 |
| 152.5° | 491.2 | 472.3 | 453.3 | 438.2 | 425.2 | 414.6 | 407.3 | 406.0 | 407.3 | 414.6 | 425.2 |
| 155° | 492.3 | 476.7 | 461.1 | 447.3 | 437.1 | 427.0 | 421.4 | 420.6 | 421.4 | 427.0 | 437.1 |
| 157.5° | 492.3 | 479.8 | 466.6 | 455.0 | 446.9 | 438.1 | 433.6 | 432.7 | 433.6 | 438.1 | 446.9 |
| 160° | 492.3 | 481.3 | 470.2 | 460.1 | 452.7 | 445.4 | 441.7 | 440.8 | 441.7 | 445.4 | 452.7 |
| 162.5° | 491.6 | 482.0 | 472.5 | 464.5 | 457.9 | 452.0 | 448.4 | 448.9 | 448.4 | 452.0 | 457.9 |
| 165° | 489.6 | 483.2 | 474.8 | 469.4 | 464.7 | 459.2 | 457.4 | 458.3 | 457.4 | 459.2 | 464.7 |
| 167.5° | 488.3 | 482.9 | 476.9 | 473.4 | 470.1 | 466.6 | 464.9 | 466.0 | 464.9 | 466.6 | 470.1 |
| 170° | 486.8 | 482.2 | 477.6 | 474.8 | 473.0 | 470.2 | 469.4 | 471.2 | 469.4 | 470.2 | 473.0 |
| 172.5° | 484.6 | 481.5 | 478.3 | 476.3 | 475.2 | 472.5 | 473.0 | 474.1 | 473.0 | 472.5 | 475.2 |
| 175° | 482.2 | 480.4 | 478.6 | 477.6 | 477.6 | 475.8 | 476.7 | 477.6 | 476.7 | 475.8 | 477.6 |
| 177.5° | 480.8 | 479.3 | 478.6 | 478.6 | 478.6 | 477.1 | 477.8 | 479.3 | 477.8 | 477.1 | 478.6 |
| 180° | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5° | 1722.4 | 1719.0 | 1712.6 | 1702.9 | 1697.1 | 1686.9 | 1680.1 | 1683.9 | 1685.0 | 1683.9 | 1683.0 |
| 5° | 1676.1 | 1663.3 | 1645.8 | 1628.7 | 1613.0 | 1595.9 | 1586.3 | 1582.0 | 1573.5 | 1568.6 | 1566.2 |
| 7.5° | 1620.1 | 1598.1 | 1573.3 | 1543.6 | 1518.5 | 1492.2 | 1478.7 | 1472.0 | 1454.6 | 1445.2 | 1436.9 |
| 10° | 1578.3 | 1543.7 | 1518.9 | 1480.0 | 1456.3 | 1421.7 | 1398.0 | 1398.7 | 1375.0 | 1361.6 | 1351.9 |
| 12.5° | 1532.2 | 1494.2 | 1452.8 | 1417.8 | 1385.0 | 1357.2 | 1328.6 | 1317.1 | 1292.0 | 1279.1 | 1252.8 |
| 15° | 1455.7 | 1411.4 | 1367.7 | 1320.3 | 1287.0 | 1243.9 | 1202.6 | 1152.2 | 1111.5 | 1076.3 | 1066.6 |
| 17.5° | 1372.2 | 1317.3 | 1273.5 | 1217.9 | 1160.7 | 1088.2 | 1040.4 | 1011.1 | 986.6 | 968.0 | 954.2 |
| 20° | 1314.9 | 1259.0 | 1212.3 | 1128.5 | 1051.4 | 1002.3 | 967.0 | 944.6 | 919.1 | 899.0 | 888.1 |
| 22.5° | 1254.7 | 1196.4 | 1132.7 | 1039.2 | 979.1 | 939.6 | 908.2 | 882.4 | 865.1 | 849.5 | 839.6 |
| 25° | 1169.2 | 1105.4 | 1000.4 | 936.0 | 887.5 | 846.2 | 824.3 | 808.6 | 790.4 | 769.1 | 759.5 |
| 27.5° | 1078.9 | 977.5 | 902.1 | 854.2 | 807.9 | 781.0 | 761.4 | 737.8 | 721.5 | 711.9 | 701.9 |
| 30° | 1011.4 | 910.0 | 851.1 | 798.9 | 766.1 | 736.3 | 713.3 | 700.0 | 684.1 | 667.7 | 661.1 |
| 32.5° | 936.0 | 855.1 | 798.7 | 755.2 | 721.9 | 696.6 | 678.3 | 656.7 | 645.3 | 635.3 | 621.2 |
| 35° | 842.6 | 781.3 | 729.7 | 694.5 | 662.9 | 642.3 | 621.0 | 608.2 | 587.6 | 579.2 | 573.7 |
| 37.5° | 763.4 | 710.3 | 671.8 | 634.6 | 609.6 | 586.8 | 573.8 | 553.5 | 544.5 | 532.7 | 521.3 |
| 40° | 718.7 | 666.5 | 629.5 | 599.1 | 571.2 | 554.2 | 537.8 | 521.5 | 508.1 | 502.6 | 488.7 |
| 42.5° | 673.1 | 630.6 | 593.6 | 560.3 | 541.6 | 523.6 | 502.9 | 490.8 | 477.1 | 468.2 | 459.5 |
| 45° | 610.1 | 572.4 | 540.9 | 513.6 | 492.9 | 474.1 | 460.7 | 440.7 | 432.8 | 415.3 | 408.0 |
| 47.5° | 554.8 | 519.8 | 489.6 | 463.7 | 443.5 | 431.3 | 411.7 | 396.0 | 383.4 | 372.6 | 363.3 |
| 50° | 515.4 | 486.2 | 457.1 | 434.0 | 415.8 | 398.2 | 378.2 | 370.3 | 350.9 | 345.4 | 339.9 |
| 52.5° | 479.4 | 451.8 | 425.1 | 402.5 | 384.3 | 367.2 | 349.5 | 339.2 | 326.1 | 320.7 | 316.6 |
| 55° | 429.2 | 402.5 | 377.0 | 357.0 | 338.7 | 321.2 | 310.2 | 297.5 | 291.4 | 287.2 | 282.3 |
| 57.5° | 378.7 | 354.7 | 335.1 | 314.8 | 296.5 | 282.5 | 269.9 | 262.2 | 256.0 | 250.3 | 244.5 |
| 60° | 346.7 | 323.5 | 305.9 | 287.2 | 268.3 | 256.7 | 247.1 | 238.0 | 230.7 | 222.2 | 219.8 |
| 62.5° | 312.6 | 292.5 | 276.3 | 258.0 | 241.6 | 231.1 | 221.8 | 213.2 | 204.5 | 192.1 | 188.7 |
| 65° | 265.9 | 250.1 | 233.1 | 217.9 | 203.4 | 193.1 | 179.7 | 170.0 | 166.4 | 165.1 | 164.5 |
| 67.5° | 223.6 | 208.7 | 194.2 | 178.6 | 165.3 | 155.7 | 149.0 | 147.5 | 145.0 | 144.3 | 142.5 |
| 70° | 195.5 | 181.5 | 166.9 | 152.3 | 139.7 | 137.8 | 135.4 | 132.9 | 129.9 | 128.7 | 127.5 |
| 72.5° | 170.2 | 155.7 | 141.2 | 129.5 | 124.1 | 121.8 | 119.4 | 116.9 | 114.9 | 113.7 | 112.9 |
| 75° | 130.6 | 117.2 | 107.4 | 103.2 | 100.1 | 98.3 | 94.7 | 92.8 | 91.7 | 89.8 | 89.2 |
| 77.5° | 94.0 | 86.4 | 82.0 | 79.3 | 76.1 | 74.1 | 72.1 | 70.3 | 69.0 | 68.6 | 67.7 |
| 80° | 71.6 | 68.0 | 65.0 | 61.3 | 60.1 | 57.7 | 57.0 | 55.2 | 55.8 | 54.0 | 54.0 |
