

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: P333011-930

Luminaire Tested: **SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P333011-930
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-C1195D1205U930-4F0-1E-UDD-A4
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1205 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

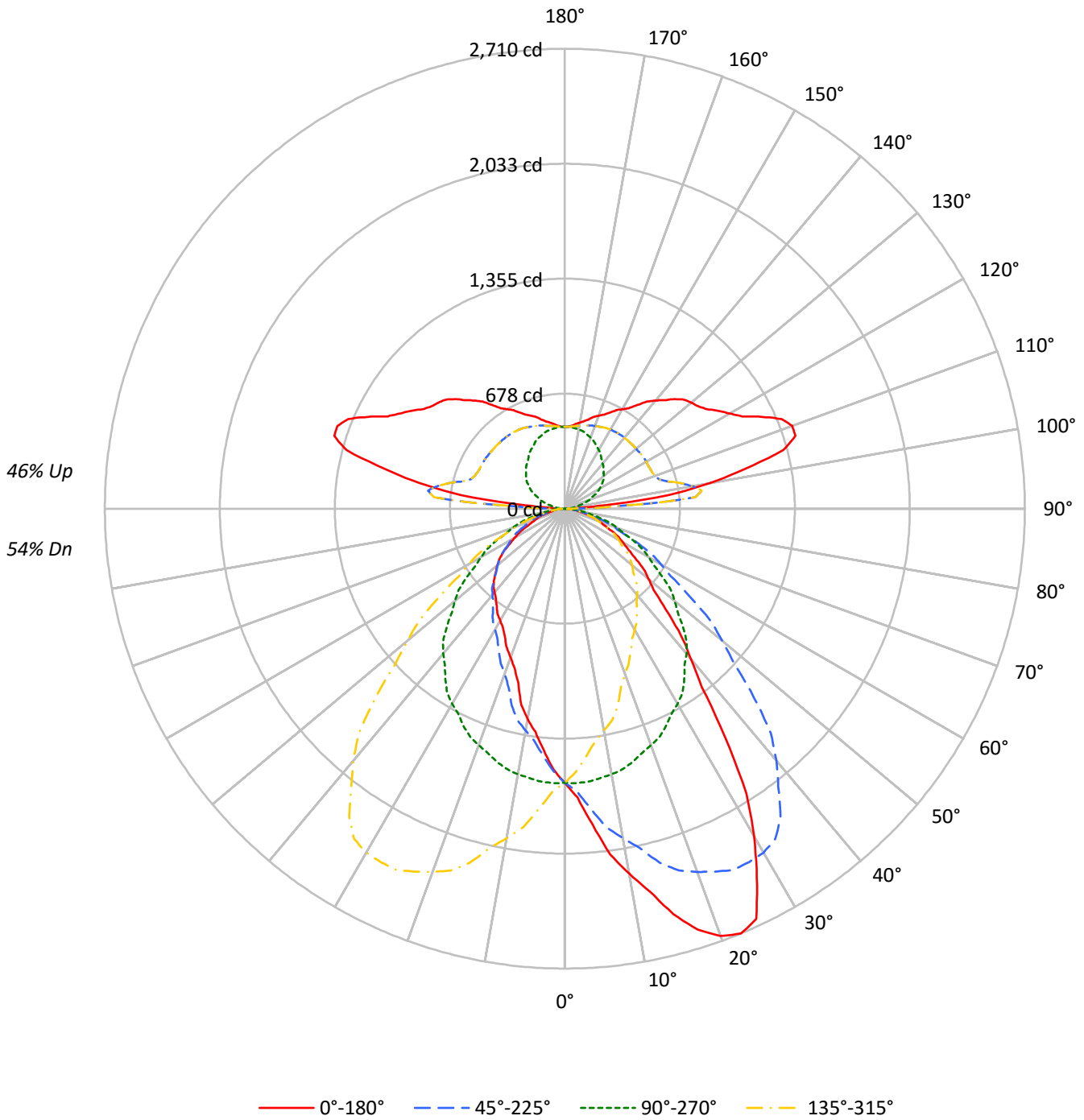
Lumens per Lamp: N/A
Luminaire Lumens: 7593.7 lumens
Efficiency: N/A
Efficacy: 105.9 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 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: P333011-930
CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-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 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 85 | 85 | 85 | 72 | 72 | 72 | 60 | 60 | 60 | 54 |
| 1 | 99 | 95 | 91 | 88 | 92 | 88 | 85 | 82 | 76 | 73 | 71 | 64 | 63 | 61 | 53 | 52 | 51 | 46 |
| 2 | 91 | 84 | 78 | 73 | 84 | 78 | 73 | 68 | 67 | 63 | 60 | 57 | 54 | 52 | 48 | 46 | 44 | 40 |
| 3 | 83 | 74 | 67 | 61 | 77 | 69 | 63 | 58 | 59 | 55 | 51 | 51 | 47 | 44 | 43 | 40 | 38 | 34 |
| 4 | 76 | 66 | 58 | 52 | 70 | 61 | 54 | 49 | 53 | 48 | 44 | 45 | 42 | 38 | 38 | 35 | 33 | 30 |
| 5 | 70 | 59 | 51 | 45 | 65 | 55 | 48 | 43 | 48 | 42 | 38 | 41 | 37 | 33 | 35 | 32 | 29 | 26 |
| 6 | 65 | 53 | 45 | 39 | 60 | 49 | 42 | 37 | 43 | 38 | 33 | 37 | 33 | 30 | 32 | 28 | 26 | 23 |
| 7 | 60 | 48 | 40 | 34 | 56 | 45 | 38 | 33 | 39 | 34 | 30 | 34 | 30 | 26 | 29 | 26 | 23 | 21 |
| 8 | 56 | 44 | 36 | 31 | 52 | 41 | 34 | 29 | 36 | 30 | 26 | 31 | 27 | 24 | 27 | 23 | 21 | 18 |
| 9 | 52 | 40 | 32 | 27 | 48 | 37 | 31 | 26 | 33 | 27 | 24 | 29 | 24 | 21 | 25 | 21 | 19 | 17 |
| 10 | 49 | 37 | 29 | 25 | 45 | 34 | 28 | 24 | 30 | 25 | 21 | 27 | 22 | 19 | 23 | 20 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 13043 | 13043 | 13043 | 13043 |
| 5° | 15129 | 13083 | 11563 | 13083 |
| 10° | 17898 | 13025 | 10320 | 13025 |
| 15° | 20674 | 12904 | 8868 | 12904 |
| 20° | 23018 | 12740 | 8019 | 12740 |
| 25° | 23762 | 12577 | 7445 | 12577 |
| 30° | 20801 | 12379 | 7100 | 12379 |
| 35° | 16192 | 12086 | 6890 | 12086 |
| 40° | 12142 | 11751 | 6777 | 11751 |
| 45° | 9587 | 11215 | 6719 | 11215 |
| 50° | 8093 | 10595 | 6523 | 10595 |
| 55° | 7054 | 9913 | 6175 | 9913 |
| 60° | 6347 | 9206 | 5465 | 9206 |
| 65° | 5595 | 8443 | 4701 | 8443 |
| 70° | 5039 | 7652 | 4242 | 7652 |
| 75° | 4223 | 6781 | 3615 | 6781 |
| 80° | 3570 | 5779 | 3389 | 5779 |
| 85° | 3010 | 4520 | 3010 | 4520 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 156.5 | 2.1 |
| 10°-20° | 472.2 | 6.2 |
| 20°-30° | 738.6 | 9.7 |
| 30°-40° | 821.0 | 10.8 |
| 40°-50° | 728.5 | 9.6 |
| 50°-60° | 567.6 | 7.5 |
| 60°-70° | 371.6 | 4.9 |
| 70°-80° | 182.8 | 2.4 |
| 80°-90° | 47.8 | 0.6 |
| 90°-100° | 348.3 | 4.6 |
| 100°-110° | 724.9 | 9.5 |
| 110°-120° | 649.3 | 8.6 |
| 120°-130° | 546.2 | 7.2 |
| 130°-140° | 455.4 | 6.0 |
| 140°-150° | 347.9 | 4.6 |
| 150°-160° | 244.5 | 3.2 |
| 160°-170° | 143.8 | 1.9 |
| 170°-180° | 46.8 | 0.6 |
| 0°-30° | 1367.3 | 18.0 |
| 0°-40° | 2188.4 | 28.8 |
| 0°-60° | 3484.5 | 45.9 |
| 0°-90° | 4086.6 | 53.8 |
| 90°-120° | 1722.5 | 22.7 |
| 90°-150° | 3071.9 | 40.5 |
| 90°-180° | 3507.0 | 46.2 |
| 0°-180° | 7593.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1616 | 1616 | 1616 | 1616 | 1616 | |
| 5° | 1867 | 1614 | 1427 | 1614 | 1867 | 189 |
| 15° | 2474 | 1544 | 1061 | 1544 | 2474 | 703 |
| 25° | 2668 | 1412 | 836 | 1412 | 2668 | 1183 |
| 35° | 1643 | 1226 | 699 | 1226 | 1643 | 1030 |
| 45° | 840 | 982 | 588 | 982 | 840 | 665 |
| 55° | 501 | 704 | 439 | 704 | 501 | 456 |
| 65° | 293 | 442 | 246 | 442 | 293 | 295 |
| 75° | 135 | 217 | 116 | 217 | 135 | 149 |
| 85° | 32 | 49 | 32 | 49 | 32 | 37 |
| 90° | 20 | 1 | 20 | 1 | 20 | 18 |
| 95° | 231 | 31 | 231 | 31 | 231 | 359 |
| 105° | 1333 | 111 | 1333 | 111 | 1333 | 1318 |
| 115° | 1280 | 195 | 1280 | 195 | 1280 | 1271 |
| 125° | 1021 | 272 | 1021 | 272 | 1021 | 928 |
| 135° | 913 | 323 | 913 | 323 | 913 | 705 |
| 145° | 746 | 372 | 746 | 372 | 746 | 473 |
| 155° | 624 | 424 | 624 | 424 | 624 | 291 |
| 165° | 545 | 461 | 545 | 461 | 545 | 156 |
| 175° | 491 | 481 | 491 | 481 | 491 | 48 |
| 180° | 482 | 482 | 482 | 482 | 482 | |



TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1704.1 | 1708.9 | 1704.1 | 1703.6 | 1698.4 | 1696.9 | 1694.8 | 1688.0 | 1675.5 | 1668.3 | 1669.8 |
| 5° | 1866.9 | 1883.2 | 1874.0 | 1872.7 | 1858.5 | 1844.1 | 1835.0 | 1814.2 | 1792.0 | 1777.1 | 1764.7 |
| 7.5° | 2055.1 | 2064.5 | 2058.8 | 2049.7 | 2026.5 | 2013.4 | 1992.3 | 1964.8 | 1925.1 | 1894.8 | 1867.0 |
| 10° | 2183.3 | 2191.0 | 2188.5 | 2171.5 | 2154.6 | 2120.1 | 2100.6 | 2062.2 | 2012.1 | 1972.4 | 1935.3 |
| 12.5° | 2309.3 | 2317.7 | 2294.7 | 2295.5 | 2263.4 | 2236.3 | 2205.3 | 2157.0 | 2099.1 | 2047.9 | 2001.4 |
| 15° | 2473.6 | 2463.2 | 2463.2 | 2450.1 | 2414.3 | 2376.6 | 2344.7 | 2293.9 | 2221.0 | 2159.8 | 2095.4 |
| 17.5° | 2602.2 | 2605.9 | 2600.5 | 2569.8 | 2541.7 | 2502.6 | 2444.2 | 2384.9 | 2317.2 | 2235.1 | 2169.2 |
| 20° | 2679.3 | 2679.3 | 2673.4 | 2652.6 | 2616.1 | 2574.5 | 2511.4 | 2446.9 | 2360.9 | 2278.3 | 2204.1 |
| 22.5° | 2710.5 | 2712.6 | 2705.7 | 2688.5 | 2655.8 | 2615.1 | 2561.3 | 2495.9 | 2407.3 | 2314.2 | 2222.3 |
| 25° | 2667.6 | 2680.0 | 2681.2 | 2676.7 | 2666.9 | 2642.1 | 2596.0 | 2528.9 | 2449.5 | 2348.6 | 2249.7 |
| 27.5° | 2449.1 | 2464.7 | 2478.4 | 2500.9 | 2530.9 | 2546.5 | 2548.5 | 2514.5 | 2445.2 | 2348.1 | 2248.5 |
| 30° | 2231.4 | 2244.4 | 2286.8 | 2342.1 | 2385.1 | 2424.1 | 2458.0 | 2467.1 | 2428.0 | 2340.8 | 2236.0 |
| 32.5° | 1989.8 | 2007.5 | 2049.8 | 2109.3 | 2180.9 | 2247.0 | 2323.1 | 2361.8 | 2360.9 | 2308.5 | 2211.5 |
| 35° | 1643.0 | 1656.0 | 1695.1 | 1757.5 | 1843.5 | 1941.8 | 2062.2 | 2155.9 | 2219.7 | 2215.2 | 2155.9 |
| 37.5° | 1325.0 | 1339.8 | 1379.2 | 1431.0 | 1514.3 | 1636.1 | 1752.6 | 1881.7 | 1999.7 | 2066.0 | 2046.2 |
| 40° | 1152.2 | 1152.8 | 1191.2 | 1244.6 | 1322.7 | 1428.8 | 1555.8 | 1698.9 | 1830.4 | 1937.9 | 1958.7 |
| 42.5° | 1015.7 | 1015.9 | 1041.2 | 1098.8 | 1155.0 | 1254.9 | 1376.1 | 1518.3 | 1672.2 | 1796.2 | 1851.4 |
| 45° | 839.7 | 845.5 | 866.4 | 900.9 | 945.2 | 1029.8 | 1126.7 | 1258.9 | 1431.4 | 1578.5 | 1670.3 |
| 47.5° | 711.1 | 719.7 | 733.0 | 761.1 | 796.4 | 852.7 | 932.9 | 1051.7 | 1192.0 | 1353.8 | 1484.4 |
| 50° | 644.4 | 645.7 | 662.7 | 678.2 | 708.9 | 753.8 | 824.1 | 923.0 | 1051.9 | 1207.5 | 1352.7 |
| 52.5° | 587.2 | 586.9 | 597.0 | 616.9 | 641.7 | 676.7 | 733.4 | 823.5 | 937.8 | 1077.3 | 1227.2 |
| 55° | 501.2 | 504.5 | 512.3 | 527.9 | 546.8 | 571.5 | 616.4 | 684.1 | 774.0 | 893.1 | 1029.2 |
| 57.5° | 435.9 | 437.6 | 443.7 | 450.3 | 467.7 | 485.6 | 519.3 | 566.3 | 642.1 | 739.6 | 866.4 |
| 60° | 393.1 | 393.8 | 395.7 | 405.5 | 419.2 | 436.1 | 458.9 | 498.6 | 562.4 | 651.6 | 751.9 |
| 62.5° | 351.5 | 352.7 | 355.7 | 362.8 | 373.4 | 385.1 | 409.0 | 440.8 | 493.7 | 569.8 | 660.1 |
| 65° | 292.9 | 293.6 | 298.2 | 300.8 | 309.2 | 319.6 | 337.2 | 358.7 | 395.1 | 458.9 | 527.3 |
| 67.5° | 244.8 | 244.8 | 245.0 | 248.5 | 254.4 | 261.3 | 271.8 | 289.0 | 316.5 | 355.7 | 416.0 |
| 70° | 213.5 | 213.5 | 214.8 | 216.8 | 220.0 | 225.8 | 231.7 | 244.8 | 265.0 | 296.9 | 343.1 |
| 72.5° | 184.3 | 184.8 | 186.1 | 186.5 | 188.3 | 193.1 | 197.4 | 205.7 | 220.7 | 244.8 | 282.1 |
| 75° | 135.4 | 137.4 | 140.6 | 143.2 | 146.4 | 145.8 | 150.3 | 155.6 | 160.1 | 174.5 | 195.9 |
| 77.5° | 100.8 | 99.7 | 100.1 | 102.3 | 102.7 | 103.4 | 106.6 | 110.6 | 114.1 | 120.8 | 128.5 |
| 80° | 76.8 | 76.8 | 78.8 | 79.4 | 78.8 | 79.4 | 82.7 | 84.6 | 85.9 | 88.5 | 95.7 |
| 82.5° | 58.0 | 59.1 | 58.5 | 59.1 | 59.5 | 60.2 | 62.9 | 63.3 | 64.6 | 65.6 | 68.6 |
| 85° | 32.5 | 33.2 | 33.8 | 32.5 | 32.5 | 32.5 | 33.8 | 34.5 | 35.8 | 35.1 | 36.4 |
| 87.5° | 15.4 | 14.9 | 15.7 | 15.4 | 15.7 | 15.2 | 15.6 | 16.5 | 15.2 | 15.9 | 15.5 |
| 90° | 19.9 | 19.9 | 20.9 | 19.9 | 18.9 | 18.9 | 18.0 | 17.0 | 16.1 | 17.0 | 15.2 |
| 92.5° | 73.0 | 73.0 | 76.1 | 81.3 | 92.5 | 111.5 | 140.0 | 186.1 | 250.3 | 300.5 | 263.0 |
| 95° | 231.1 | 243.4 | 260.6 | 289.9 | 336.3 | 428.2 | 555.1 | 702.0 | 793.9 | 772.1 | 582.6 |
| 97.5° | 617.9 | 637.6 | 666.0 | 723.0 | 791.1 | 890.0 | 982.6 | 1037.2 | 997.4 | 813.3 | 545.3 |
| 100° | 868.8 | 876.4 | 904.7 | 962.5 | 1045.0 | 1115.1 | 1161.5 | 1142.6 | 1004.2 | 761.7 | 494.6 |
| 102.5° | 1087.0 | 1093.1 | 1123.0 | 1164.9 | 1215.4 | 1244.6 | 1231.2 | 1137.3 | 947.4 | 697.2 | 460.4 |
| 105° | 1332.9 | 1338.6 | 1351.9 | 1359.5 | 1357.6 | 1318.7 | 1225.0 | 1061.0 | 844.1 | 621.5 | 431.0 |
| 107.5° | 1424.3 | 1421.8 | 1412.3 | 1390.7 | 1343.9 | 1259.5 | 1127.4 | 952.8 | 760.8 | 579.0 | 425.7 |
| 110° | 1425.8 | 1417.3 | 1400.2 | 1360.4 | 1293.1 | 1189.0 | 1051.6 | 887.7 | 719.1 | 564.7 | 427.3 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 112.5° | 1381.1 | 1367.3 | 1343.4 | 1295.3 | 1218.9 | 1114.7 | 984.9 | 839.9 | 695.5 | 557.8 | 431.8 |
| 115° | 1279.9 | 1272.4 | 1242.0 | 1185.2 | 1110.4 | 1019.4 | 908.6 | 792.0 | 673.6 | 554.2 | 440.5 |
| 117.5° | 1177.4 | 1171.5 | 1140.8 | 1093.1 | 1029.2 | 952.1 | 865.0 | 768.5 | 663.7 | 553.3 | 449.8 |
| 120° | 1119.8 | 1109.4 | 1084.8 | 1043.1 | 989.0 | 921.8 | 846.0 | 757.9 | 658.4 | 553.3 | 456.6 |
| 122.5° | 1074.3 | 1063.9 | 1043.1 | 1007.5 | 961.8 | 902.9 | 833.9 | 748.8 | 652.4 | 552.5 | 463.5 |
| 125° | 1021.2 | 1015.6 | 997.6 | 970.1 | 932.2 | 880.1 | 814.7 | 733.3 | 642.3 | 551.4 | 473.7 |
| 127.5° | 990.2 | 984.6 | 969.4 | 944.9 | 906.9 | 857.4 | 792.2 | 714.3 | 628.8 | 549.3 | 481.8 |
| 130° | 972.0 | 966.3 | 951.1 | 927.5 | 888.7 | 838.5 | 774.0 | 699.2 | 620.5 | 548.5 | 487.9 |
| 132.5° | 951.5 | 945.8 | 931.5 | 904.7 | 866.7 | 816.4 | 753.6 | 683.2 | 612.9 | 547.8 | 493.2 |
| 135° | 913.3 | 907.6 | 892.4 | 865.9 | 828.0 | 780.6 | 722.8 | 661.3 | 601.6 | 546.7 | 501.2 |
| 137.5° | 865.9 | 859.1 | 846.6 | 820.4 | 785.0 | 742.2 | 693.5 | 641.4 | 591.7 | 546.4 | 505.9 |
| 140° | 831.8 | 824.2 | 811.0 | 790.1 | 756.9 | 717.1 | 674.5 | 630.0 | 586.4 | 545.7 | 509.7 |
| 142.5° | 795.4 | 790.1 | 778.4 | 759.0 | 729.7 | 695.2 | 658.6 | 619.4 | 581.9 | 545.7 | 512.7 |
| 145° | 745.6 | 740.9 | 731.4 | 715.3 | 691.6 | 665.0 | 636.7 | 604.5 | 574.1 | 543.8 | 514.5 |
| 147.5° | 701.4 | 699.8 | 692.5 | 678.7 | 661.3 | 640.4 | 617.7 | 592.2 | 567.1 | 540.4 | 515.4 |
| 150° | 676.5 | 675.5 | 669.8 | 657.5 | 642.3 | 625.3 | 606.3 | 584.6 | 561.8 | 538.1 | 515.4 |
| 152.5° | 653.7 | 652.7 | 649.3 | 639.3 | 626.4 | 612.4 | 594.9 | 576.2 | 555.7 | 534.3 | 513.9 |
| 155° | 624.4 | 624.4 | 621.5 | 613.9 | 604.5 | 593.0 | 578.9 | 563.7 | 546.7 | 528.6 | 511.6 |
| 157.5° | 598.6 | 598.6 | 596.9 | 591.2 | 584.0 | 574.9 | 563.0 | 550.2 | 537.4 | 522.8 | 509.2 |
| 160° | 582.6 | 582.6 | 581.7 | 576.0 | 570.3 | 562.7 | 552.3 | 541.9 | 530.5 | 518.2 | 506.9 |
| 162.5° | 567.4 | 568.3 | 567.3 | 561.6 | 557.4 | 550.7 | 542.5 | 533.5 | 524.5 | 513.6 | 504.6 |
| 165° | 544.8 | 545.7 | 546.7 | 542.8 | 539.1 | 534.3 | 527.7 | 522.0 | 514.5 | 506.9 | 500.2 |
| 167.5° | 526.8 | 527.5 | 527.7 | 525.2 | 523.3 | 520.5 | 515.2 | 510.9 | 505.3 | 500.0 | 495.7 |
| 170° | 515.4 | 515.4 | 516.3 | 515.4 | 513.5 | 510.6 | 506.9 | 504.0 | 499.3 | 495.5 | 492.6 |
| 172.5° | 504.0 | 505.5 | 506.5 | 505.5 | 504.3 | 502.3 | 500.0 | 497.9 | 494.0 | 490.9 | 489.6 |
| 175° | 490.7 | 492.6 | 494.6 | 492.6 | 492.6 | 492.6 | 490.7 | 489.8 | 487.9 | 486.0 | 486.0 |
| 177.5° | 483.0 | 484.5 | 486.0 | 485.3 | 486.0 | 485.3 | 485.3 | 484.5 | 483.7 | 483.0 | 483.0 |
| 180° | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 |



TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1664.6 | 1657.3 | 1653.7 | 1645.4 | 1635.4 | 1630.2 | 1625.5 | 1618.8 | 1609.9 | 1600.5 | 1593.7 |
| 5° | 1749.1 | 1733.5 | 1713.9 | 1690.5 | 1669.7 | 1649.5 | 1631.9 | 1614.4 | 1594.2 | 1573.4 | 1552.5 |
| 7.5° | 1835.8 | 1805.1 | 1771.9 | 1733.5 | 1696.1 | 1662.2 | 1630.8 | 1600.9 | 1567.1 | 1536.8 | 1509.1 |
| 10° | 1896.2 | 1854.6 | 1808.3 | 1759.5 | 1710.7 | 1668.3 | 1626.7 | 1588.9 | 1547.3 | 1510.2 | 1479.0 |
| 12.5° | 1945.1 | 1896.2 | 1840.6 | 1779.8 | 1721.1 | 1669.9 | 1622.0 | 1572.8 | 1525.4 | 1485.2 | 1443.6 |
| 15° | 2026.3 | 1959.3 | 1884.5 | 1811.6 | 1735.4 | 1665.7 | 1601.3 | 1544.0 | 1490.0 | 1433.4 | 1393.7 |
| 17.5° | 2082.3 | 2002.7 | 1911.7 | 1824.1 | 1734.1 | 1652.0 | 1577.6 | 1509.4 | 1447.1 | 1389.3 | 1342.0 |
| 20° | 2115.5 | 2027.6 | 1926.8 | 1827.2 | 1726.3 | 1638.4 | 1558.4 | 1482.9 | 1418.4 | 1355.9 | 1307.1 |
| 22.5° | 2134.3 | 2037.0 | 1926.8 | 1822.5 | 1718.0 | 1622.8 | 1534.9 | 1456.3 | 1386.1 | 1323.6 | 1269.6 |
| 25° | 2140.3 | 2036.1 | 1923.5 | 1803.8 | 1689.2 | 1588.3 | 1497.1 | 1411.9 | 1333.7 | 1271.3 | 1214.0 |
| 27.5° | 2132.0 | 2009.3 | 1894.0 | 1771.1 | 1652.9 | 1546.5 | 1450.8 | 1361.2 | 1283.0 | 1215.9 | 1157.2 |
| 30° | 2119.5 | 1987.9 | 1864.3 | 1736.8 | 1616.9 | 1514.7 | 1413.8 | 1328.0 | 1246.6 | 1176.9 | 1117.7 |
| 32.5° | 2092.4 | 1961.9 | 1828.9 | 1698.2 | 1576.9 | 1471.5 | 1375.8 | 1289.4 | 1209.6 | 1138.4 | 1075.5 |
| 35° | 2038.7 | 1906.6 | 1762.1 | 1628.0 | 1508.9 | 1399.5 | 1309.7 | 1226.4 | 1150.2 | 1074.1 | 1007.6 |
| 37.5° | 1968.1 | 1833.0 | 1689.3 | 1542.5 | 1423.2 | 1320.0 | 1237.5 | 1159.4 | 1085.0 | 1015.5 | 941.9 |
| 40° | 1901.4 | 1778.4 | 1629.9 | 1484.2 | 1361.8 | 1262.2 | 1186.0 | 1115.1 | 1040.2 | 971.2 | 897.6 |
| 42.5° | 1820.7 | 1715.9 | 1565.9 | 1419.6 | 1298.8 | 1202.8 | 1131.9 | 1062.5 | 994.4 | 927.5 | 850.8 |
| 45° | 1686.0 | 1606.5 | 1465.9 | 1325.4 | 1203.6 | 1108.6 | 1043.5 | 982.3 | 922.3 | 858.6 | 786.4 |
| 47.5° | 1531.5 | 1477.7 | 1356.4 | 1212.4 | 1099.8 | 1014.3 | 951.5 | 901.4 | 850.8 | 787.0 | 723.6 |
| 50° | 1424.2 | 1389.8 | 1272.6 | 1141.1 | 1033.7 | 955.0 | 890.5 | 843.6 | 801.3 | 740.1 | 683.5 |
| 52.5° | 1309.7 | 1291.4 | 1192.4 | 1066.7 | 962.9 | 885.7 | 830.6 | 788.4 | 745.6 | 694.8 | 641.8 |
| 55° | 1135.2 | 1145.0 | 1061.0 | 952.4 | 854.7 | 789.6 | 739.5 | 704.3 | 667.9 | 624.9 | 583.9 |
| 57.5° | 956.9 | 992.5 | 936.2 | 840.7 | 749.3 | 689.1 | 651.3 | 621.7 | 591.2 | 555.5 | 520.5 |
| 60° | 850.1 | 880.0 | 848.2 | 764.2 | 684.1 | 628.2 | 593.0 | 570.2 | 539.6 | 507.1 | 480.4 |
| 62.5° | 746.0 | 778.0 | 759.1 | 691.3 | 616.9 | 568.8 | 537.8 | 516.6 | 493.8 | 465.5 | 437.7 |
| 65° | 615.1 | 635.9 | 626.9 | 580.0 | 527.3 | 486.2 | 457.6 | 442.0 | 421.2 | 400.3 | 375.6 |
| 67.5° | 471.2 | 511.4 | 506.1 | 481.2 | 435.6 | 403.6 | 384.8 | 371.0 | 352.0 | 336.6 | 319.8 |
| 70° | 387.3 | 424.4 | 423.8 | 403.6 | 378.9 | 348.9 | 335.9 | 324.2 | 307.2 | 292.3 | 278.6 |
| 72.5° | 317.0 | 351.0 | 356.0 | 340.6 | 323.7 | 301.0 | 288.5 | 280.5 | 264.0 | 253.7 | 242.6 |
| 75° | 222.0 | 246.7 | 253.2 | 253.2 | 245.4 | 233.7 | 222.7 | 217.4 | 205.7 | 196.6 | 190.0 |
| 77.5° | 145.5 | 161.2 | 171.3 | 173.7 | 174.9 | 171.0 | 161.8 | 158.2 | 149.2 | 145.9 | 139.7 |
| 80° | 102.8 | 113.2 | 125.0 | 128.9 | 132.2 | 130.9 | 126.9 | 124.3 | 115.9 | 112.6 | 110.0 |
| 82.5° | 71.1 | 76.8 | 86.4 | 95.1 | 94.1 | 97.5 | 94.1 | 92.0 | 85.7 | 84.5 | 81.9 |
| 85° | 37.1 | 37.7 | 39.1 | 44.9 | 48.2 | 49.5 | 50.1 | 48.8 | 46.9 | 46.9 | 42.3 |
| 87.5° | 15.2 | 14.6 | 14.5 | 14.5 | 14.8 | 16.8 | 17.8 | 17.9 | 16.7 | 15.7 | 14.3 |
| 90° | 13.3 | 13.3 | 7.6 | 7.6 | 6.6 | 5.7 | 2.9 | 1.0 | 2.9 | 5.7 | 6.6 |
| 92.5° | 191.4 | 117.9 | 69.7 | 50.1 | 36.2 | 24.6 | 15.7 | 10.8 | 15.7 | 24.6 | 36.2 |
| 95° | 356.2 | 200.8 | 118.5 | 78.6 | 55.9 | 43.6 | 34.1 | 31.2 | 34.1 | 43.6 | 55.9 |
| 97.5° | 320.2 | 191.9 | 128.5 | 95.1 | 75.6 | 64.2 | 56.1 | 56.1 | 56.1 | 64.2 | 75.6 |
| 100° | 301.3 | 194.2 | 138.4 | 108.0 | 90.0 | 78.6 | 72.0 | 72.0 | 72.0 | 78.6 | 90.0 |
| 102.5° | 296.0 | 201.8 | 151.2 | 122.4 | 105.2 | 94.6 | 88.7 | 87.2 | 88.7 | 94.6 | 105.2 |
| 105° | 298.4 | 219.8 | 174.3 | 146.8 | 129.8 | 118.5 | 113.7 | 110.9 | 113.7 | 118.5 | 129.8 |
| 107.5° | 312.4 | 240.8 | 199.2 | 172.0 | 155.7 | 143.7 | 138.8 | 137.0 | 138.8 | 143.7 | 155.7 |
| 110° | 323.0 | 256.7 | 215.1 | 189.5 | 172.4 | 161.0 | 156.3 | 154.4 | 156.3 | 161.0 | 172.4 |



TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 334.4 | 271.9 | 231.7 | 206.2 | 189.1 | 178.5 | 173.0 | 171.1 | 173.0 | 178.5 | 189.1 |
| 115° | 352.5 | 295.5 | 257.7 | 232.1 | 214.1 | 204.6 | 198.0 | 195.2 | 198.0 | 204.6 | 214.1 |
| 117.5° | 370.8 | 318.5 | 282.5 | 256.0 | 239.1 | 228.7 | 222.8 | 220.1 | 222.8 | 228.7 | 239.1 |
| 120° | 383.7 | 334.4 | 298.4 | 271.9 | 255.8 | 245.4 | 238.7 | 236.8 | 238.7 | 245.4 | 255.8 |
| 122.5° | 395.8 | 349.6 | 313.6 | 287.8 | 270.2 | 260.6 | 253.9 | 252.0 | 253.9 | 260.6 | 270.2 |
| 125° | 414.0 | 370.4 | 336.3 | 309.8 | 291.8 | 281.4 | 275.7 | 271.9 | 275.7 | 281.4 | 291.8 |
| 127.5° | 429.7 | 389.7 | 356.8 | 330.0 | 311.3 | 299.4 | 292.5 | 289.5 | 292.5 | 299.4 | 311.3 |
| 130° | 439.6 | 402.7 | 370.4 | 342.9 | 325.0 | 310.7 | 303.1 | 299.4 | 303.1 | 310.7 | 325.0 |
| 132.5° | 449.5 | 413.3 | 381.1 | 355.1 | 335.6 | 322.1 | 312.3 | 309.2 | 312.3 | 322.1 | 335.6 |
| 135° | 462.4 | 428.2 | 397.0 | 372.3 | 352.5 | 336.3 | 326.9 | 323.0 | 326.9 | 336.3 | 352.5 |
| 137.5° | 471.4 | 439.6 | 410.4 | 386.9 | 366.2 | 350.9 | 340.5 | 336.9 | 340.5 | 350.9 | 366.2 |
| 140° | 477.4 | 447.2 | 418.7 | 396.0 | 376.1 | 360.0 | 349.6 | 346.7 | 349.6 | 360.0 | 376.1 |
| 142.5° | 482.0 | 454.0 | 426.3 | 404.3 | 385.2 | 369.8 | 360.2 | 357.3 | 360.2 | 369.8 | 385.2 |
| 145° | 487.0 | 461.4 | 436.8 | 415.9 | 397.9 | 384.7 | 375.2 | 372.3 | 375.2 | 384.7 | 397.9 |
| 147.5° | 491.3 | 469.0 | 445.8 | 427.1 | 412.1 | 398.4 | 390.1 | 389.1 | 390.1 | 398.4 | 412.1 |
| 150° | 493.6 | 472.7 | 451.9 | 433.9 | 419.7 | 408.3 | 400.7 | 399.8 | 400.7 | 408.3 | 419.7 |
| 152.5° | 495.1 | 475.8 | 457.2 | 440.8 | 428.0 | 417.4 | 409.9 | 409.6 | 409.9 | 417.4 | 428.0 |
| 155° | 496.4 | 480.3 | 464.2 | 450.0 | 439.6 | 430.1 | 424.4 | 423.5 | 424.4 | 430.1 | 439.6 |
| 157.5° | 496.4 | 483.6 | 469.9 | 458.7 | 449.6 | 442.2 | 436.9 | 436.9 | 436.9 | 442.2 | 449.6 |
| 160° | 496.4 | 485.0 | 473.7 | 463.3 | 455.7 | 449.1 | 445.2 | 445.2 | 445.2 | 449.1 | 455.7 |
| 162.5° | 496.4 | 486.6 | 476.0 | 467.8 | 461.0 | 455.1 | 452.1 | 452.8 | 452.1 | 455.1 | 461.0 |
| 165° | 494.6 | 487.0 | 478.4 | 472.7 | 468.0 | 463.3 | 461.4 | 461.4 | 461.4 | 463.3 | 468.0 |
| 167.5° | 492.3 | 486.7 | 480.5 | 476.1 | 473.5 | 469.9 | 469.0 | 469.9 | 469.0 | 469.9 | 473.5 |
| 170° | 490.7 | 486.0 | 481.3 | 478.4 | 476.5 | 473.7 | 472.7 | 473.7 | 472.7 | 473.7 | 476.5 |
| 172.5° | 489.3 | 485.3 | 482.0 | 480.0 | 478.8 | 476.7 | 476.5 | 477.4 | 476.5 | 476.7 | 478.8 |
| 175° | 487.0 | 484.1 | 482.2 | 482.2 | 481.3 | 480.3 | 480.3 | 481.3 | 480.3 | 480.3 | 481.3 |
| 177.5° | 484.5 | 483.0 | 482.2 | 482.2 | 482.2 | 481.4 | 482.2 | 483.0 | 482.2 | 481.4 | 482.2 |
| 180° | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 |



TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1586.5 | 1581.3 | 1574.5 | 1566.7 | 1557.3 | 1549.0 | 1545.3 | 1548.5 | 1550.0 | 1545.9 | 1545.3 |
| 5° | 1538.1 | 1521.9 | 1508.9 | 1489.4 | 1473.7 | 1460.7 | 1451.6 | 1447.7 | 1449.0 | 1438.6 | 1436.0 |
| 7.5° | 1483.9 | 1464.6 | 1443.2 | 1420.1 | 1398.5 | 1379.3 | 1369.3 | 1363.8 | 1352.8 | 1348.1 | 1340.2 |
| 10° | 1449.0 | 1422.9 | 1402.2 | 1374.8 | 1350.1 | 1327.3 | 1316.2 | 1307.1 | 1296.0 | 1290.8 | 1279.8 |
| 12.5° | 1413.1 | 1382.8 | 1359.9 | 1331.5 | 1306.3 | 1278.9 | 1268.3 | 1251.4 | 1234.0 | 1223.1 | 1208.9 |
| 15° | 1362.4 | 1326.0 | 1298.0 | 1264.1 | 1234.2 | 1203.0 | 1174.9 | 1143.7 | 1132.0 | 1107.3 | 1092.9 |
| 17.5° | 1303.2 | 1266.2 | 1231.6 | 1186.2 | 1140.0 | 1101.1 | 1071.3 | 1041.4 | 1023.4 | 1007.6 | 1000.4 |
| 20° | 1264.1 | 1230.3 | 1182.1 | 1129.4 | 1078.0 | 1035.0 | 1010.9 | 991.4 | 971.8 | 960.8 | 953.0 |
| 22.5° | 1227.2 | 1183.9 | 1128.0 | 1071.1 | 1019.6 | 986.0 | 965.6 | 945.6 | 929.7 | 919.2 | 908.7 |
| 25° | 1165.2 | 1108.6 | 1049.3 | 984.2 | 949.1 | 919.8 | 897.6 | 881.3 | 871.6 | 857.9 | 852.7 |
| 27.5° | 1101.6 | 1032.9 | 967.6 | 923.8 | 887.2 | 860.4 | 841.1 | 828.9 | 816.5 | 807.8 | 801.0 |
| 30° | 1052.6 | 982.9 | 924.3 | 882.6 | 845.5 | 823.5 | 807.8 | 793.5 | 783.7 | 776.6 | 771.4 |
| 32.5° | 1004.1 | 934.5 | 885.3 | 840.5 | 811.2 | 789.6 | 772.9 | 762.2 | 754.6 | 745.3 | 742.2 |
| 35° | 934.1 | 872.3 | 829.3 | 789.0 | 759.0 | 739.5 | 726.4 | 715.4 | 708.9 | 706.3 | 704.3 |
| 37.5° | 866.8 | 816.1 | 770.0 | 736.9 | 710.2 | 694.8 | 679.5 | 674.0 | 669.5 | 664.9 | 667.0 |
| 40° | 824.1 | 776.6 | 735.6 | 700.4 | 678.9 | 662.0 | 652.9 | 646.4 | 642.5 | 642.5 | 642.5 |
| 42.5° | 787.1 | 740.6 | 700.7 | 669.2 | 647.7 | 633.4 | 623.2 | 617.8 | 616.4 | 616.0 | 619.1 |
| 45° | 729.7 | 686.7 | 646.4 | 620.4 | 602.1 | 587.8 | 582.0 | 577.4 | 577.4 | 580.0 | 580.7 |
| 47.5° | 672.8 | 632.6 | 600.1 | 571.0 | 554.3 | 545.4 | 540.3 | 537.9 | 538.2 | 540.8 | 543.8 |
| 50° | 637.9 | 598.2 | 566.3 | 540.3 | 524.6 | 516.2 | 511.6 | 510.4 | 511.6 | 511.6 | 516.2 |
| 52.5° | 599.9 | 564.4 | 533.0 | 511.1 | 493.4 | 485.5 | 483.0 | 481.2 | 481.9 | 484.0 | 486.0 |
| 55° | 544.2 | 512.3 | 482.3 | 461.5 | 448.5 | 443.3 | 437.4 | 438.1 | 436.8 | 438.1 | 438.1 |
| 57.5° | 488.4 | 459.7 | 431.9 | 415.3 | 403.8 | 396.3 | 389.9 | 391.8 | 389.8 | 389.6 | 388.5 |
| 60° | 452.4 | 421.2 | 399.0 | 384.1 | 371.0 | 364.5 | 358.7 | 360.0 | 358.0 | 356.7 | 354.1 |
| 62.5° | 413.4 | 387.3 | 366.2 | 351.8 | 341.4 | 333.8 | 327.9 | 326.6 | 322.1 | 317.6 | 311.9 |
| 65° | 356.7 | 335.3 | 316.3 | 302.7 | 292.9 | 287.1 | 282.5 | 278.6 | 268.8 | 258.4 | 253.2 |
| 67.5° | 301.7 | 286.2 | 268.6 | 257.0 | 249.1 | 241.4 | 232.7 | 226.0 | 216.9 | 211.2 | 207.9 |
| 70° | 266.2 | 251.3 | 236.3 | 225.2 | 216.8 | 209.6 | 199.8 | 195.3 | 188.7 | 186.1 | 183.0 |
| 72.5° | 232.4 | 218.4 | 204.6 | 194.5 | 185.5 | 179.9 | 172.3 | 167.7 | 164.9 | 163.8 | 160.5 |
| 75° | 181.0 | 169.9 | 159.5 | 150.3 | 143.2 | 139.3 | 136.1 | 132.8 | 131.5 | 125.6 | 122.4 |
| 77.5° | 132.0 | 124.7 | 118.2 | 111.7 | 106.6 | 104.0 | 97.8 | 94.0 | 91.8 | 89.0 | 88.4 |
| 80° | 102.8 | 97.7 | 91.2 | 87.2 | 80.1 | 77.5 | 74.8 | 74.2 | 73.5 | 72.9 | 72.2 |
| 82.5° | 77.4 | 72.2 | 65.6 | 63.3 | 61.3 | 59.8 | 58.2 | 57.6 | 56.9 | 57.3 | 57.2 |
| 85° | 39.1 | 36.4 | 36.4 | 35.8 | 35.1 | 34.5 | 33.8 | 33.8 | 33.2 | 33.8 | 33.2 |
| 87.5° | 14.5 | 14.0 | 15.2 | 14.1 | 15.0 | 15.4 | 14.7 | 14.8 | 15.6 | 14.8 | 14.8 |
| 90° | 7.6 | 7.6 | 13.3 | 13.3 | 15.2 | 17.0 | 16.1 | 17.0 | 18.0 | 18.9 | 18.9 |
| 92.5° | 50.1 | 69.7 | 117.9 | 191.4 | 263.0 | 300.5 | 250.3 | 186.1 | 140.0 | 111.5 | 92.5 |
| 95° | 78.6 | 118.5 | 200.8 | 356.2 | 582.6 | 772.1 | 793.9 | 702.0 | 555.1 | 428.2 | 336.3 |
| 97.5° | 95.1 | 128.5 | 191.9 | 320.2 | 545.3 | 813.3 | 997.4 | 1037.2 | 982.6 | 890.0 | 791.1 |
| 100° | 108.0 | 138.4 | 194.2 | 301.3 | 494.6 | 761.7 | 1004.2 | 1142.6 | 1161.5 | 1115.1 | 1045.0 |
| 102.5° | 122.4 | 151.2 | 201.8 | 296.0 | 460.4 | 697.2 | 947.4 | 1137.3 | 1231.2 | 1244.6 | 1215.4 |
| 105° | 146.8 | 174.3 | 219.8 | 298.4 | 431.0 | 621.5 | 844.1 | 1061.0 | 1225.0 | 1318.7 | 1357.6 |
| 107.5° | 172.0 | 199.2 | 240.8 | 312.4 | 425.7 | 579.0 | 760.8 | 952.8 | 1127.4 | 1259.5 | 1343.9 |
| 110° | 189.5 | 215.1 | 256.7 | 323.0 | 427.3 | 564.7 | 719.1 | 887.7 | 1051.6 | 1189.0 | 1293.1 |



TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 206.2 | 231.7 | 271.9 | 334.4 | 431.8 | 557.8 | 695.5 | 839.9 | 984.9 | 1114.7 | 1218.9 |
| 115° | 232.1 | 257.7 | 295.5 | 352.5 | 440.5 | 554.2 | 673.6 | 792.0 | 908.6 | 1019.4 | 1110.4 |
| 117.5° | 256.0 | 282.5 | 318.5 | 370.8 | 449.8 | 553.3 | 663.7 | 768.5 | 865.0 | 952.1 | 1029.2 |
| 120° | 271.9 | 298.4 | 334.4 | 383.7 | 456.6 | 553.3 | 658.4 | 757.9 | 846.0 | 921.8 | 989.0 |
| 122.5° | 287.8 | 313.6 | 349.6 | 395.8 | 463.5 | 552.5 | 652.4 | 748.8 | 833.9 | 902.9 | 961.8 |
| 125° | 309.8 | 336.3 | 370.4 | 414.0 | 473.7 | 551.4 | 642.3 | 733.3 | 814.7 | 880.1 | 932.2 |
| 127.5° | 330.0 | 356.8 | 389.7 | 429.7 | 481.8 | 549.3 | 628.8 | 714.3 | 792.2 | 857.4 | 906.9 |
| 130° | 342.9 | 370.4 | 402.7 | 439.6 | 487.9 | 548.5 | 620.5 | 699.2 | 774.0 | 838.5 | 888.7 |
| 132.5° | 355.1 | 381.1 | 413.3 | 449.5 | 493.2 | 547.8 | 612.9 | 683.2 | 753.6 | 816.4 | 866.7 |
| 135° | 372.3 | 397.0 | 428.2 | 462.4 | 501.2 | 546.7 | 601.6 | 661.3 | 722.8 | 780.6 | 828.0 |
| 137.5° | 386.9 | 410.4 | 439.6 | 471.4 | 505.9 | 546.4 | 591.7 | 641.4 | 693.5 | 742.2 | 785.0 |
| 140° | 396.0 | 418.7 | 447.2 | 477.4 | 509.7 | 545.7 | 586.4 | 630.0 | 674.5 | 717.1 | 756.9 |
| 142.5° | 404.3 | 426.3 | 454.0 | 482.0 | 512.7 | 545.7 | 581.9 | 619.4 | 658.6 | 695.2 | 729.7 |
| 145° | 415.9 | 436.8 | 461.4 | 487.0 | 514.5 | 543.8 | 574.1 | 604.5 | 636.7 | 665.0 | 691.6 |
| 147.5° | 427.1 | 445.8 | 469.0 | 491.3 | 515.4 | 540.4 | 567.1 | 592.2 | 617.7 | 640.4 | 661.3 |
| 150° | 433.9 | 451.9 | 472.7 | 493.6 | 515.4 | 538.1 | 561.8 | 584.6 | 606.3 | 625.3 | 642.3 |
| 152.5° | 440.8 | 457.2 | 475.8 | 495.1 | 513.9 | 534.3 | 555.7 | 576.2 | 594.9 | 612.4 | 626.4 |
| 155° | 450.0 | 464.2 | 480.3 | 496.4 | 511.6 | 528.6 | 546.7 | 563.7 | 578.9 | 593.0 | 604.5 |
| 157.5° | 458.7 | 469.9 | 483.6 | 496.4 | 509.2 | 522.8 | 537.4 | 550.2 | 563.0 | 574.9 | 584.0 |
| 160° | 463.3 | 473.7 | 485.0 | 496.4 | 506.9 | 518.2 | 530.5 | 541.9 | 552.3 | 562.7 | 570.3 |
| 162.5° | 467.8 | 476.0 | 486.6 | 496.4 | 504.6 | 513.6 | 524.5 | 533.5 | 542.5 | 550.7 | 557.4 |
| 165° | 472.7 | 478.4 | 487.0 | 494.6 | 500.2 | 506.9 | 514.5 | 522.0 | 527.7 | 534.3 | 539.1 |
| 167.5° | 476.1 | 480.5 | 486.7 | 492.3 | 495.7 | 500.0 | 505.3 | 510.9 | 515.2 | 520.5 | 523.3 |
| 170° | 478.4 | 481.3 | 486.0 | 490.7 | 492.6 | 495.5 | 499.3 | 504.0 | 506.9 | 510.6 | 513.5 |
| 172.5° | 480.0 | 482.0 | 485.3 | 489.3 | 489.6 | 490.9 | 494.0 | 497.9 | 500.0 | 502.3 | 504.3 |
| 175° | 482.2 | 482.2 | 484.1 | 487.0 | 486.0 | 486.0 | 487.9 | 489.8 | 490.7 | 492.6 | 492.6 |
| 177.5° | 482.2 | 482.2 | 483.0 | 484.5 | 483.0 | 483.0 | 483.7 | 484.5 | 485.3 | 485.3 | 486.0 |
| 180° | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 |



