

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: P332979-927

Luminaire Tested: **SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332979-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1205 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7246.3 lumens
Efficiency: N/A
Efficacy: 110.8 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

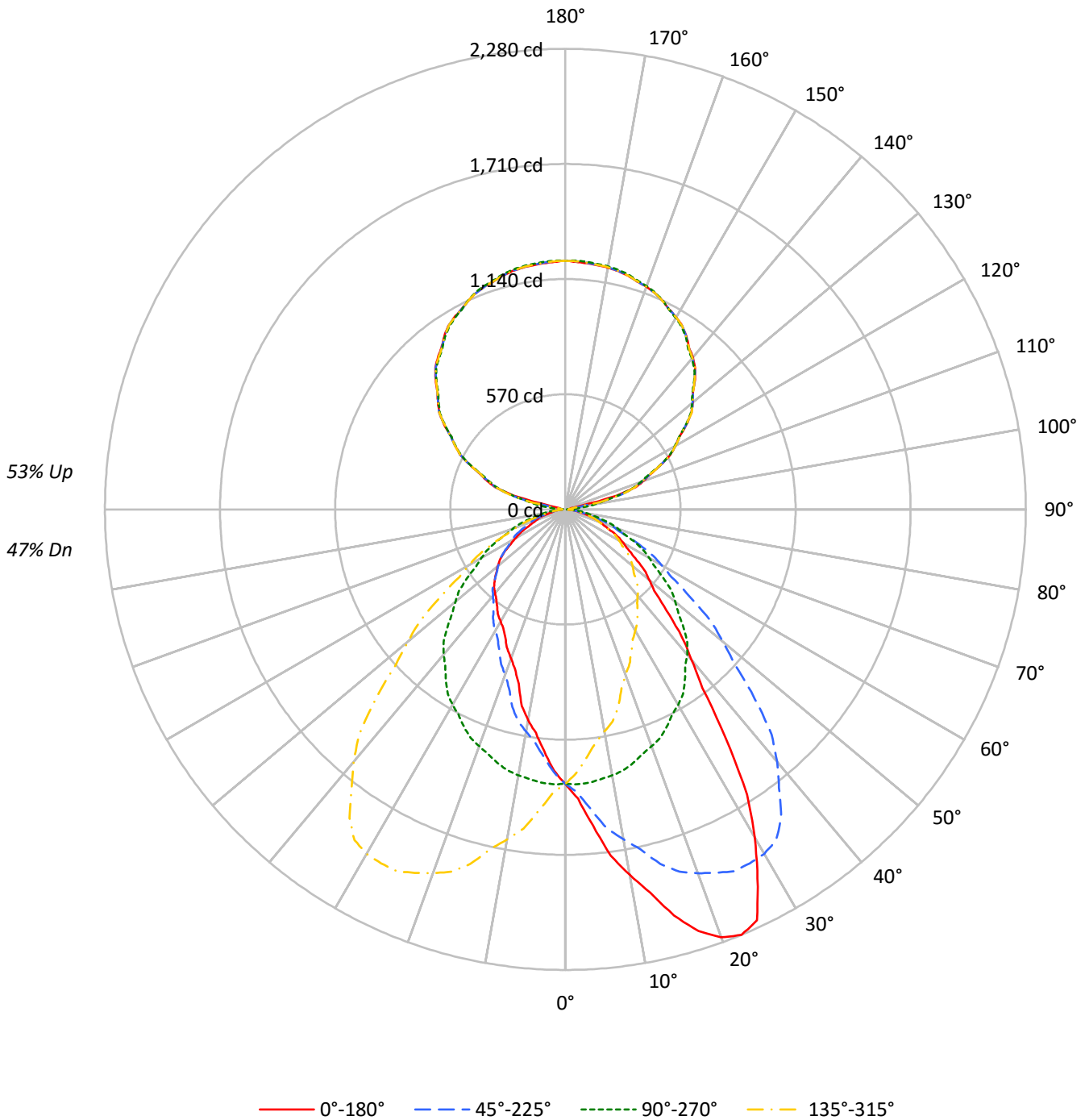
Input Watts (W): 65.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 54 | 54 | 54 | 47 |
| 1 | 98 | 94 | 90 | 86 | 90 | 86 | 83 | 80 | 72 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 | 41 |
| 2 | 89 | 82 | 76 | 71 | 82 | 76 | 71 | 66 | 64 | 60 | 57 | 53 | 50 | 48 | 43 | 41 | 40 | 35 |
| 3 | 82 | 73 | 65 | 60 | 75 | 67 | 61 | 56 | 57 | 52 | 48 | 47 | 44 | 41 | 38 | 36 | 34 | 30 |
| 4 | 75 | 64 | 57 | 51 | 69 | 60 | 53 | 48 | 51 | 46 | 42 | 42 | 39 | 36 | 35 | 32 | 30 | 26 |
| 5 | 69 | 58 | 50 | 44 | 63 | 53 | 46 | 41 | 46 | 40 | 36 | 38 | 34 | 31 | 31 | 28 | 26 | 23 |
| 6 | 64 | 52 | 44 | 38 | 58 | 48 | 41 | 36 | 41 | 36 | 32 | 35 | 31 | 27 | 29 | 26 | 23 | 20 |
| 7 | 59 | 47 | 39 | 34 | 54 | 44 | 37 | 32 | 37 | 32 | 28 | 32 | 27 | 24 | 26 | 23 | 21 | 18 |
| 8 | 55 | 43 | 35 | 30 | 50 | 40 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 24 | 21 | 19 | 16 |
| 9 | 51 | 39 | 32 | 27 | 47 | 36 | 30 | 25 | 31 | 26 | 22 | 27 | 23 | 20 | 22 | 19 | 17 | 15 |
| 10 | 47 | 36 | 29 | 24 | 44 | 33 | 27 | 23 | 29 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 15 | 13 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 10973 | 10973 | 10973 | 10973 |
| 5° | 12729 | 11006 | 9728 | 11006 |
| 10° | 15057 | 10958 | 8682 | 10958 |
| 15° | 17393 | 10857 | 7460 | 10857 |