| 82.5° | 55.6 | 51.0 | 48.5 | 46.7 | 45.6 | 43.6 | 43.0 | 42.1 | 42.2 | 40.9 | 40.9 |
| 85° | 28.5 | 27.3 | 26.1 | 24.9 | 24.9 | 23.1 | 23.7 | 23.1 | 23.1 | 21.9 | 21.2 |
| 87.5° | 11.4 | 11.5 | 11.5 | 12.8 | 13.9 | 13.5 | 13.4 | 12.7 | 12.4 | 12.7 | 12.4 |
| 90° | 11.0 | 13.8 | 18.4 | 24.9 | 30.3 | 31.3 | 30.3 | 29.5 | 27.6 | 29.5 | 30.3 |
| 92.5° | 33.1 | 41.7 | 62.6 | 91.8 | 118.0 | 119.6 | 101.1 | 80.2 | 68.8 | 61.1 | 55.4 |
| 95° | 68.1 | 90.2 | 132.5 | 212.5 | 319.3 | 360.8 | 315.7 | 241.1 | 185.0 | 146.3 | 126.0 |
| 97.5° | 96.6 | 121.7 | 174.8 | 286.4 | 463.8 | 615.8 | 646.0 | 562.6 | 460.3 | 360.8 | 294.3 |
| 100° | 115.0 | 140.8 | 189.6 | 301.8 | 500.6 | 727.0 | 859.5 | 840.2 | 726.1 | 600.0 | 488.6 |
| 102.5° | 132.0 | 157.7 | 202.8 | 302.6 | 486.6 | 730.7 | 939.1 | 1022.1 | 996.2 | 904.0 | 786.1 |
| 105° | 156.5 | 182.2 | 225.5 | 307.4 | 459.2 | 681.9 | 926.7 | 1118.1 | 1222.1 | 1234.1 | 1203.7 |
| 107.5° | 180.8 | 206.7 | 248.7 | 320.0 | 445.6 | 629.6 | 845.9 | 1048.9 | 1205.5 | 1301.2 | 1345.8 |
| 110° | 196.9 | 223.6 | 264.1 | 330.3 | 442.7 | 604.6 | 795.1 | 989.3 | 1154.0 | 1271.8 | 1347.3 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 212.4 | 239.8 | 278.8 | 341.4 | 443.4 | 588.4 | 759.8 | 934.8 | 1092.9 | 1218.8 | 1305.3 |
| 115° | 237.4 | 262.3 | 301.8 | 358.0 | 447.3 | 570.5 | 716.0 | 867.8 | 1009.6 | 1130.0 | 1224.9 |
| 117.5° | 260.6 | 286.4 | 323.0 | 375.7 | 453.8 | 561.9 | 688.3 | 817.4 | 941.8 | 1051.1 | 1140.0 |
| 120° | 276.1 | 301.8 | 337.7 | 387.5 | 458.3 | 556.7 | 673.6 | 792.3 | 906.4 | 1004.0 | 1087.7 |
| 122.5° | 291.5 | 318.1 | 351.7 | 397.8 | 463.4 | 553.8 | 661.1 | 772.5 | 877.0 | 969.4 | 1045.0 |
| 125° | 313.8 | 339.6 | 372.7 | 414.2 | 471.2 | 548.5 | 643.3 | 743.5 | 838.4 | 919.3 | 988.3 |
| 127.5° | 333.5 | 360.0 | 392.2 | 429.4 | 479.1 | 545.3 | 626.7 | 715.0 | 800.8 | 877.2 | 940.9 |
| 130° | 346.0 | 371.8 | 404.0 | 438.9 | 485.0 | 543.8 | 615.7 | 696.6 | 775.8 | 848.5 | 909.2 |
| 132.5° | 357.8 | 383.6 | 414.3 | 448.5 | 490.8 | 543.1 | 606.8 | 679.0 | 752.3 | 819.0 | 876.1 |
| 135° | 373.6 | 399.4 | 428.8 | 461.1 | 497.9 | 542.0 | 594.5 | 654.3 | 715.0 | 775.8 | 827.3 |
| 137.5° | 387.6 | 411.5 | 440.6 | 470.6 | 504.1 | 541.9 | 585.8 | 634.6 | 685.4 | 733.6 | 778.6 |
| 140° | 395.7 | 419.6 | 447.3 | 475.8 | 507.1 | 541.1 | 580.7 | 622.1 | 666.3 | 708.6 | 749.1 |
| 142.5° | 403.1 | 425.6 | 452.4 | 480.2 | 509.3 | 541.1 | 575.5 | 611.8 | 649.4 | 685.8 | 719.6 |
| 145° | 415.0 | 435.3 | 460.1 | 485.9 | 511.7 | 539.2 | 568.7 | 597.2 | 627.6 | 656.2 | 682.9 |
| 147.5° | 425.0 | 443.0 | 466.4 | 489.0 | 512.4 | 536.0 | 561.7 | 586.1 | 610.0 | 632.2 | 651.7 |
| 150° | 431.6 | 448.1 | 469.4 | 490.5 | 511.7 | 533.8 | 555.8 | 577.9 | 598.2 | 617.5 | 634.1 |
| 152.5° | 438.2 | 453.3 | 472.3 | 491.2 | 510.2 | 530.0 | 550.6 | 569.8 | 588.6 | 605.0 | 619.3 |
| 155° | 447.3 | 461.1 | 476.7 | 492.3 | 507.9 | 523.6 | 541.1 | 558.6 | 573.3 | 587.1 | 597.2 |
| 157.5° | 455.0 | 466.6 | 479.8 | 492.3 | 503.7 | 517.0 | 532.1 | 545.5 | 557.9 | 569.4 | 577.3 |
| 160° | 460.1 | 470.2 | 481.3 | 492.3 | 501.5 | 512.6 | 525.5 | 537.4 | 547.6 | 557.7 | 564.1 |
| 162.5° | 464.5 | 472.5 | 482.0 | 491.6 | 499.3 | 508.9 | 519.6 | 529.3 | 538.0 | 546.6 | 551.6 |
| 165° | 469.4 | 474.8 | 483.2 | 489.6 | 495.1 | 501.5 | 509.8 | 517.2 | 523.6 | 530.0 | 533.8 |
| 167.5° | 473.4 | 476.9 | 482.9 | 488.3 | 490.8 | 495.1 | 500.3 | 505.6 | 510.6 | 515.0 | 518.3 |
| 170° | 474.8 | 477.6 | 482.2 | 486.8 | 488.6 | 491.4 | 495.1 | 499.7 | 502.5 | 506.1 | 507.9 |
| 172.5° | 476.3 | 478.3 | 481.5 | 484.6 | 485.7 | 487.0 | 490.0 | 493.1 | 495.1 | 498.0 | 499.2 |
| 175° | 477.6 | 478.6 | 480.4 | 482.2 | 481.3 | 482.2 | 483.2 | 485.9 | 486.8 | 487.7 | 488.6 |
| 177.5° | 478.6 | 478.6 | 479.3 | 480.8 | 479.3 | 478.6 | 479.3 | 480.8 | 480.8 | 481.5 | 481.5 |
| 180° | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5° | 1677.7 | 1678.6 | 1677.2 | 1678.2 | 1677.2 | 1678.6 | 1677.7 | 1683.0 | 1683.9 | 1685.0 | 1683.9 |
| 5° | 1563.1 | 1555.8 | 1554.7 | 1552.8 | 1554.7 | 1555.8 | 1563.1 | 1566.2 | 1568.6 | 1573.5 | 1582.0 |
| 7.5° | 1426.5 | 1425.4 | 1422.4 | 1418.1 | 1422.4 | 1425.4 | 1426.5 | 1436.9 | 1445.2 | 1454.6 | 1472.0 |
| 10° | 1338.6 | 1335.5 | 1334.9 | 1330.6 | 1334.9 | 1335.5 | 1338.6 | 1351.9 | 1361.6 | 1375.0 | 1398.7 |