TEST NUMBER: P333011-930
 CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1542.2 | 1543.3 | 1539.6 | 1538.6 | 1539.6 | 1543.3 | 1542.2 | 1545.3 | 1545.9 | 1550.0 | 1548.5 |
| 5° | 1430.8 | 1429.5 | 1426.2 | 1426.9 | 1426.2 | 1429.5 | 1430.8 | 1436.0 | 1438.6 | 1449.0 | 1447.7 |
| 7.5° | 1335.5 | 1330.4 | 1331.8 | 1326.7 | 1331.8 | 1330.4 | 1335.5 | 1340.2 | 1348.1 | 1352.8 | 1363.8 |
| 10° | 1277.2 | 1270.0 | 1264.1 | 1258.9 | 1264.1 | 1270.0 | 1277.2 | 1279.8 | 1290.8 | 1296.0 | 1307.1 |
| 12.5° | 1197.5 | 1191.3 | 1183.4 | 1185.0 | 1183.4 | 1191.3 | 1197.5 | 1208.9 | 1223.1 | 1234.0 | 1251.4 |
| 15° | 1084.4 | 1074.7 | 1059.1 | 1061.0 | 1059.1 | 1074.7 | 1084.4 | 1092.9 | 1107.3 | 1132.0 | 1143.7 |
| 17.5° | 988.8 | 988.9 | 981.8 | 983.4 | 981.8 | 988.9 | 988.8 | 1000.4 | 1007.6 | 1023.4 | 1041.4 |
| 20° | 939.3 | 934.7 | 935.4 | 933.4 | 935.4 | 934.7 | 939.3 | 953.0 | 960.8 | 971.8 | 991.4 |
| 22.5° | 904.9 | 899.4 | 894.8 | 890.7 | 894.8 | 899.4 | 904.9 | 908.7 | 919.2 | 929.7 | 945.6 |
| 25° | 846.9 | 842.9 | 837.1 | 835.8 | 837.1 | 842.9 | 846.9 | 852.7 | 857.9 | 871.6 | 881.3 |
| 27.5° | 795.8 | 795.1 | 792.7 | 789.7 | 792.7 | 795.1 | 795.8 | 801.0 | 807.8 | 816.5 | 828.9 |
| 30° | 766.1 | 764.8 | 763.5 | 761.6 | 763.5 | 764.8 | 766.1 | 771.4 | 776.6 | 783.7 | 793.5 |
| 32.5° | 739.6 | 738.8 | 737.5 | 737.7 | 737.5 | 738.8 | 739.6 | 742.2 | 745.3 | 754.6 | 762.2 |
| 35° | 701.7 | 701.1 | 699.8 | 699.1 | 699.8 | 701.1 | 701.7 | 704.3 | 706.3 | 708.9 | 715.4 |
| 37.5° | 666.3 | 668.0 | 667.2 | 667.1 | 667.2 | 668.0 | 666.3 | 667.0 | 664.9 | 669.5 | 674.0 |
| 40° | 641.8 | 642.5 | 643.8 | 643.1 | 643.8 | 642.5 | 641.8 | 642.5 | 642.5 | 642.5 | 646.4 |
| 42.5° | 621.5 | 621.7 | 623.5 | 621.3 | 623.5 | 621.7 | 621.5 | 619.1 | 616.0 | 616.4 | 617.8 |
| 45° | 585.2 | 589.1 | 588.5 | 588.5 | 588.5 | 589.1 | 585.2 | 580.7 | 580.0 | 577.4 | 577.4 |
| 47.5° | 545.5 | 548.9 | 549.8 | 549.7 | 549.8 | 548.9 | 545.5 | 543.8 | 540.8 | 538.2 | 537.9 |
| 50° | 519.4 | 518.1 | 520.1 | 519.4 | 520.1 | 518.1 | 519.4 | 516.2 | 511.6 | 511.6 | 510.4 |
| 52.5° | 487.7 | 488.0 | 487.8 | 487.1 | 487.8 | 488.0 | 487.7 | 486.0 | 484.0 | 481.9 | 481.2 |
| 55° | 438.7 | 439.4 | 438.1 | 438.7 | 438.1 | 439.4 | 438.7 | 438.1 | 438.1 | 436.8 | 438.1 |
| 57.5° | 385.6 | 382.5 | 383.8 | 382.2 | 383.8 | 382.5 | 385.6 | 388.5 | 389.6 | 389.8 | 391.8 |
| 60° | 347.6 | 342.4 | 341.1 | 338.5 | 341.1 | 342.4 | 347.6 | 354.1 | 356.7 | 358.0 | 360.0 |
| 62.5° | 304.9 | 301.3 | 296.9 | 298.9 | 296.9 | 301.3 | 304.9 | 311.9 | 317.6 | 322.1 | 326.6 |
| 65° | 248.0 | 245.4 | 243.4 | 246.1 | 243.4 | 245.4 | 248.0 | 253.2 | 258.4 | 268.8 | 278.6 |
| 67.5° | 205.3 | 203.9 | 203.9 | 202.6 | 203.9 | 203.9 | 205.3 | 207.9 | 211.2 | 216.9 | 226.0 |
| 70° | 183.0 | 181.0 | 181.0 | 179.7 | 181.0 | 181.0 | 183.0 | 183.0 | 186.1 | 188.7 | 195.3 |
| 72.5° | 160.0 | 158.1 | 158.6 | 157.8 | 158.6 | 158.1 | 160.0 | 160.5 | 163.8 | 164.9 | 167.7 |
| 75° | 118.5 | 115.2 | 115.2 | 115.9 | 115.2 | 115.2 | 118.5 | 122.4 | 125.6 | 131.5 | 132.8 |
| 77.5° | 88.4 | 87.7 | 88.6 | 87.5 | 88.6 | 87.7 | 88.4 | 88.4 | 89.0 | 91.8 | 94.0 |
| 80° | 72.2 | 71.6 | 70.9 | 72.9 | 70.9 | 71.6 | 72.2 | 72.2 | 72.9 | 73.5 | 74.2 |
| 82.5° | 56.1 | 56.0 | 55.8 | 58.3 | 55.8 | 56.0 | 56.1 | 57.2 | 57.3 | 56.9 | 57.6 |
| 85° | 33.8 | 32.5 | 33.8 | 32.5 | 33.8 | 32.5 | 33.8 | 33.2 | 33.8 | 33.2 | 33.8 |
| 87.5° | 16.0 | 15.7 | 14.9 | 15.4 | 14.9 | 15.7 | 16.0 | 14.8 | 14.8 | 15.6 | 14.8 |
| 90° | 19.9 | 20.9 | 19.9 | 19.9 | 19.9 | 20.9 | 19.9 | 18.9 | 18.9 | 18.0 | 17.0 |
| 92.5° | 81.3 | 76.1 | 73.0 | 73.0 | 73.0 | 76.1 | 81.3 | 92.5 | 111.5 | 140.0 | 186.1 |
| 95° | 289.9 | 260.6 | 243.4 | 231.1 | 243.4 | 260.6 | 289.9 | 336.3 | 428.2 | 555.1 | 702.0 |
| 97.5° | 723.0 | 666.0 | 637.6 | 617.9 | 637.6 | 666.0 | 723.0 | 791.1 | 890.0 | 982.6 | 1037.2 |
| 100° | 962.5 | 904.7 | 876.4 | 868.8 | 876.4 | 904.7 | 962.5 | 1045.0 | 1115.1 | 1161.5 | 1142.6 |
| 102.5° | 1164.9 | 1123.0 | 1093.1 | 1087.0 | 1093.1 | 1123.0 | 1164.9 | 1215.4 | 1244.6 | 1231.2 | 1137.3 |
| 105° | 1359.5 | 1351.9 | 1338.6 | 1332.9 | 1338.6 | 1351.9 | 1359.5 | 1357.6 | 1318.7 | 1225.0 | 1061.0 |
| 107.5° | 1390.7 | 1412.3 | 1421.8 | 1424.3 | 1421.8 | 1412.3 | 1390.7 | 1343.9 | 1259.5 | 1127.4 | 952.8 |
| 110° | 1360.4 | 1400.2 | 1417.3 | 1425.8 | 1417.3 | 1400.2 | 1360.4 | 1293.1 | 1189.0 | 1051.6 | 887.7 |



TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 1295.3 | 1343.4 | 1367.3 | 1381.1 | 1367.3 | 1343.4 | 1295.3 | 1218.9 | 1114.7 | 984.9 | 839.9 |
| 115° | 1185.2 | 1242.0 | 1272.4 | 1279.9 | 1272.4 | 1242.0 | 1185.2 | 1110.4 | 1019.4 | 908.6 | 792.0 |
| 117.5° | 1093.1 | 1140.8 | 1171.5 | 1177.4 | 1171.5 | 1140.8 | 1093.1 | 1029.2 | 952.1 | 865.0 | 768.5 |
| 120° | 1043.1 | 1084.8 | 1109.4 | 1119.8 | 1109.4 | 1084.8 | 1043.1 | 989.0 | 921.8 | 846.0 | 757.9 |
| 122.5° | 1007.5 | 1043.1 | 1063.9 | 1074.3 | 1063.9 | 1043.1 | 1007.5 | 961.8 | 902.9 | 833.9 | 748.8 |
| 125° | 970.1 | 997.6 | 1015.6 | 1021.2 | 1015.6 | 997.6 | 970.1 | 932.2 | 880.1 | 814.7 | 733.3 |
| 127.5° | 944.9 | 969.4 | 984.6 | 990.2 | 984.6 | 969.4 | 944.9 | 906.9 | 857.4 | 792.2 | 714.3 |
| 130° | 927.5 | 951.1 | 966.3 | 972.0 | 966.3 | 951.1 | 927.5 | 888.7 | 838.5 | 774.0 | 699.2 |
| 132.5° | 904.7 | 931.5 | 945.8 | 951.5 | 945.8 | 931.5 | 904.7 | 866.7 | 816.4 | 753.6 | 683.2 |
| 135° | 865.9 | 892.4 | 907.6 | 913.3 | 907.6 | 892.4 | 865.9 | 828.0 | 780.6 | 722.8 | 661.3 |
| 137.5° | 820.4 | 846.6 | 859.1 | 865.9 | 859.1 | 846.6 | 820.4 | 785.0 | 742.2 | 693.5 | 641.4 |
| 140° | 790.1 | 811.0 | 824.2 | 831.8 | 824.2 | 811.0 | 790.1 | 756.9 | 717.1 | 674.5 | 630.0 |
| 142.5° | 759.0 | 778.4 | 790.1 | 795.4 | 790.1 | 778.4 | 759.0 | 729.7 | 695.2 | 658.6 | 619.4 |
| 145° | 715.3 | 731.4 | 740.9 | 745.6 | 740.9 | 731.4 | 715.3 | 691.6 | 665.0 | 636.7 | 604.5 |
| 147.5° | 678.7 | 692.5 | 699.8 | 701.4 | 699.8 | 692.5 | 678.7 | 661.3 | 640.4 | 617.7 | 592.2 |
| 150° | 657.5 | 669.8 | 675.5 | 676.5 | 675.5 | 669.8 | 657.5 | 642.3 | 625.3 | 606.3 | 584.6 |
| 152.5° | 639.3 | 649.3 | 652.7 | 653.7 | 652.7 | 649.3 | 639.3 | 626.4 | 612.4 | 594.9 | 576.2 |
| 155° | 613.9 | 621.5 | 624.4 | 624.4 | 624.4 | 621.5 | 613.9 | 604.5 | 593.0 | 578.9 | 563.7 |
| 157.5° | 591.2 | 596.9 | 598.6 | 598.6 | 598.6 | 596.9 | 591.2 | 584.0 | 574.9 | 563.0 | 550.2 |
| 160° | 576.0 | 581.7 | 582.6 | 582.6 | 582.6 | 581.7 | 576.0 | 570.3 | 562.7 | 552.3 | 541.9 |
| 162.5° | 561.6 | 567.3 | 568.3 | 567.4 | 568.3 | 567.3 | 561.6 | 557.4 | 550.7 | 542.5 | 533.5 |
| 165° | 542.8 | 546.7 | 545.7 | 544.8 | 545.7 | 546.7 | 542.8 | 539.1 | 534.3 | 527.7 | 522.0 |
| 167.5° | 525.2 | 527.7 | 527.5 | 526.8 | 527.5 | 527.7 | 525.2 | 523.3 | 520.5 | 515.2 | 510.9 |
| 170° | 515.4 | 516.3 | 515.4 | 515.4 | 515.4 | 516.3 | 515.4 | 513.5 | 510.6 | 506.9 | 504.0 |
| 172.5° | 505.5 | 506.5 | 505.5 | 504.0 | 505.5 | 506.5 | 505.5 | 504.3 | 502.3 | 500.0 | 497.9 |
| 175° | 492.6 | 494.6 | 492.6 | 490.7 | 492.6 | 494.6 | 492.6 | 492.6 | 492.6 | 490.7 | 489.8 |
| 177.5° | 485.3 | 486.0 | 484.5 | 483.0 | 484.5 | 486.0 | 485.3 | 486.0 | 485.3 | 485.3 | 484.5 |
| 180° | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 |



TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1545.3 | 1549.0 | 1557.3 | 1566.7 | 1574.5 | 1581.3 | 1586.5 | 1593.7 | 1600.5 | 1609.9 | 1618.8 |
| 5° | 1451.6 | 1460.7 | 1473.7 | 1489.4 | 1508.9 | 1521.9 | 1538.1 | 1552.5 | 1573.4 | 1594.2 | 1614.4 |
| 7.5° | 1369.3 | 1379.3 | 1398.5 | 1420.1 | 1443.2 | 1464.6 | 1483.9 | 1509.1 | 1536.8 | 1567.1 | 1600.9 |
| 10° | 1316.2 | 1327.3 | 1350.1 | 1374.8 | 1402.2 | 1422.9 | 1449.0 | 1479.0 | 1510.2 | 1547.3 | 1588.9 |
| 12.5° | 1268.3 | 1278.9 | 1306.3 | 1331.5 | 1359.9 | 1382.8 | 1413.1 | 1443.6 | 1485.2 | 1525.4 | 1572.8 |
| 15° | 1174.9 | 1203.0 | 1234.2 | 1264.1 | 1298.0 | 1326.0 | 1362.4 | 1393.7 | 1433.4 | 1490.0 | 1544.0 |
| 17.5° | 1071.3 | 1101.1 | 1140.0 | 1186.2 | 1231.6 | 1266.2 | 1303.2 | 1342.0 | 1389.3 | 1447.1 | 1509.4 |
| 20° | 1010.9 | 1035.0 | 1078.0 | 1129.4 | 1182.1 | 1230.3 | 1264.1 | 1307.1 | 1355.9 | 1418.4 | 1482.9 |
| 22.5° | 965.6 | 986.0 | 1019.6 | 1071.1 | 1128.0 | 1183.9 | 1227.2 | 1269.6 | 1323.6 | 1386.1 | 1456.3 |
| 25° | 897.6 | 919.8 | 949.1 | 984.2 | 1049.3 | 1108.6 | 1165.2 | 1214.0 | 1271.3 | 1333.7 | 1411.9 |
| 27.5° | 841.1 | 860.4 | 887.2 | 923.8 | 967.6 | 1032.9 | 1101.6 | 1157.2 | 1215.9 | 1283.0 | 1361.2 |
| 30° | 807.8 | 823.5 | 845.5 | 882.6 | 924.3 | 982.9 | 1052.6 | 1117.7 | 1176.9 | 1246.6 | 1328.0 |
| 32.5° | 772.9 | 789.6 | 811.2 | 840.5 | 885.3 | 934.5 | 1004.1 | 1075.5 | 1138.4 | 1209.6 | 1289.4 |
| 35° | 726.4 | 739.5 | 759.0 | 789.0 | 829.3 | 872.3 | 934.1 | 1007.6 | 1074.1 | 1150.2 | 1226.4 |
| 37.5° | 679.5 | 694.8 | 710.2 | 736.9 | 770.0 | 816.1 | 866.8 | 941.9 | 1015.5 | 1085.0 | 1159.4 |
| 40° | 652.9 | 662.0 | 678.9 | 700.4 | 735.6 | 776.6 | 824.1 | 897.6 | 971.2 | 1040.2 | 1115.1 |
| 42.5° | 623.2 | 633.4 | 647.7 | 669.2 | 700.7 | 740.6 | 787.1 | 850.8 | 927.5 | 994.4 | 1062.5 |
| 45° | 582.0 | 587.8 | 602.1 | 620.4 | 646.4 | 686.7 | 729.7 | 786.4 | 858.6 | 922.3 | 982.3 |
| 47.5° | 540.3 | 545.4 | 554.3 | 571.0 | 600.1 | 632.6 | 672.8 | 723.6 | 787.0 | 850.8 | 901.4 |
| 50° | 511.6 | 516.2 | 524.6 | 540.3 | 566.3 | 598.2 | 637.9 | 683.5 | 740.1 | 801.3 | 843.6 |
| 52.5° | 483.0 | 485.5 | 493.4 | 511.1 | 533.0 | 564.4 | 599.9 | 641.8 | 694.8 | 745.6 | 788.4 |
| 55° | 437.4 | 443.3 | 448.5 | 461.5 | 482.3 | 512.3 | 544.2 | 583.9 | 624.9 | 667.9 | 704.3 |
| 57.5° | 389.9 | 396.3 | 403.8 | 415.3 | 431.9 | 459.7 | 488.4 | 520.5 | 555.5 | 591.2 | 621.7 |
| 60° | 358.7 | 364.5 | 371.0 | 384.1 | 399.0 | 421.2 | 452.4 | 480.4 | 507.1 | 539.6 | 570.2 |
| 62.5° | 327.9 | 333.8 | 341.4 | 351.8 | 366.2 | 387.3 | 413.4 | 437.7 | 465.5 | 493.8 | 516.6 |
| 65° | 282.5 | 287.1 | 292.9 | 302.7 | 316.3 | 335.3 | 356.7 | 375.6 | 400.3 | 421.2 | 442.0 |
| 67.5° | 232.7 | 241.4 | 249.1 | 257.0 | 268.6 | 286.2 | 301.7 | 319.8 | 336.6 | 352.0 | 371.0 |
| 70° | 199.8 | 209.6 | 216.8 | 225.2 | 236.3 | 251.3 | 266.2 | 278.6 | 292.3 | 307.2 | 324.2 |
| 72.5° | 172.3 | 179.9 | 185.5 | 194.5 | 204.6 | 218.4 | 232.4 | 242.6 | 253.7 | 264.0 | 280.5 |
| 75° | 136.1 | 139.3 | 143.2 | 150.3 | 159.5 | 169.9 | 181.0 | 190.0 | 196.6 | 205.7 | 217.4 |
| 77.5° | 97.8 | 104.0 | 106.6 | 111.7 | 118.2 | 124.7 | 132.0 | 139.7 | 145.9 | 149.2 | 158.2 |
| 80° | 74.8 | 77.5 | 80.1 | 87.2 | 91.2 | 97.7 | 102.8 | 110.0 | 112.6 | 115.9 | 124.3 |
| 82.5° | 58.2 | 59.8 | 61.3 | 63.3 | 65.6 | 72.2 | 77.4 | 81.9 | 84.5 | 85.7 | 92.0 |
| 85° | 33.8 | 34.5 | 35.1 | 35.8 | 36.4 | 36.4 | 39.1 | 42.3 | 46.9 | 46.9 | 48.8 |
| 87.5° | 14.7 | 15.4 | 15.0 | 14.1 | 15.2 | 14.0 | 14.5 | 14.3 | 15.7 | 16.7 | 17.9 |
| 90° | 16.1 | 17.0 | 15.2 | 13.3 | 13.3 | 7.6 | 7.6 | 6.6 | 5.7 | 2.9 | 1.0 |
| 92.5° | 250.3 | 300.5 | 263.0 | 191.4 | 117.9 | 69.7 | 50.1 | 36.2 | 24.6 | 15.7 | 10.8 |
| 95° | 793.9 | 772.1 | 582.6 | 356.2 | 200.8 | 118.5 | 78.6 | 55.9 | 43.6 | 34.1 | 31.2 |
| 97.5° | 997.4 | 813.3 | 545.3 | 320.2 | 191.9 | 128.5 | 95.1 | 75.6 | 64.2 | 56.1 | 56.1 |
| 100° | 1004.2 | 761.7 | 494.6 | 301.3 | 194.2 | 138.4 | 108.0 | 90.0 | 78.6 | 72.0 | 72.0 |
| 102.5° | 947.4 | 697.2 | 460.4 | 296.0 | 201.8 | 151.2 | 122.4 | 105.2 | 94.6 | 88.7 | 87.2 |
| 105° | 844.1 | 621.5 | 431.0 | 298.4 | 219.8 | 174.3 | 146.8 | 129.8 | 118.5 | 113.7 | 110.9 |
| 107.5° | 760.8 | 579.0 | 425.7 | 312.4 | 240.8 | 199.2 | 172.0 | 155.7 | 143.7 | 138.8 | 137.0 |
| 110° | 719.1 | 564.7 | 427.3 | 323.0 | 256.7 | 215.1 | 189.5 | 172.4 | 161.0 | 156.3 | 154.4 |



TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 695.5 | 557.8 | 431.8 | 334.4 | 271.9 | 231.7 | 206.2 | 189.1 | 178.5 | 173.0 | 171.1 |
| 115° | 673.6 | 554.2 | 440.5 | 352.5 | 295.5 | 257.7 | 232.1 | 214.1 | 204.6 | 198.0 | 195.2 |
| 117.5° | 663.7 | 553.3 | 449.8 | 370.8 | 318.5 | 282.5 | 256.0 | 239.1 | 228.7 | 222.8 | 220.1 |
| 120° | 658.4 | 553.3 | 456.6 | 383.7 | 334.4 | 298.4 | 271.9 | 255.8 | 245.4 | 238.7 | 236.8 |
| 122.5° | 652.4 | 552.5 | 463.5 | 395.8 | 349.6 | 313.6 | 287.8 | 270.2 | 260.6 | 253.9 | 252.0 |
| 125° | 642.3 | 551.4 | 473.7 | 414.0 | 370.4 | 336.3 | 309.8 | 291.8 | 281.4 | 275.7 | 271.9 |
| 127.5° | 628.8 | 549.3 | 481.8 | 429.7 | 389.7 | 356.8 | 330.0 | 311.3 | 299.4 | 292.5 | 289.5 |
| 130° | 620.5 | 548.5 | 487.9 | 439.6 | 402.7 | 370.4 | 342.9 | 325.0 | 310.7 | 303.1 | 299.4 |
| 132.5° | 612.9 | 547.8 | 493.2 | 449.5 | 413.3 | 381.1 | 355.1 | 335.6 | 322.1 | 312.3 | 309.2 |
| 135° | 601.6 | 546.7 | 501.2 | 462.4 | 428.2 | 397.0 | 372.3 | 352.5 | 336.3 | 326.9 | 323.0 |
| 137.5° | 591.7 | 546.4 | 505.9 | 471.4 | 439.6 | 410.4 | 386.9 | 366.2 | 350.9 | 340.5 | 336.9 |
| 140° | 586.4 | 545.7 | 509.7 | 477.4 | 447.2 | 418.7 | 396.0 | 376.1 | 360.0 | 349.6 | 346.7 |
| 142.5° | 581.9 | 545.7 | 512.7 | 482.0 | 454.0 | 426.3 | 404.3 | 385.2 | 369.8 | 360.2 | 357.3 |
| 145° | 574.1 | 543.8 | 514.5 | 487.0 | 461.4 | 436.8 | 415.9 | 397.9 | 384.7 | 375.2 | 372.3 |
| 147.5° | 567.1 | 540.4 | 515.4 | 491.3 | 469.0 | 445.8 | 427.1 | 412.1 | 398.4 | 390.1 | 389.1 |
| 150° | 561.8 | 538.1 | 515.4 | 493.6 | 472.7 | 451.9 | 433.9 | 419.7 | 408.3 | 400.7 | 399.8 |
| 152.5° | 555.7 | 534.3 | 513.9 | 495.1 | 475.8 | 457.2 | 440.8 | 428.0 | 417.4 | 409.9 | 409.6 |
| 155° | 546.7 | 528.6 | 511.6 | 496.4 | 480.3 | 464.2 | 450.0 | 439.6 | 430.1 | 424.4 | 423.5 |
| 157.5° | 537.4 | 522.8 | 509.2 | 496.4 | 483.6 | 469.9 | 458.7 | 449.6 | 442.2 | 436.9 | 436.9 |
| 160° | 530.5 | 518.2 | 506.9 | 496.4 | 485.0 | 473.7 | 463.3 | 455.7 | 449.1 | 445.2 | 445.2 |
| 162.5° | 524.5 | 513.6 | 504.6 | 496.4 | 486.6 | 476.0 | 467.8 | 461.0 | 455.1 | 452.1 | 452.8 |
| 165° | 514.5 | 506.9 | 500.2 | 494.6 | 487.0 | 478.4 | 472.7 | 468.0 | 463.3 | 461.4 | 461.4 |
| 167.5° | 505.3 | 500.0 | 495.7 | 492.3 | 486.7 | 480.5 | 476.1 | 473.5 | 469.9 | 469.0 | 469.9 |
| 170° | 499.3 | 495.5 | 492.6 | 490.7 | 486.0 | 481.3 | 478.4 | 476.5 | 473.7 | 472.7 | 473.7 |
| 172.5° | 494.0 | 490.9 | 489.6 | 489.3 | 485.3 | 482.0 | 480.0 | 478.8 | 476.7 | 476.5 | 477.4 |
| 175° | 487.9 | 486.0 | 486.0 | 487.0 | 484.1 | 482.2 | 482.2 | 481.3 | 480.3 | 480.3 | 481.3 |
| 177.5° | 483.7 | 483.0 | 483.0 | 484.5 | 483.0 | 482.2 | 482.2 | 482.2 | 481.4 | 482.2 | 483.0 |
| 180° | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 |



TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1625.5 | 1630.2 | 1635.4 | 1645.4 | 1653.7 | 1657.3 | 1664.6 | 1669.8 | 1668.3 | 1675.5 | 1688.0 |
| 5° | 1631.9 | 1649.5 | 1669.7 | 1690.5 | 1713.9 | 1733.5 | 1749.1 | 1764.7 | 1777.1 | 1792.0 | 1814.2 |
| 7.5° | 1630.8 | 1662.2 | 1696.1 | 1733.5 | 1771.9 | 1805.1 | 1835.8 | 1867.0 | 1894.8 | 1925.1 | 1964.8 |
| 10° | 1626.7 | 1668.3 | 1710.7 | 1759.5 | 1808.3 | 1854.6 | 1896.2 | 1935.3 | 1972.4 | 2012.1 | 2062.2 |
| 12.5° | 1622.0 | 1669.9 | 1721.1 | 1779.8 | 1840.6 | 1896.2 | 1945.1 | 2001.4 | 2047.9 | 2099.1 | 2157.0 |
| 15° | 1601.3 | 1665.7 | 1735.4 | 1811.6 | 1884.5 | 1959.3 | 2026.3 | 2095.4 | 2159.8 | 2221.0 | 2293.9 |
| 17.5° | 1577.6 | 1652.0 | 1734.1 | 1824.1 | 1911.7 | 2002.7 | 2082.3 | 2169.2 | 2235.1 | 2317.2 | 2384.9 |
| 20° | 1558.4 | 1638.4 | 1726.3 | 1827.2 | 1926.8 | 2027.6 | 2115.5 | 2204.1 | 2278.3 | 2360.9 | 2446.9 |
| 22.5° | 1534.9 | 1622.8 | 1718.0 | 1822.5 | 1926.8 | 2037.0 | 2134.3 | 2222.3 | 2314.2 | 2407.3 | 2495.9 |
| 25° | 1497.1 | 1588.3 | 1689.2 | 1803.8 | 1923.5 | 2036.1 | 2140.3 | 2249.7 | 2348.6 | 2449.5 | 2528.9 |
| 27.5° | 1450.8 | 1546.5 | 1652.9 | 1771.1 | 1894.0 | 2009.3 | 2132.0 | 2248.5 | 2348.1 | 2445.2 | 2514.5 |
| 30° | 1413.8 | 1514.7 | 1616.9 | 1736.8 | 1864.3 | 1987.9 | 2119.5 | 2236.0 | 2340.8 | 2428.0 | 2467.1 |
| 32.5° | 1375.8 | 1471.5 | 1576.9 | 1698.2 | 1828.9 | 1961.9 | 2092.4 | 2211.5 | 2308.5 | 2360.9 | 2361.8 |
| 35° | 1309.7 | 1399.5 | 1508.9 | 1628.0 | 1762.1 | 1906.6 | 2038.7 | 2155.9 | 2215.2 | 2219.7 | 2155.9 |
| 37.5° | 1237.5 | 1320.0 | 1423.2 | 1542.5 | 1689.3 | 1833.0 | 1968.1 | 2046.2 | 2066.0 | 1999.7 | 1881.7 |
| 40° | 1186.0 | 1262.2 | 1361.8 | 1484.2 | 1629.9 | 1778.4 | 1901.4 | 1958.7 | 1937.9 | 1830.4 | 1698.9 |
| 42.5° | 1131.9 | 1202.8 | 1298.8 | 1419.6 | 1565.9 | 1715.9 | 1820.7 | 1851.4 | 1796.2 | 1672.2 | 1518.3 |
| 45° | 1043.5 | 1108.6 | 1203.6 | 1325.4 | 1465.9 | 1606.5 | 1686.0 | 1670.3 | 1578.5 | 1431.4 | 1258.9 |
| 47.5° | 951.5 | 1014.3 | 1099.8 | 1212.4 | 1356.4 | 1477.7 | 1531.5 | 1484.4 | 1353.8 | 1192.0 | 1051.7 |
| 50° | 890.5 | 955.0 | 1033.7 | 1141.1 | 1272.6 | 1389.8 | 1424.2 | 1352.7 | 1207.5 | 1051.9 | 923.0 |
| 52.5° | 830.6 | 885.7 | 962.9 | 1066.7 | 1192.4 | 1291.4 | 1309.7 | 1227.2 | 1077.3 | 937.8 | 823.5 |
| 55° | 739.5 | 789.6 | 854.7 | 952.4 | 1061.0 | 1145.0 | 1135.2 | 1029.2 | 893.1 | 774.0 | 684.1 |
| 57.5° | 651.3 | 689.1 | 749.3 | 840.7 | 936.2 | 992.5 | 956.9 | 866.4 | 739.6 | 642.1 | 566.3 |
| 60° | 593.0 | 628.2 | 684.1 | 764.2 | 848.2 | 880.0 | 850.1 | 751.9 | 651.6 | 562.4 | 498.6 |
| 62.5° | 537.8 | 568.8 | 616.9 | 691.3 | 759.1 | 778.0 | 746.0 | 660.1 | 569.8 | 493.7 | 440.8 |
| 65° | 457.6 | 486.2 | 527.3 | 580.0 | 626.9 | 635.9 | 615.1 | 527.3 | 458.9 | 395.1 | 358.7 |
| 67.5° | 384.8 | 403.6 | 435.6 | 481.2 | 506.1 | 511.4 | 471.2 | 416.0 | 355.7 | 316.5 | 289.0 |
| 70° | 335.9 | 348.9 | 378.9 | 403.6 | 423.8 | 424.4 | 387.3 | 343.1 | 296.9 | 265.0 | 244.8 |
| 72.5° | 288.5 | 301.0 | 323.7 | 340.6 | 356.0 | 351.0 | 317.0 | 282.1 | 244.8 | 220.7 | 205.7 |
| 75° | 222.7 | 233.7 | 245.4 | 253.2 | 253.2 | 246.7 | 222.0 | 195.9 | 174.5 | 160.1 | 155.6 |
| 77.5° | 161.8 | 171.0 | 174.9 | 173.7 | 171.3 | 161.2 | 145.5 | 128.5 | 120.8 | 114.1 | 110.6 |
| 80° | 126.9 | 130.9 | 132.2 | 128.9 | 125.0 | 113.2 | 102.8 | 95.7 | 88.5 | 85.9 | 84.6 |
| 82.5° | 94.1 | 97.5 | 94.1 | 95.1 | 86.4 | 76.8 | 71.1 | 68.6 | 65.6 | 64.6 | 63.3 |
| 85° | 50.1 | 49.5 | 48.2 | 44.9 | 39.1 | 37.7 | 37.1 | 36.4 | 35.1 | 35.8 | 34.5 |
| 87.5° | 17.8 | 16.8 | 14.8 | 14.5 | 14.5 | 14.6 | 15.2 | 15.5 | 15.9 | 15.2 | 16.5 |
| 90° | 2.9 | 5.7 | 6.6 | 7.6 | 7.6 | 13.3 | 13.3 | 15.2 | 17.0 | 16.1 | 17.0 |
| 92.5° | 15.7 | 24.6 | 36.2 | 50.1 | 69.7 | 117.9 | 191.4 | 263.0 | 300.5 | 250.3 | 186.1 |
| 95° | 34.1 | 43.6 | 55.9 | 78.6 | 118.5 | 200.8 | 356.2 | 582.6 | 772.1 | 793.9 | 702.0 |
| 97.5° | 56.1 | 64.2 | 75.6 | 95.1 | 128.5 | 191.9 | 320.2 | 545.3 | 813.3 | 997.4 | 1037.2 |
| 100° | 72.0 | 78.6 | 90.0 | 108.0 | 138.4 | 194.2 | 301.3 | 494.6 | 761.7 | 1004.2 | 1142.6 |
| 102.5° | 88.7 | 94.6 | 105.2 | 122.4 | 151.2 | 201.8 | 296.0 | 460.4 | 697.2 | 947.4 | 1137.3 |
| 105° | 113.7 | 118.5 | 129.8 | 146.8 | 174.3 | 219.8 | 298.4 | 431.0 | 621.5 | 844.1 | 1061.0 |
| 107.5° | 138.8 | 143.7 | 155.7 | 172.0 | 199.2 | 240.8 | 312.4 | 425.7 | 579.0 | 760.8 | 952.8 |
| 110° | 156.3 | 161.0 | 172.4 | 189.5 | 215.1 | 256.7 | 323.0 | 427.3 | 564.7 | 719.1 | 887.7 |



TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.0 | 178.5 | 189.1 | 206.2 | 231.7 | 271.9 | 334.4 | 431.8 | 557.8 | 695.5 | 839.9 |
| 115° | 198.0 | 204.6 | 214.1 | 232.1 | 257.7 | 295.5 | 352.5 | 440.5 | 554.2 | 673.6 | 792.0 |
| 117.5° | 222.8 | 228.7 | 239.1 | 256.0 | 282.5 | 318.5 | 370.8 | 449.8 | 553.3 | 663.7 | 768.5 |
| 120° | 238.7 | 245.4 | 255.8 | 271.9 | 298.4 | 334.4 | 383.7 | 456.6 | 553.3 | 658.4 | 757.9 |
| 122.5° | 253.9 | 260.6 | 270.2 | 287.8 | 313.6 | 349.6 | 395.8 | 463.5 | 552.5 | 652.4 | 748.8 |
| 125° | 275.7 | 281.4 | 291.8 | 309.8 | 336.3 | 370.4 | 414.0 | 473.7 | 551.4 | 642.3 | 733.3 |
| 127.5° | 292.5 | 299.4 | 311.3 | 330.0 | 356.8 | 389.7 | 429.7 | 481.8 | 549.3 | 628.8 | 714.3 |
| 130° | 303.1 | 310.7 | 325.0 | 342.9 | 370.4 | 402.7 | 439.6 | 487.9 | 548.5 | 620.5 | 699.2 |
| 132.5° | 312.3 | 322.1 | 335.6 | 355.1 | 381.1 | 413.3 | 449.5 | 493.2 | 547.8 | 612.9 | 683.2 |
| 135° | 326.9 | 336.3 | 352.5 | 372.3 | 397.0 | 428.2 | 462.4 | 501.2 | 546.7 | 601.6 | 661.3 |
| 137.5° | 340.5 | 350.9 | 366.2 | 386.9 | 410.4 | 439.6 | 471.4 | 505.9 | 546.4 | 591.7 | 641.4 |
| 140° | 349.6 | 360.0 | 376.1 | 396.0 | 418.7 | 447.2 | 477.4 | 509.7 | 545.7 | 586.4 | 630.0 |
| 142.5° | 360.2 | 369.8 | 385.2 | 404.3 | 426.3 | 454.0 | 482.0 | 512.7 | 545.7 | 581.9 | 619.4 |
| 145° | 375.2 | 384.7 | 397.9 | 415.9 | 436.8 | 461.4 | 487.0 | 514.5 | 543.8 | 574.1 | 604.5 |
| 147.5° | 390.1 | 398.4 | 412.1 | 427.1 | 445.8 | 469.0 | 491.3 | 515.4 | 540.4 | 567.1 | 592.2 |
| 150° | 400.7 | 408.3 | 419.7 | 433.9 | 451.9 | 472.7 | 493.6 | 515.4 | 538.1 | 561.8 | 584.6 |
| 152.5° | 409.9 | 417.4 | 428.0 | 440.8 | 457.2 | 475.8 | 495.1 | 513.9 | 534.3 | 555.7 | 576.2 |
| 155° | 424.4 | 430.1 | 439.6 | 450.0 | 464.2 | 480.3 | 496.4 | 511.6 | 528.6 | 546.7 | 563.7 |
| 157.5° | 436.9 | 442.2 | 449.6 | 458.7 | 469.9 | 483.6 | 496.4 | 509.2 | 522.8 | 537.4 | 550.2 |
| 160° | 445.2 | 449.1 | 455.7 | 463.3 | 473.7 | 485.0 | 496.4 | 506.9 | 518.2 | 530.5 | 541.9 |
| 162.5° | 452.1 | 455.1 | 461.0 | 467.8 | 476.0 | 486.6 | 496.4 | 504.6 | 513.6 | 524.5 | 533.5 |
| 165° | 461.4 | 463.3 | 468.0 | 472.7 | 478.4 | 487.0 | 494.6 | 500.2 | 506.9 | 514.5 | 522.0 |
| 167.5° | 469.0 | 469.9 | 473.5 | 476.1 | 480.5 | 486.7 | 492.3 | 495.7 | 500.0 | 505.3 | 510.9 |
| 170° | 472.7 | 473.7 | 476.5 | 478.4 | 481.3 | 486.0 | 490.7 | 492.6 | 495.5 | 499.3 | 504.0 |
| 172.5° | 476.5 | 476.7 | 478.8 | 480.0 | 482.0 | 485.3 | 489.3 | 489.6 | 490.9 | 494.0 | 497.9 |
| 175° | 480.3 | 480.3 | 481.3 | 482.2 | 482.2 | 484.1 | 487.0 | 486.0 | 486.0 | 487.9 | 489.8 |
| 177.5° | 482.2 | 481.4 | 482.2 | 482.2 | 482.2 | 483.0 | 484.5 | 483.0 | 483.0 | 483.7 | 484.5 |
| 180° | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 |



TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 | 1615.7 |
| 2.5° | 1694.8 | 1696.9 | 1698.4 | 1703.6 | 1704.1 | 1708.9 | 1704.1 |
| 5° | 1835.0 | 1844.1 | 1858.5 | 1872.7 | 1874.0 | 1883.2 | 1866.9 |
| 7.5° | 1992.3 | 2013.4 | 2026.5 | 2049.7 | 2058.8 | 2064.5 | 2055.1 |
| 10° | 2100.6 | 2120.1 | 2154.6 | 2171.5 | 2188.5 | 2191.0 | 2183.3 |
| 12.5° | 2205.3 | 2236.3 | 2263.4 | 2295.5 | 2294.7 | 2317.7 | 2309.3 |
| 15° | 2344.7 | 2376.6 | 2414.3 | 2450.1 | 2463.2 | 2463.2 | 2473.6 |
| 17.5° | 2444.2 | 2502.6 | 2541.7 | 2569.8 | 2600.5 | 2605.9 | 2602.2 |
| 20° | 2511.4 | 2574.5 | 2616.1 | 2652.6 | 2673.4 | 2679.3 | 2679.3 |
| 22.5° | 2561.3 | 2615.1 | 2655.8 | 2688.5 | 2705.7 | 2712.6 | 2710.5 |
| 25° | 2596.0 | 2642.1 | 2666.9 | 2676.7 | 2681.2 | 2680.0 | 2667.6 |
| 27.5° | 2548.5 | 2546.5 | 2530.9 | 2500.9 | 2478.4 | 2464.7 | 2449.1 |
| 30° | 2458.0 | 2424.1 | 2385.1 | 2342.1 | 2286.8 | 2244.4 | 2231.4 |
| 32.5° | 2323.1 | 2247.0 | 2180.9 | 2109.3 | 2049.8 | 2007.5 | 1989.8 |
| 35° | 2062.2 | 1941.8 | 1843.5 | 1757.5 | 1695.1 | 1656.0 | 1643.0 |
| 37.5° | 1752.6 | 1636.1 | 1514.3 | 1431.0 | 1379.2 | 1339.8 | 1325.0 |
| 40° | 1555.8 | 1428.8 | 1322.7 | 1244.6 | 1191.2 | 1152.8 | 1152.2 |
| 42.5° | 1376.1 | 1254.9 | 1155.0 | 1098.8 | 1041.2 | 1015.9 | 1015.7 |
| 45° | 1126.7 | 1029.8 | 945.2 | 900.9 | 866.4 | 845.5 | 839.7 |
| 47.5° | 932.9 | 852.7 | 796.4 | 761.1 | 733.0 | 719.7 | 711.1 |
| 50° | 824.1 | 753.8 | 708.9 | 678.2 | 662.7 | 645.7 | 644.4 |
| 52.5° | 733.4 | 676.7 | 641.7 | 616.9 | 597.0 | 586.9 | 587.2 |
| 55° | 616.4 | 571.5 | 546.8 | 527.9 | 512.3 | 504.5 | 501.2 |
| 57.5° | 519.3 | 485.6 | 467.7 | 450.3 | 443.7 | 437.6 | 435.9 |
| 60° | 458.9 | 436.1 | 419.2 | 405.5 | 395.7 | 393.8 | 393.1 |
| 62.5° | 409.0 | 385.1 | 373.4 | 362.8 | 355.7 | 352.7 | 351.5 |
| 65° | 337.2 | 319.6 | 309.2 | 300.8 | 298.2 | 293.6 | 292.9 |
| 67.5° | 271.8 | 261.3 | 254.4 | 248.5 | 245.0 | 244.8 | 244.8 |
| 70° | 231.7 | 225.8 | 220.0 | 216.8 | 214.8 | 213.5 | 213.5 |
| 72.5° | 197.4 | 193.1 | 188.3 | 186.5 | 186.1 | 184.8 | 184.3 |
| 75° | 150.3 | 145.8 | 146.4 | 143.2 | 140.6 | 137.4 | 135.4 |
| 77.5° | 106.6 | 103.4 | 102.7 | 102.3 | 100.1 | 99.7 | 100.8 |
| 80° | 82.7 | 79.4 | 78.8 | 79.4 | 78.8 | 76.8 | 76.8 |
| 82.5° | 62.9 | 60.2 | 59.5 | 59.1 | 58.5 | 59.1 | 58.0 |
| 85° | 33.8 | 32.5 | 32.5 | 32.5 | 33.8 | 33.2 | 32.5 |
| 87.5° | 15.6 | 15.2 | 15.7 | 15.4 | 15.7 | 14.9 | 15.4 |
| 90° | 18.0 | 18.9 | 18.9 | 19.9 | 20.9 | 19.9 | 19.9 |
| 92.5° | 140.0 | 111.5 | 92.5 | 81.3 | 76.1 | 73.0 | 73.0 |
| 95° | 555.1 | 428.2 | 336.3 | 289.9 | 260.6 | 243.4 | 231.1 |
| 97.5° | 982.6 | 890.0 | 791.1 | 723.0 | 666.0 | 637.6 | 617.9 |
| 100° | 1161.5 | 1115.1 | 1045.0 | 962.5 | 904.7 | 876.4 | 868.8 |
| 102.5° | 1231.2 | 1244.6 | 1215.4 | 1164.9 | 1123.0 | 1093.1 | 1087.0 |
| 105° | 1225.0 | 1318.7 | 1357.6 | 1359.5 | 1351.9 | 1338.6 | 1332.9 |
| 107.5° | 1127.4 | 1259.5 | 1343.9 | 1390.7 | 1412.3 | 1421.8 | 1424.3 |
| 110° | 1051.6 | 1189.0 | 1293.1 | 1360.4 | 1400.2 | 1417.3 | 1425.8 |



TEST NUMBER: P333011-930

CATALOG NUMBER: SA4XXRDIP-C1195D1205U930-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|--------|--------|--------|--------|--------|--------|
| 112.5° | 984.9 | 1114.7 | 1218.9 | 1295.3 | 1343.4 | 1367.3 | 1381.1 |
| 115° | 908.6 | 1019.4 | 1110.4 | 1185.2 | 1242.0 | 1272.4 | 1279.9 |
| 117.5° | 865.0 | 952.1 | 1029.2 | 1093.1 | 1140.8 | 1171.5 | 1177.4 |
| 120° | 846.0 | 921.8 | 989.0 | 1043.1 | 1084.8 | 1109.4 | 1119.8 |
| 122.5° | 833.9 | 902.9 | 961.8 | 1007.5 | 1043.1 | 1063.9 | 1074.3 |
| 125° | 814.7 | 880.1 | 932.2 | 970.1 | 997.6 | 1015.6 | 1021.2 |
| 127.5° | 792.2 | 857.4 | 906.9 | 944.9 | 969.4 | 984.6 | 990.2 |
| 130° | 774.0 | 838.5 | 888.7 | 927.5 | 951.1 | 966.3 | 972.0 |
| 132.5° | 753.6 | 816.4 | 866.7 | 904.7 | 931.5 | 945.8 | 951.5 |
| 135° | 722.8 | 780.6 | 828.0 | 865.9 | 892.4 | 907.6 | 913.3 |
| 137.5° | 693.5 | 742.2 | 785.0 | 820.4 | 846.6 | 859.1 | 865.9 |
| 140° | 674.5 | 717.1 | 756.9 | 790.1 | 811.0 | 824.2 | 831.8 |
| 142.5° | 658.6 | 695.2 | 729.7 | 759.0 | 778.4 | 790.1 | 795.4 |
| 145° | 636.7 | 665.0 | 691.6 | 715.3 | 731.4 | 740.9 | 745.6 |
| 147.5° | 617.7 | 640.4 | 661.3 | 678.7 | 692.5 | 699.8 | 701.4 |
| 150° | 606.3 | 625.3 | 642.3 | 657.5 | 669.8 | 675.5 | 676.5 |
| 152.5° | 594.9 | 612.4 | 626.4 | 639.3 | 649.3 | 652.7 | 653.7 |
| 155° | 578.9 | 593.0 | 604.5 | 613.9 | 621.5 | 624.4 | 624.4 |
| 157.5° | 563.0 | 574.9 | 584.0 | 591.2 | 596.9 | 598.6 | 598.6 |
| 160° | 552.3 | 562.7 | 570.3 | 576.0 | 581.7 | 582.6 | 582.6 |
| 162.5° | 542.5 | 550.7 | 557.4 | 561.6 | 567.3 | 568.3 | 567.4 |
| 165° | 527.7 | 534.3 | 539.1 | 542.8 | 546.7 | 545.7 | 544.8 |
| 167.5° | 515.2 | 520.5 | 523.3 | 525.2 | 527.7 | 527.5 | 526.8 |
| 170° | 506.9 | 510.6 | 513.5 | 515.4 | 516.3 | 515.4 | 515.4 |
| 172.5° | 500.0 | 502.3 | 504.3 | 505.5 | 506.5 | 505.5 | 504.0 |
| 175° | 490.7 | 492.6 | 492.6 | 492.6 | 494.6 | 492.6 | 490.7 |
| 177.5° | 485.3 | 485.3 | 486.0 | 485.3 | 486.0 | 484.5 | 483.0 |
| 180° | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 | 482.2 |

(END OF REPORT)