| 20° | 19365 | 10717 | 6747 | 10717 |
| 25° | 19991 | 10580 | 6263 | 10580 |
| 30° | 17500 | 10414 | 5972 | 10414 |
| 35° | 13623 | 10168 | 5797 | 10168 |
| 40° | 10215 | 9886 | 5702 | 9886 |
| 45° | 8066 | 9435 | 5651 | 9435 |
| 50° | 6810 | 8913 | 5488 | 8913 |
| 55° | 5935 | 8341 | 5195 | 8341 |
| 60° | 5339 | 7745 | 4598 | 7745 |
| 65° | 4707 | 7104 | 3954 | 7104 |
| 70° | 4239 | 6437 | 3567 | 6437 |
| 75° | 3553 | 5705 | 3041 | 5705 |
| 80° | 3003 | 4863 | 2850 | 4863 |
| 85° | 2538 | 3798 | 2538 | 3798 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 131.7 | 1.8 |
| 10°-20° | 397.3 | 5.5 |
| 20°-30° | 621.4 | 8.6 |
| 30°-40° | 690.7 | 9.5 |
| 40°-50° | 612.9 | 8.5 |
| 50°-60° | 477.6 | 6.6 |
| 60°-70° | 312.7 | 4.3 |
| 70°-80° | 153.8 | 2.1 |
| 80°-90° | 41.5 | 0.6 |
| 90°-100° | 42.1 | 0.6 |
| 100°-110° | 268.4 | 3.7 |
| 110°-120° | 513.4 | 7.1 |
| 120°-130° | 651.7 | 9.0 |
| 130°-140° | 697.3 | 9.6 |
| 140°-150° | 652.1 | 9.0 |
| 150°-160° | 525.8 | 7.3 |
| 160°-170° | 339.2 | 4.7 |
| 170°-180° | 116.9 | 1.6 |
| 0°-30° | 1150.3 | 15.9 |
| 0°-40° | 1841.1 | 25.4 |
| 0°-60° | 2931.5 | 40.5 |
| 0°-90° | 3439.4 | 47.5 |
| 90°-120° | 823.9 | 11.4 |
| 90°-150° | 2825.0 | 39.0 |
| 90°-180° | 3807.0 | 52.5 |
| 0°-180° | 7246.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1359 | 1359 | 1359 | 1359 | 1359 | |
| 5° | 1571 | 1358 | 1200 | 1358 | 1571 | 159 |
| 15° | 2081 | 1299 | 893 | 1299 | 2081 | 592 |
| 25° | 2244 | 1188 | 703 | 1188 | 2244 | 996 |
| 35° | 1382 | 1032 | 588 | 1032 | 1382 | 866 |
| 45° | 706 | 826 | 495 | 826 | 706 | 560 |
| 55° | 422 | 593 | 369 | 593 | 422 | 384 |
| 65° | 246 | 372 | 207 | 372 | 246 | 248 |
| 75° | 114 | 183 | 98 | 183 | 114 | 125 |
| 85° | 27 | 41 | 27 | 41 | 27 | 32 |