| 12.5° | 1235.6 | 1216.1 | 1214.0 | 1203.4 | 1214.0 | 1216.1 | 1235.6 | 1252.8 | 1279.1 | 1292.0 | 1317.1 |
| 15° | 1052.0 | 1048.4 | 1036.3 | 1028.3 | 1036.3 | 1048.4 | 1052.0 | 1066.6 | 1076.3 | 1111.5 | 1152.2 |
| 17.5° | 947.1 | 935.3 | 931.4 | 929.8 | 931.4 | 935.3 | 947.1 | 954.2 | 968.0 | 986.6 | 1011.1 |
| 20° | 879.6 | 868.7 | 866.9 | 865.7 | 866.9 | 868.7 | 879.6 | 888.1 | 899.0 | 919.1 | 944.6 |
| 22.5° | 833.0 | 821.6 | 816.8 | 813.2 | 816.8 | 821.6 | 833.0 | 839.6 | 849.5 | 865.1 | 882.4 |
| 25° | 753.4 | 749.1 | 746.7 | 745.4 | 746.7 | 749.1 | 753.4 | 759.5 | 769.1 | 790.4 | 808.6 |
| 27.5° | 691.1 | 681.8 | 679.9 | 676.8 | 679.9 | 681.8 | 691.1 | 701.9 | 711.9 | 721.5 | 737.8 |
| 30° | 655.6 | 652.6 | 648.3 | 644.7 | 648.3 | 652.6 | 655.6 | 661.1 | 667.7 | 684.1 | 700.0 |
| 32.5° | 613.9 | 611.3 | 607.5 | 605.9 | 607.5 | 611.3 | 613.9 | 621.2 | 635.3 | 645.3 | 656.7 |
| 35° | 567.6 | 559.1 | 555.5 | 550.0 | 555.5 | 559.1 | 567.6 | 573.7 | 579.2 | 587.6 | 608.2 |
| 37.5° | 518.6 | 514.2 | 509.1 | 510.9 | 509.1 | 514.2 | 518.6 | 521.3 | 532.7 | 544.5 | 553.5 |
| 40° | 480.8 | 477.8 | 476.6 | 475.9 | 476.6 | 477.8 | 480.8 | 488.7 | 502.6 | 508.1 | 521.5 |
| 42.5° | 450.7 | 442.3 | 439.1 | 439.0 | 439.1 | 442.3 | 450.7 | 459.5 | 468.2 | 477.1 | 490.8 |
| 45° | 404.9 | 397.0 | 391.6 | 392.1 | 391.6 | 397.0 | 404.9 | 408.0 | 415.3 | 432.8 | 440.7 |
| 47.5° | 358.1 | 357.8 | 354.4 | 355.5 | 354.4 | 357.8 | 358.1 | 363.3 | 372.6 | 383.4 | 396.0 |
| 50° | 335.7 | 332.1 | 329.6 | 330.3 | 329.6 | 332.1 | 335.7 | 339.9 | 345.4 | 350.9 | 370.3 |
| 52.5° | 314.3 | 311.2 | 309.3 | 311.8 | 309.3 | 311.2 | 314.3 | 316.6 | 320.7 | 326.1 | 339.2 |
| 55° | 279.2 | 275.6 | 275.0 | 274.4 | 275.0 | 275.6 | 279.2 | 282.3 | 287.2 | 291.4 | 297.5 |
| 57.5° | 240.0 | 237.6 | 233.9 | 232.3 | 233.9 | 237.6 | 240.0 | 244.5 | 250.3 | 256.0 | 262.2 |
| 60° | 211.8 | 207.0 | 200.9 | 200.3 | 200.9 | 207.0 | 211.8 | 219.8 | 222.2 | 230.7 | 238.0 |
| 62.5° | 186.1 | 185.1 | 183.9 | 183.8 | 183.9 | 185.1 | 186.1 | 188.7 | 192.1 | 204.5 | 213.2 |
| 65° | 163.3 | 162.7 | 163.3 | 163.9 | 163.3 | 162.7 | 163.3 | 164.5 | 165.1 | 166.4 | 170.0 |
| 67.5° | 142.3 | 141.2 | 140.1 | 140.6 | 140.1 | 141.2 | 142.3 | 142.5 | 144.3 | 145.0 | 147.5 |
| 70° | 126.3 | 125.6 | 125.1 | 125.1 | 125.1 | 125.6 | 126.3 | 127.5 | 128.7 | 129.9 | 132.9 |
| 72.5° | 110.7 | 110.6 | 110.0 | 109.5 | 110.0 | 110.6 | 110.7 | 112.9 | 113.7 | 114.9 | 116.9 |
| 75° | 88.6 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 88.6 | 89.2 | 89.8 | 91.7 | 92.8 |
| 77.5° | 67.5 | 66.9 | 66.3 | 65.8 | 66.3 | 66.9 | 67.5 | 67.7 | 68.6 | 69.0 | 70.3 |
| 80° | 53.4 | 52.8 | 52.2 | 52.2 | 52.2 | 52.8 | 53.4 | 54.0 | 54.0 | 55.8 | 55.2 |
| 82.5° | 40.8 | 40.2 | 40.1 | 39.6 | 40.1 | 40.2 | 40.8 | 40.9 | 40.9 | 42.2 | 42.1 |
| 85° | 21.9 | 22.5 | 21.9 | 23.1 | 21.9 | 22.5 | 21.9 | 21.2 | 21.9 | 23.1 | 23.1 |
| 87.5° | 12.4 | 11.9 | 12.4 | 11.9 | 12.4 | 11.9 | 12.4 | 12.4 | 12.7 | 12.4 | 12.7 |
| 90° | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 | 29.5 | 27.6 | 29.5 |
| 92.5° | 54.7 | 51.7 | 52.4 | 51.0 | 52.4 | 51.7 | 54.7 | 55.4 | 61.1 | 68.8 | 80.2 |
| 95° | 114.1 | 106.8 | 104.0 | 104.9 | 104.0 | 106.8 | 114.1 | 126.0 | 146.3 | 185.0 | 241.1 |
| 97.5° | 250.3 | 227.7 | 214.2 | 206.5 | 214.2 | 227.7 | 250.3 | 294.3 | 360.8 | 460.3 | 562.6 |
| 100° | 412.3 | 372.7 | 346.0 | 329.5 | 346.0 | 372.7 | 412.3 | 488.6 | 600.0 | 726.1 | 840.2 |
| 102.5° | 703.1 | 635.6 | 602.2 | 579.8 | 602.2 | 635.6 | 703.1 | 786.1 | 904.0 | 996.2 | 1022.1 |
| 105° | 1146.6 | 1089.6 | 1050.0 | 1037.1 | 1050.0 | 1089.6 | 1146.6 | 1203.7 | 1234.1 | 1222.1 | 1118.1 |
| 107.5° | 1353.0 | 1349.8 | 1341.9 | 1324.8 | 1341.9 | 1349.8 | 1353.0 | 1345.8 | 1301.2 | 1205.5 | 1048.9 |
| 110° | 1386.8 | 1404.3 | 1412.6 | 1411.7 | 1412.6 | 1404.3 | 1386.8 | 1347.3 | 1271.8 | 1154.0 | 989.3 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 112.5° | 1360.3 | 1389.6 | 1405.3 | 1410.2 | 1405.3 | 1389.6 | 1360.3 | 1305.3 | 1218.8 | 1092.9 | 934.8 |
| 115° | 1290.2 | 1332.5 | 1356.5 | 1364.8 | 1356.5 | 1332.5 | 1290.2 | 1224.9 | 1130.0 | 1009.6 | 867.8 |
| 117.5° | 1206.7 | 1251.3 | 1276.6 | 1283.6 | 1276.6 | 1251.3 | 1206.7 | 1140.0 | 1051.1 | 941.8 | 817.4 |
| 120° | 1152.1 | 1195.4 | 1222.1 | 1231.3 | 1222.1 | 1195.4 | 1152.1 | 1087.7 | 1004.0 | 906.4 | 792.3 |
| 122.5° | 1102.8 | 1145.3 | 1169.1 | 1176.8 | 1169.1 | 1145.3 | 1102.8 | 1045.0 | 969.4 | 877.0 | 772.5 |
| 125° | 1041.7 | 1076.7 | 1099.7 | 1107.1 | 1099.7 | 1076.7 | 1041.7 | 988.3 | 919.3 | 838.4 | 743.5 |
| 127.5° | 987.5 | 1020.2 | 1040.1 | 1046.0 | 1040.1 | 1020.2 | 987.5 | 940.9 | 877.2 | 800.8 | 715.0 |
| 130° | 954.3 | 985.6 | 1004.0 | 1011.4 | 1004.0 | 985.6 | 954.3 | 909.2 | 848.5 | 775.8 | 696.6 |
| 132.5° | 920.4 | 951.7 | 968.7 | 975.3 | 968.7 | 951.7 | 920.4 | 876.1 | 819.0 | 752.3 | 679.0 |
| 135° | 866.9 | 897.2 | 913.8 | 917.5 | 913.8 | 897.2 | 866.9 | 827.3 | 775.8 | 715.0 | 654.3 |
| 137.5° | 814.6 | 840.7 | 855.3 | 860.8 | 855.3 | 840.7 | 814.6 | 778.6 | 733.6 | 685.4 | 634.6 |
| 140° | 778.6 | 802.5 | 816.3 | 821.8 | 816.3 | 802.5 | 778.6 | 749.1 | 708.6 | 666.3 | 622.1 |
| 142.5° | 747.6 | 769.4 | 781.6 | 782.8 | 781.6 | 769.4 | 747.6 | 719.6 | 685.8 | 649.4 | 611.8 |
| 145° | 704.9 | 720.6 | 729.8 | 732.5 | 729.8 | 720.6 | 704.9 | 682.9 | 656.2 | 627.6 | 597.2 |
| 147.5° | 669.9 | 682.5 | 688.7 | 690.4 | 688.7 | 682.5 | 669.9 | 651.7 | 632.2 | 610.0 | 586.1 |
| 150° | 647.8 | 658.9 | 664.4 | 665.4 | 664.4 | 658.9 | 647.8 | 634.1 | 617.5 | 598.2 | 577.9 |
| 152.5° | 630.2 | 639.8 | 643.8 | 644.0 | 643.8 | 639.8 | 630.2 | 619.3 | 605.0 | 588.6 | 569.8 |
| 155° | 607.4 | 613.8 | 617.5 | 615.7 | 617.5 | 613.8 | 607.4 | 597.2 | 587.1 | 573.3 | 558.6 |
| 157.5° | 584.6 | 589.9 | 591.5 | 591.5 | 591.5 | 589.9 | 584.6 | 577.3 | 569.4 | 557.9 | 545.5 |
| 160° | 570.5 | 575.1 | 576.1 | 576.1 | 576.1 | 575.1 | 570.5 | 564.1 | 557.7 | 547.6 | 537.4 |
| 162.5° | 558.0 | 561.2 | 562.1 | 561.3 | 562.1 | 561.2 | 558.0 | 551.6 | 546.6 | 538.0 | 529.3 |
| 165° | 537.4 | 541.1 | 541.1 | 540.2 | 541.1 | 541.1 | 537.4 | 533.8 | 530.0 | 523.6 | 517.2 |
| 167.5° | 519.9 | 522.0 | 521.8 | 520.7 | 521.8 | 522.0 | 519.9 | 518.3 | 515.0 | 510.6 | 505.6 |
| 170° | 508.9 | 511.7 | 510.7 | 508.9 | 510.7 | 511.7 | 508.9 | 507.9 | 506.1 | 502.5 | 499.7 |
| 172.5° | 500.1 | 501.4 | 500.4 | 499.3 | 500.4 | 501.4 | 500.1 | 499.2 | 498.0 | 495.1 | 493.1 |
| 175° | 488.6 | 489.6 | 488.6 | 486.8 | 488.6 | 489.6 | 488.6 | 488.6 | 487.7 | 486.8 | 485.9 |
| 177.5° | 481.5 | 481.5 | 480.8 | 479.3 | 480.8 | 481.5 | 481.5 | 481.5 | 481.5 | 480.8 | 480.8 |
| 180° | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5° | 1680.1 | 1686.9 | 1697.1 | 1702.9 | 1712.6 | 1719.0 | 1722.4 | 1728.6 | 1732.0 | 1744.2 | 1756.8 |
| 5° | 1586.3 | 1595.9 | 1613.0 | 1628.7 | 1645.8 | 1663.3 | 1676.1 | 1690.7 | 1704.0 | 1727.0 | 1751.4 |
| 7.5° | 1478.7 | 1492.2 | 1518.5 | 1543.6 | 1573.3 | 1598.1 | 1620.1 | 1645.0 | 1667.2 | 1700.3 | 1734.7 |
| 10° | 1398.0 | 1421.7 | 1456.3 | 1480.0 | 1518.9 | 1543.7 | 1578.3 | 1605.7 | 1636.6 | 1680.3 | 1719.2 |
| 12.5° | 1328.6 | 1357.2 | 1385.0 | 1417.8 | 1452.8 | 1494.2 | 1532.2 | 1567.3 | 1604.1 | 1649.2 | 1694.9 |
| 15° | 1202.6 | 1243.9 | 1287.0 | 1320.3 | 1367.7 | 1411.4 | 1455.7 | 1503.1 | 1548.0 | 1602.0 | 1661.5 |
| 17.5° | 1040.4 | 1088.2 | 1160.7 | 1217.9 | 1273.5 | 1317.3 | 1372.2 | 1429.5 | 1482.4 | 1547.6 | 1613.8 |
| 20° | 967.0 | 1002.3 | 1051.4 | 1128.5 | 1212.3 | 1259.0 | 1314.9 | 1378.0 | 1438.7 | 1509.7 | 1580.8 |
| 22.5° | 908.2 | 939.6 | 979.1 | 1039.2 | 1132.7 | 1196.4 | 1254.7 | 1318.7 | 1389.2 | 1461.7 | 1540.5 |
| 25° | 824.3 | 846.2 | 887.5 | 936.0 | 1000.4 | 1105.4 | 1169.2 | 1233.5 | 1310.0 | 1387.7 | 1477.6 |
| 27.5° | 761.4 | 781.0 | 807.9 | 854.2 | 902.1 | 977.5 | 1078.9 | 1149.1 | 1225.3 | 1312.7 | 1406.0 |
| 30° | 713.3 | 736.3 | 766.1 | 798.9 | 851.1 | 910.0 | 1011.4 | 1092.7 | 1168.0 | 1257.8 | 1357.4 |
| 32.5° | 678.3 | 696.6 | 721.9 | 755.2 | 798.7 | 855.1 | 936.0 | 1034.9 | 1108.3 | 1202.9 | 1306.9 |
| 35° | 621.0 | 642.3 | 662.9 | 694.5 | 729.7 | 781.3 | 842.6 | 948.2 | 1021.0 | 1114.5 | 1218.9 |
| 37.5° | 573.8 | 586.8 | 609.6 | 634.6 | 671.8 | 710.3 | 763.4 | 858.2 | 936.9 | 1028.7 | 1135.6 |
| 40° | 537.8 | 554.2 | 571.2 | 599.1 | 629.5 | 666.5 | 718.7 | 789.2 | 879.6 | 969.5 | 1073.9 |
| 42.5° | 502.9 | 523.6 | 541.6 | 560.3 | 593.6 | 630.6 | 673.1 | 732.8 | 825.2 | 910.2 | 1011.7 |
| 45° | 460.7 | 474.1 | 492.9 | 513.6 | 540.9 | 572.4 | 610.1 | 662.3 | 750.9 | 824.3 | 919.7 |