| 90° | 28 | 3 | 28 | 3 | 28 | 13 |
| 95° | 27 | 51 | 27 | 51 | 27 | 21 |
| 105° | 262 | 277 | 262 | 277 | 262 | 229 |
| 115° | 521 | 517 | 521 | 517 | 521 | 516 |
| 125° | 733 | 727 | 733 | 727 | 733 | 653 |
| 135° | 908 | 902 | 908 | 902 | 908 | 699 |
| 145° | 1046 | 1040 | 1046 | 1040 | 1046 | 653 |
| 155° | 1140 | 1140 | 1140 | 1140 | 1140 | 525 |
| 165° | 1198 | 1203 | 1198 | 1203 | 1198 | 338 |
| 175° | 1223 | 1231 | 1223 | 1231 | 1223 | 116 |
| 180° | 1231 | 1231 | 1231 | 1231 | 1231 | |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 |
| 2.5° | 1433.7 | 1437.7 | 1433.7 | 1433.3 | 1428.9 | 1427.6 | 1425.8 | 1420.1 | 1409.6 | 1403.5 | 1404.8 |
| 5° | 1570.7 | 1584.3 | 1576.7 | 1575.6 | 1563.5 | 1551.5 | 1543.8 | 1526.3 | 1507.7 | 1495.1 | 1484.6 |
| 7.5° | 1729.0 | 1736.9 | 1732.1 | 1724.4 | 1704.9 | 1693.8 | 1676.1 | 1653.0 | 1619.6 | 1594.0 | 1570.7 |
| 10° | 1836.8 | 1843.3 | 1841.2 | 1826.9 | 1812.7 | 1783.7 | 1767.2 | 1735.0 | 1692.7 | 1659.4 | 1628.1 |
| 12.5° | 1942.8 | 1949.8 | 1930.5 | 1931.2 | 1904.2 | 1881.4 | 1855.3 | 1814.7 | 1765.9 | 1722.8 | 1683.8 |
| 15° | 2081.1 | 2072.3 | 2072.3 | 2061.3 | 2031.2 | 1999.5 | 1972.6 | 1929.9 | 1868.5 | 1817.0 | 1762.8 |
| 17.5° | 2189.3 | 2192.3 | 2187.8 | 2161.9 | 2138.3 | 2105.5 | 2056.3 | 2006.4 | 1949.5 | 1880.4 | 1825.0 |
| 20° | 2254.1 | 2254.1 | 2249.2 | 2231.7 | 2201.0 | 2165.9 | 2112.8 | 2058.6 | 1986.3 | 1916.8 | 1854.3 |
| 22.5° | 2280.4 | 2282.1 | 2276.3 | 2261.8 | 2234.3 | 2200.0 | 2154.8 | 2099.8 | 2025.3 | 1946.9 | 1869.6 |
| 25° | 2244.3 | 2254.6 | 2255.7 | 2251.9 | 2243.7 | 2222.9 | 2184.0 | 2127.6 | 2060.8 | 1975.9 | 1892.6 |
| 27.5° | 2060.5 | 2073.6 | 2085.1 | 2104.0 | 2129.2 | 2142.4 | 2144.1 | 2115.4 | 2057.1 | 1975.5 | 1891.7 |