| 47.5° | 411.7 | 431.3 | 443.5 | 463.7 | 489.6 | 519.8 | 554.8 | 599.9 | 671.6 | 740.5 | 828.9 |
| 50° | 378.2 | 398.2 | 415.8 | 434.0 | 457.1 | 486.2 | 515.4 | 559.1 | 616.8 | 689.0 | 771.6 |
| 52.5° | 349.5 | 367.2 | 384.3 | 402.5 | 425.1 | 451.8 | 479.4 | 517.8 | 567.2 | 633.7 | 713.8 |
| 55° | 310.2 | 321.2 | 338.7 | 357.0 | 377.0 | 402.5 | 429.2 | 461.4 | 503.8 | 559.7 | 624.6 |
| 57.5° | 269.9 | 282.5 | 296.5 | 314.8 | 335.1 | 354.7 | 378.7 | 407.8 | 441.3 | 491.9 | 547.5 |
| 60° | 247.1 | 256.7 | 268.3 | 287.2 | 305.9 | 323.5 | 346.7 | 370.9 | 402.5 | 446.2 | 493.5 |
| 62.5° | 221.8 | 231.1 | 241.6 | 258.0 | 276.3 | 292.5 | 312.6 | 338.3 | 365.1 | 404.9 | 446.4 |
| 65° | 179.7 | 193.1 | 203.4 | 217.9 | 233.1 | 250.1 | 265.9 | 286.5 | 310.2 | 341.7 | 378.8 |
| 67.5° | 149.0 | 155.7 | 165.3 | 178.6 | 194.2 | 208.7 | 223.6 | 239.8 | 260.3 | 284.7 | 314.1 |
| 70° | 135.4 | 137.8 | 139.7 | 152.3 | 166.9 | 181.5 | 195.5 | 210.6 | 228.2 | 248.3 | 273.8 |
| 72.5° | 119.4 | 121.8 | 124.1 | 129.5 | 141.2 | 155.7 | 170.2 | 181.5 | 198.1 | 214.8 | 235.4 |
| 75° | 94.7 | 98.3 | 100.1 | 103.2 | 107.4 | 117.2 | 130.6 | 141.4 | 151.1 | 163.9 | 180.3 |
| 77.5° | 72.1 | 74.1 | 76.1 | 79.3 | 82.0 | 86.4 | 94.0 | 103.8 | 112.9 | 120.3 | 131.6 |
| 80° | 57.0 | 57.7 | 60.1 | 61.3 | 65.0 | 68.0 | 71.6 | 79.5 | 88.6 | 91.7 | 99.6 |
| 82.5° | 43.0 | 43.6 | 45.6 | 46.7 | 48.5 | 51.0 | 55.6 | 57.7 | 64.8 | 68.8 | 73.8 |
| 85° | 23.7 | 23.1 | 24.9 | 24.9 | 26.1 | 27.3 | 28.5 | 31.5 | 33.4 | 38.3 | 39.5 |
| 87.5° | 13.4 | 13.5 | 13.9 | 12.8 | 11.5 | 11.5 | 11.4 | 11.6 | 12.1 | 12.9 | 14.3 |
| 90° | 30.3 | 31.3 | 30.3 | 24.9 | 18.4 | 13.8 | 11.0 | 9.2 | 7.4 | 3.6 | 1.0 |
| 92.5° | 101.1 | 119.6 | 118.0 | 91.8 | 62.6 | 41.7 | 33.1 | 26.9 | 22.8 | 16.2 | 11.2 |
| 95° | 315.7 | 360.8 | 319.3 | 212.5 | 132.5 | 90.2 | 68.1 | 53.4 | 45.1 | 35.9 | 32.2 |
| 97.5° | 646.0 | 615.8 | 463.8 | 286.4 | 174.8 | 121.7 | 96.6 | 79.7 | 67.2 | 57.4 | 52.4 |
| 100° | 859.5 | 727.0 | 500.6 | 301.8 | 189.6 | 140.8 | 115.0 | 96.6 | 81.9 | 73.6 | 70.8 |
| 102.5° | 939.1 | 730.7 | 486.6 | 302.6 | 202.8 | 157.7 | 132.0 | 112.8 | 98.1 | 89.8 | 87.8 |
| 105° | 926.7 | 681.9 | 459.2 | 307.4 | 225.5 | 182.2 | 156.5 | 136.2 | 122.4 | 116.0 | 112.3 |
| 107.5° | 845.9 | 629.6 | 445.6 | 320.0 | 248.7 | 206.7 | 180.8 | 160.7 | 148.0 | 141.7 | 138.8 |
| 110° | 795.1 | 604.6 | 442.7 | 330.3 | 264.1 | 223.6 | 196.9 | 177.6 | 165.6 | 160.1 | 156.5 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 759.8 | 588.4 | 443.4 | 341.4 | 278.8 | 239.8 | 212.4 | 193.8 | 182.6 | 176.3 | 172.6 |
| 115° | 716.0 | 570.5 | 447.3 | 358.0 | 301.8 | 262.3 | 237.4 | 219.0 | 207.9 | 202.5 | 197.9 |
| 117.5° | 688.3 | 561.9 | 453.8 | 375.7 | 323.0 | 286.4 | 260.6 | 243.0 | 233.2 | 227.7 | 224.0 |
| 120° | 673.6 | 556.7 | 458.3 | 387.5 | 337.7 | 301.8 | 276.1 | 257.7 | 249.4 | 243.8 | 240.2 |
| 122.5° | 661.1 | 553.8 | 463.4 | 397.8 | 351.7 | 318.1 | 291.5 | 273.1 | 264.1 | 258.6 | 255.6 |
| 125° | 643.3 | 548.5 | 471.2 | 414.2 | 372.7 | 339.6 | 313.8 | 295.4 | 284.4 | 278.8 | 276.1 |
| 127.5° | 626.7 | 545.3 | 479.1 | 429.4 | 392.2 | 360.0 | 333.5 | 315.8 | 303.7 | 296.0 | 292.2 |
| 130° | 615.7 | 543.8 | 485.0 | 438.9 | 404.0 | 371.8 | 346.0 | 327.6 | 314.7 | 305.5 | 301.8 |
| 132.5° | 606.8 | 543.1 | 490.8 | 448.5 | 414.3 | 383.6 | 357.8 | 338.7 | 325.0 | 315.1 | 310.7 |
| 135° | 594.5 | 542.0 | 497.9 | 461.1 | 428.8 | 399.4 | 373.6 | 352.4 | 338.7 | 327.6 | 323.9 |
| 137.5° | 585.8 | 541.9 | 504.1 | 470.6 | 440.6 | 411.5 | 387.6 | 366.6 | 351.9 | 340.9 | 336.4 |
| 140° | 580.7 | 541.1 | 507.1 | 475.8 | 447.3 | 419.6 | 395.7 | 375.5 | 360.8 | 349.7 | 346.0 |
| 142.5° | 575.5 | 541.1 | 509.3 | 480.2 | 452.4 | 425.6 | 403.1 | 383.6 | 368.8 | 358.5 | 355.6 |
| 145° | 568.7 | 539.2 | 511.7 | 485.9 | 460.1 | 435.3 | 415.0 | 396.6 | 382.9 | 373.6 | 369.9 |
| 147.5° | 561.7 | 536.0 | 512.4 | 489.0 | 466.4 | 443.0 | 425.0 | 409.7 | 397.0 | 388.2 | 385.4 |
| 150° | 555.8 | 533.8 | 511.7 | 490.5 | 469.4 | 448.1 | 431.6 | 417.8 | 405.8 | 398.5 | 395.7 |
| 152.5° | 550.6 | 530.0 | 510.2 | 491.2 | 472.3 | 453.3 | 438.2 | 425.2 | 414.6 | 407.3 | 406.0 |
| 155° | 541.1 | 523.6 | 507.9 | 492.3 | 476.7 | 461.1 | 447.3 | 437.1 | 427.0 | 421.4 | 420.6 |
| 157.5° | 532.1 | 517.0 | 503.7 | 492.3 | 479.8 | 466.6 | 455.0 | 446.9 | 438.1 | 433.6 | 432.7 |
| 160° | 525.5 | 512.6 | 501.5 | 492.3 | 481.3 | 470.2 | 460.1 | 452.7 | 445.4 | 441.7 | 440.8 |
| 162.5° | 519.6 | 508.9 | 499.3 | 491.6 | 482.0 | 472.5 | 464.5 | 457.9 | 452.0 | 448.4 | 448.9 |
| 165° | 509.8 | 501.5 | 495.1 | 489.6 | 483.2 | 474.8 | 469.4 | 464.7 | 459.2 | 457.4 | 458.3 |
| 167.5° | 500.3 | 495.1 | 490.8 | 488.3 | 482.9 | 476.9 | 473.4 | 470.1 | 466.6 | 464.9 | 466.0 |
| 170° | 495.1 | 491.4 | 488.6 | 486.8 | 482.2 | 477.6 | 474.8 | 473.0 | 470.2 | 469.4 | 471.2 |
| 172.5° | 490.0 | 487.0 | 485.7 | 484.6 | 481.5 | 478.3 | 476.3 | 475.2 | 472.5 | 473.0 | 474.1 |
| 175° | 483.2 | 482.2 | 481.3 | 482.2 | 480.4 | 478.6 | 477.6 | 477.6 | 475.8 | 476.7 | 477.6 |
| 177.5° | 479.3 | 478.6 | 479.3 | 480.8 | 479.3 | 478.6 | 478.6 | 478.6 | 477.1 | 477.8 | 479.3 |
| 180° | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5° | 1757.3 | 1758.7 | 1768.5 | 1772.8 | 1781.6 | 1784.9 | 1788.9 | 1787.9 | 1787.9 | 1789.9 | 1803.4 |
| 5° | 1761.1 | 1773.2 | 1791.4 | 1809.0 | 1826.1 | 1840.6 | 1850.3 | 1860.0 | 1863.7 | 1881.3 | 1897.0 |
| 7.5° | 1754.8 | 1777.1 | 1807.2 | 1834.1 | 1866.2 | 1891.3 | 1912.2 | 1931.0 | 1943.9 | 1969.5 | 1995.7 |
| 10° | 1746.5 | 1778.1 | 1812.0 | 1846.7 | 1890.9 | 1924.4 | 1958.4 | 1984.5 | 1993.0 | 2031.2 | 2053.1 |
| 12.5° | 1730.0 | 1772.3 | 1815.4 | 1860.3 | 1903.6 | 1949.6 | 1987.0 | 2013.1 | 2043.0 | 2077.3 | 2117.7 |
| 15° | 1705.3 | 1753.8 | 1810.2 | 1867.9 | 1929.8 | 1985.7 | 2025.8 | 2071.2 | 2104.0 | 2141.7 | 2176.9 |
| 17.5° | 1669.7 | 1732.2 | 1804.0 | 1870.7 | 1942.4 | 2002.3 | 2057.5 | 2101.1 | 2124.2 | 2145.7 | 2150.9 |
| 20° | 1641.5 | 1708.9 | 1793.3 | 1872.2 | 1943.8 | 2013.0 | 2067.6 | 2104.0 | 2110.1 | 2110.7 | 2078.5 |
| 22.5° | 1610.9 | 1687.0 | 1775.3 | 1856.2 | 1941.9 | 2018.8 | 2061.3 | 2076.9 | 2052.8 | 2011.7 | 1949.4 |
| 25° | 1554.7 | 1642.7 | 1745.3 | 1837.5 | 1931.0 | 2003.9 | 2018.5 | 1991.2 | 1906.8 | 1818.1 | 1705.8 |
| 27.5° | 1493.7 | 1592.7 | 1702.6 | 1805.2 | 1904.8 | 1950.0 | 1918.5 | 1820.0 | 1668.1 | 1536.0 | 1375.9 |
| 30° | 1449.1 | 1560.1 | 1668.2 | 1782.9 | 1875.2 | 1894.6 | 1822.4 | 1677.3 | 1500.0 | 1300.9 | 1141.3 |
| 32.5° | 1398.0 | 1514.5 | 1633.2 | 1751.8 | 1829.1 | 1810.1 | 1690.8 | 1512.2 | 1304.3 | 1108.6 | 957.7 |
| 35° | 1325.2 | 1445.4 | 1573.5 | 1692.5 | 1741.6 | 1659.7 | 1481.2 | 1248.7 | 1036.3 | 853.5 | 749.7 |
| 37.5° | 1241.0 | 1372.0 | 1505.1 | 1614.4 | 1610.9 | 1474.3 | 1231.2 | 991.2 | 812.6 | 704.6 | 630.6 |
| 40° | 1181.3 | 1313.7 | 1457.5 | 1549.8 | 1510.4 | 1332.5 | 1069.1 | 842.6 | 712.1 | 625.9 | 571.9 |
| 42.5° | 1124.0 | 1256.9 | 1399.8 | 1473.1 | 1404.5 | 1185.8 | 923.4 | 745.9 | 638.3 | 571.0 | 527.2 |
| 45° | 1026.5 | 1166.7 | 1299.1 | 1339.7 | 1217.1 | 976.1 | 746.7 | 618.0 | 546.4 | 496.5 | 466.2 |
| 47.5° | 931.2 | 1069.1 | 1189.9 | 1190.6 | 1024.8 | 791.6 | 629.9 | 534.8 | 473.6 | 435.1 | 413.0 |
| 50° | 872.9 | 1004.1 | 1105.4 | 1089.6 | 901.5 | 704.2 | 563.3 | 481.4 | 430.4 | 400.7 | 377.6 |
| 52.5° | 807.4 | 934.6 | 1022.4 | 977.5 | 797.1 | 619.6 | 503.6 | 434.7 | 392.5 | 366.6 | 346.0 |
| 55° | 712.1 | 825.0 | 886.9 | 818.9 | 650.1 | 515.4 | 425.6 | 371.5 | 339.9 | 318.1 | 300.5 |
| 57.5° | 618.5 | 711.6 | 750.6 | 671.4 | 535.5 | 427.4 | 360.0 | 319.4 | 288.1 | 272.4 | 263.3 |
| 60° | 559.7 | 639.2 | 666.5 | 579.2 | 465.6 | 373.9 | 318.7 | 281.1 | 258.0 | 247.7 | 238.6 |
| 62.5° | 501.9 | 566.9 | 578.1 | 498.0 | 405.9 | 327.3 | 279.9 | 248.0 | 232.7 | 222.9 | 214.3 |
| 65° | 416.5 | 463.2 | 457.7 | 393.4 | 321.2 | 259.8 | 225.2 | 205.8 | 194.2 | 180.3 | 165.1 |
| 67.5° | 342.9 | 371.4 | 354.2 | 305.9 | 245.1 | 201.9 | 179.4 | 164.6 | 150.3 | 137.0 | 133.6 |
| 70° | 296.3 | 312.6 | 294.5 | 250.1 | 200.9 | 169.4 | 151.1 | 133.6 | 125.1 | 122.0 | 116.5 |
| 72.5° | 251.6 | 257.3 | 237.6 | 199.6 | 163.5 | 140.2 | 122.5 | 112.6 | 108.1 | 105.5 | 102.0 |
| 75° | 188.8 | 184.6 | 167.5 | 137.8 | 113.5 | 97.8 | 92.3 | 88.6 | 85.6 | 83.2 | 81.4 |
| 77.5° | 132.6 | 126.4 | 111.2 | 91.8 | 79.1 | 71.5 | 68.2 | 66.3 | 64.8 | 63.6 | 61.8 |
| 80° | 99.6 | 95.3 | 80.2 | 65.6 | 60.1 | 56.5 | 54.7 | 52.2 | 52.2 | 51.0 | 49.2 |
| 82.5° | 72.9 | 68.1 | 54.9 | 48.1 | 45.1 | 42.9 | 41.5 | 40.1 | 39.6 | 39.8 | 38.5 |
| 85° | 38.3 | 31.0 | 27.3 | 26.1 | 24.3 | 23.1 | 23.7 | 22.5 | 22.5 | 22.5 | 21.9 |
| 87.5° | 12.4 | 10.7 | 10.6 | 10.5 | 11.5 | 12.4 | 13.2 | 14.3 | 15.0 | 14.3 | 14.7 |
| 90° | 3.6 | 7.4 | 9.2 | 11.0 | 13.8 | 18.4 | 24.9 | 30.3 | 31.3 | 30.3 | 29.5 |
| 92.5° | 16.2 | 22.8 | 26.9 | 33.1 | 41.7 | 62.6 | 91.8 | 118.0 | 119.6 | 101.1 | 80.2 |
| 95° | 35.9 | 45.1 | 53.4 | 68.1 | 90.2 | 132.5 | 212.5 | 319.3 | 360.8 | 315.7 | 241.1 |
| 97.5° | 57.4 | 67.2 | 79.7 | 96.6 | 121.7 | 174.8 | 286.4 | 463.8 | 615.8 | 646.0 | 562.6 |
| 100° | 73.6 | 81.9 | 96.6 | 115.0 | 140.8 | 189.6 | 301.8 | 500.6 | 727.0 | 859.5 | 840.2 |
| 102.5° | 89.8 | 98.1 | 112.8 | 132.0 | 157.7 | 202.8 | 302.6 | 486.6 | 730.7 | 939.1 | 1022.1 |
| 105° | 116.0 | 122.4 | 136.2 | 156.5 | 182.2 | 225.5 | 307.4 | 459.2 | 681.9 | 926.7 | 1118.1 |
| 107.5° | 141.7 | 148.0 | 160.7 | 180.8 | 206.7 | 248.7 | 320.0 | 445.6 | 629.6 | 845.9 | 1048.9 |
| 110° | 160.1 | 165.6 | 177.6 | 196.9 | 223.6 | 264.1 | 330.3 | 442.7 | 604.6 | 795.1 | 989.3 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 176.3 | 182.6 | 193.8 | 212.4 | 239.8 | 278.8 | 341.4 | 443.4 | 588.4 | 759.8 | 934.8 |
| 115° | 202.5 | 207.9 | 219.0 | 237.4 | 262.3 | 301.8 | 358.0 | 447.3 | 570.5 | 716.0 | 867.8 |
| 117.5° | 227.7 | 233.2 | 243.0 | 260.6 | 286.4 | 323.0 | 375.7 | 453.8 | 561.9 | 688.3 | 817.4 |
| 120° | 243.8 | 249.4 | 257.7 | 276.1 | 301.8 | 337.7 | 387.5 | 458.3 | 556.7 | 673.6 | 792.3 |
| 122.5° | 258.6 | 264.1 | 273.1 | 291.5 | 318.1 | 351.7 | 397.8 | 463.4 | 553.8 | 661.1 | 772.5 |
| 125° | 278.8 | 284.4 | 295.4 | 313.8 | 339.6 | 372.7 | 414.2 | 471.2 | 548.5 | 643.3 | 743.5 |
| 127.5° | 296.0 | 303.7 | 315.8 | 333.5 | 360.0 | 392.2 | 429.4 | 479.1 | 545.3 | 626.7 | 715.0 |
| 130° | 305.5 | 314.7 | 327.6 | 346.0 | 371.8 | 404.0 | 438.9 | 485.0 | 543.8 | 615.7 | 696.6 |
| 132.5° | 315.1 | 325.0 | 338.7 | 357.8 | 383.6 | 414.3 | 448.5 | 490.8 | 543.1 | 606.8 | 679.0 |
| 135° | 327.6 | 338.7 | 352.4 | 373.6 | 399.4 | 428.8 | 461.1 | 497.9 | 542.0 | 594.5 | 654.3 |
| 137.5° | 340.9 | 351.9 | 366.6 | 387.6 | 411.5 | 440.6 | 470.6 | 504.1 | 541.9 | 585.8 | 634.6 |
| 140° | 349.7 | 360.8 | 375.5 | 395.7 | 419.6 | 447.3 | 475.8 | 507.1 | 541.1 | 580.7 | 622.1 |
| 142.5° | 358.5 | 368.8 | 383.6 | 403.1 | 425.6 | 452.4 | 480.2 | 509.3 | 541.1 | 575.5 | 611.8 |
| 145° | 373.6 | 382.9 | 396.6 | 415.0 | 435.3 | 460.1 | 485.9 | 511.7 | 539.2 | 568.7 | 597.2 |
| 147.5° | 388.2 | 397.0 | 409.7 | 425.0 | 443.0 | 466.4 | 489.0 | 512.4 | 536.0 | 561.7 | 586.1 |
| 150° | 398.5 | 405.8 | 417.8 | 431.6 | 448.1 | 469.4 | 490.5 | 511.7 | 533.8 | 555.8 | 577.9 |
| 152.5° | 407.3 | 414.6 | 425.2 | 438.2 | 453.3 | 472.3 | 491.2 | 510.2 | 530.0 | 550.6 | 569.8 |
| 155° | 421.4 | 427.0 | 437.1 | 447.3 | 461.1 | 476.7 | 492.3 | 507.9 | 523.6 | 541.1 | 558.6 |
| 157.5° | 433.6 | 438.1 | 446.9 | 455.0 | 466.6 | 479.8 | 492.3 | 503.7 | 517.0 | 532.1 | 545.5 |
| 160° | 441.7 | 445.4 | 452.7 | 460.1 | 470.2 | 481.3 | 492.3 | 501.5 | 512.6 | 525.5 | 537.4 |
| 162.5° | 448.4 | 452.0 | 457.9 | 464.5 | 472.5 | 482.0 | 491.6 | 499.3 | 508.9 | 519.6 | 529.3 |
| 165° | 457.4 | 459.2 | 464.7 | 469.4 | 474.8 | 483.2 | 489.6 | 495.1 | 501.5 | 509.8 | 517.2 |
| 167.5° | 464.9 | 466.6 | 470.1 | 473.4 | 476.9 | 482.9 | 488.3 | 490.8 | 495.1 | 500.3 | 505.6 |
| 170° | 469.4 | 470.2 | 473.0 | 474.8 | 477.6 | 482.2 | 486.8 | 488.6 | 491.4 | 495.1 | 499.7 |
| 172.5° | 473.0 | 472.5 | 475.2 | 476.3 | 478.3 | 481.5 | 484.6 | 485.7 | 487.0 | 490.0 | 493.1 |
| 175° | 476.7 | 475.8 | 477.6 | 477.6 | 478.6 | 480.4 | 482.2 | 481.3 | 482.2 | 483.2 | 485.9 |
| 177.5° | 477.8 | 477.1 | 478.6 | 478.6 | 478.6 | 479.3 | 480.8 | 479.3 | 478.6 | 479.3 | 480.8 |
| 180° | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 | 1747.1 |
| 2.5° | 1808.3 | 1814.6 | 1817.5 | 1817.5 | 1820.9 | 1819.5 | 1818.0 |
| 5° | 1912.2 | 1923.7 | 1926.2 | 1937.1 | 1945.0 | 1942.6 | 1943.8 |
| 7.5° | 2015.5 | 2034.1 | 2052.5 | 2060.9 | 2062.1 | 2067.0 | 2068.9 |
| 10° | 2079.2 | 2094.4 | 2122.9 | 2118.6 | 2139.8 | 2152.0 | 2132.0 |
| 12.5° | 2140.3 | 2160.8 | 2180.6 | 2186.1 | 2198.1 | 2202.0 | 2194.1 |
| 15° | 2195.7 | 2206.6 | 2207.9 | 2204.8 | 2208.4 | 2205.4 | 2193.9 |
| 17.5° | 2144.0 | 2126.3 | 2090.3 | 2073.3 | 2059.8 | 2039.9 | 2031.9 |
| 20° | 2058.5 | 2006.3 | 1945.6 | 1921.4 | 1892.8 | 1836.9 | 1850.3 |
| 22.5° | 1874.0 | 1814.5 | 1753.8 | 1682.9 | 1649.0 | 1596.1 | 1592.9 |
| 25° | 1586.8 | 1484.2 | 1371.3 | 1292.4 | 1246.3 | 1193.5 | 1170.4 |
| 27.5° | 1233.7 | 1104.6 | 1012.1 | 965.2 | 922.6 | 880.7 | 879.0 |
| 30° | 1001.6 | 904.5 | 832.9 | 792.8 | 766.7 | 749.1 | 752.7 |
| 32.5° | 844.3 | 777.8 | 729.4 | 696.2 | 676.8 | 663.6 | 663.4 |
| 35° | 690.2 | 644.7 | 613.7 | 599.8 | 585.8 | 576.1 | 576.7 |
| 37.5° | 590.7 | 563.3 | 546.1 | 530.7 | 522.0 | 517.2 | 514.5 |
| 40° | 539.6 | 517.2 | 503.8 | 494.7 | 487.4 | 480.8 | 479.6 |
| 42.5° | 499.4 | 480.8 | 467.5 | 460.3 | 453.4 | 448.8 | 447.5 |
| 45° | 443.1 | 427.9 | 415.8 | 408.0 | 404.9 | 400.7 | 400.7 |
| 47.5° | 394.2 | 379.3 | 369.8 | 364.9 | 359.7 | 356.8 | 356.7 |
| 50° | 361.2 | 349.7 | 341.2 | 338.1 | 333.9 | 332.1 | 331.4 |
| 52.5° | 331.6 | 323.0 | 316.9 | 314.8 | 313.0 | 310.7 | 311.1 |
| 55° | 291.4 | 286.5 | 284.1 | 282.3 | 279.2 | 275.6 | 278.1 |
| 57.5° | 257.5 | 253.4 | 246.8 | 241.1 | 238.4 | 235.8 | 236.8 |
| 60° | 233.7 | 225.2 | 216.7 | 210.0 | 208.2 | 202.7 | 202.7 |
| 62.5° | 203.6 | 191.7 | 181.3 | 177.5 | 175.7 | 173.2 | 172.6 |
| 65° | 156.6 | 151.8 | 149.3 | 146.9 | 145.7 | 145.7 | 144.5 |
| 67.5° | 129.8 | 127.9 | 125.2 | 124.5 | 123.3 | 123.0 | 122.6 |
| 70° | 114.7 | 112.3 | 111.1 | 110.5 | 109.2 | 109.9 | 108.1 |
| 72.5° | 100.1 | 98.2 | 98.0 | 96.4 | 95.7 | 95.8 | 94.4 |
| 75° | 78.9 | 78.9 | 78.3 | 77.7 | 76.5 | 75.9 | 76.5 |
| 77.5° | 60.7 | 60.8 | 59.7 | 59.7 | 59.5 | 59.7 | 59.0 |
| 80° | 48.6 | 49.2 | 48.6 | 47.9 | 47.4 | 47.9 | 47.4 |
| 82.5° | 38.3 | 37.5 | 37.4 | 37.3 | 37.2 | 36.8 | 36.7 |
| 85° | 21.9 | 22.5 | 21.9 | 21.2 | 21.2 | 21.2 | 21.9 |
| 87.5° | 13.8 | 14.2 | 14.3 | 14.3 | 14.3 | 14.3 | 13.9 |
| 90° | 27.6 | 29.5 | 30.3 | 30.3 | 30.3 | 30.3 | 30.3 |
| 92.5° | 68.8 | 61.1 | 55.4 | 54.7 | 51.7 | 52.4 | 51.0 |
| 95° | 185.0 | 146.3 | 126.0 | 114.1 | 106.8 | 104.0 | 104.9 |
| 97.5° | 460.3 | 360.8 | 294.3 | 250.3 | 227.7 | 214.2 | 206.5 |
| 100° | 726.1 | 600.0 | 488.6 | 412.3 | 372.7 | 346.0 | 329.5 |
| 102.5° | 996.2 | 904.0 | 786.1 | 703.1 | 635.6 | 602.2 | 579.8 |
| 105° | 1222.1 | 1234.1 | 1203.7 | 1146.6 | 1089.6 | 1050.0 | 1037.1 |
| 107.5° | 1205.5 | 1301.2 | 1345.8 | 1353.0 | 1349.8 | 1341.9 | 1324.8 |
| 110° | 1154.0 | 1271.8 | 1347.3 | 1386.8 | 1404.3 | 1412.6 | 1411.7 |



TEST NUMBER: P331761-927

CATALOG NUMBER: SA2XXRDIP-C1005D1080U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1092.9 | 1218.8 | 1305.3 | 1360.3 | 1389.6 | 1405.3 | 1410.2 |
| 115° | 1009.6 | 1130.0 | 1224.9 | 1290.2 | 1332.5 | 1356.5 | 1364.8 |
| 117.5° | 941.8 | 1051.1 | 1140.0 | 1206.7 | 1251.3 | 1276.6 | 1283.6 |
| 120° | 906.4 | 1004.0 | 1087.7 | 1152.1 | 1195.4 | 1222.1 | 1231.3 |
| 122.5° | 877.0 | 969.4 | 1045.0 | 1102.8 | 1145.3 | 1169.1 | 1176.8 |
| 125° | 838.4 | 919.3 | 988.3 | 1041.7 | 1076.7 | 1099.7 | 1107.1 |
| 127.5° | 800.8 | 877.2 | 940.9 | 987.5 | 1020.2 | 1040.1 | 1046.0 |
| 130° | 775.8 | 848.5 | 909.2 | 954.3 | 985.6 | 1004.0 | 1011.4 |
| 132.5° | 752.3 | 819.0 | 876.1 | 920.4 | 951.7 | 968.7 | 975.3 |
| 135° | 715.0 | 775.8 | 827.3 | 866.9 | 897.2 | 913.8 | 917.5 |
| 137.5° | 685.4 | 733.6 | 778.6 | 814.6 | 840.7 | 855.3 | 860.8 |
| 140° | 666.3 | 708.6 | 749.1 | 778.6 | 802.5 | 816.3 | 821.8 |
| 142.5° | 649.4 | 685.8 | 719.6 | 747.6 | 769.4 | 781.6 | 782.8 |
| 145° | 627.6 | 656.2 | 682.9 | 704.9 | 720.6 | 729.8 | 732.5 |
| 147.5° | 610.0 | 632.2 | 651.7 | 669.9 | 682.5 | 688.7 | 690.4 |
| 150° | 598.2 | 617.5 | 634.1 | 647.8 | 658.9 | 664.4 | 665.4 |
| 152.5° | 588.6 | 605.0 | 619.3 | 630.2 | 639.8 | 643.8 | 644.0 |
| 155° | 573.3 | 587.1 | 597.2 | 607.4 | 613.8 | 617.5 | 615.7 |
| 157.5° | 557.9 | 569.4 | 577.3 | 584.6 | 589.9 | 591.5 | 591.5 |
| 160° | 547.6 | 557.7 | 564.1 | 570.5 | 575.1 | 576.1 | 576.1 |
| 162.5° | 538.0 | 546.6 | 551.6 | 558.0 | 561.2 | 562.1 | 561.3 |
| 165° | 523.6 | 530.0 | 533.8 | 537.4 | 541.1 | 541.1 | 540.2 |
| 167.5° | 510.6 | 515.0 | 518.3 | 519.9 | 522.0 | 521.8 | 520.7 |
| 170° | 502.5 | 506.1 | 507.9 | 508.9 | 511.7 | 510.7 | 508.9 |
| 172.5° | 495.1 | 498.0 | 499.2 | 500.1 | 501.4 | 500.4 | 499.3 |
| 175° | 486.8 | 487.7 | 488.6 | 488.6 | 489.6 | 488.6 | 486.8 |
| 177.5° | 480.8 | 481.5 | 481.5 | 481.5 | 481.5 | 480.8 | 479.3 |
| 180° | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 | 478.6 |

(END OF REPORT)