| 30° | 1877.3 | 1888.2 | 1923.9 | 1970.4 | 2006.5 | 2039.4 | 2067.9 | 2075.5 | 2042.7 | 1969.3 | 1881.1 |
| 32.5° | 1674.0 | 1688.9 | 1724.5 | 1774.6 | 1834.8 | 1890.5 | 1954.4 | 1987.0 | 1986.2 | 1942.1 | 1860.5 |
| 35° | 1382.3 | 1393.2 | 1426.1 | 1478.6 | 1550.9 | 1633.6 | 1735.0 | 1813.8 | 1867.4 | 1863.6 | 1813.8 |
| 37.5° | 1114.8 | 1127.1 | 1160.3 | 1204.0 | 1274.1 | 1376.4 | 1474.5 | 1583.1 | 1682.4 | 1738.1 | 1721.4 |
| 40° | 969.3 | 969.9 | 1002.2 | 1047.1 | 1112.8 | 1202.1 | 1308.8 | 1429.3 | 1539.9 | 1630.3 | 1647.8 |
| 42.5° | 854.5 | 854.6 | 876.0 | 924.4 | 971.8 | 1055.7 | 1157.7 | 1277.3 | 1406.8 | 1511.2 | 1557.6 |
| 45° | 706.5 | 711.4 | 728.9 | 758.0 | 795.2 | 866.3 | 947.9 | 1059.1 | 1204.3 | 1328.0 | 1405.3 |
| 47.5° | 598.3 | 605.5 | 616.6 | 640.3 | 669.9 | 717.4 | 784.9 | 884.8 | 1002.8 | 1139.0 | 1248.9 |
| 50° | 542.2 | 543.3 | 557.5 | 570.6 | 596.4 | 634.1 | 693.3 | 776.6 | 884.9 | 1015.9 | 1138.0 |
| 52.5° | 494.0 | 493.8 | 502.3 | 519.0 | 539.9 | 569.3 | 617.1 | 692.8 | 789.0 | 906.3 | 1032.4 |
| 55° | 421.7 | 424.5 | 431.0 | 444.1 | 460.0 | 480.9 | 518.6 | 575.6 | 651.2 | 751.4 | 865.9 |
| 57.5° | 366.7 | 368.1 | 373.3 | 378.8 | 393.4 | 408.5 | 436.9 | 476.4 | 540.2 | 622.3 | 728.9 |
| 60° | 330.7 | 331.3 | 333.0 | 341.2 | 352.7 | 366.9 | 386.1 | 419.5 | 473.2 | 548.2 | 632.6 |
| 62.5° | 295.7 | 296.7 | 299.2 | 305.2 | 314.1 | 324.0 | 344.0 | 370.9 | 415.3 | 479.4 | 555.4 |
| 65° | 246.4 | 247.0 | 250.8 | 253.0 | 260.2 | 268.9 | 283.7 | 301.7 | 332.4 | 386.1 | 443.6 |
| 67.5° | 205.9 | 205.9 | 206.1 | 209.1 | 214.0 | 219.8 | 228.7 | 243.1 | 266.3 | 299.2 | 349.9 |
| 70° | 179.6 | 179.6 | 180.7 | 182.4 | 185.1 | 190.0 | 195.0 | 205.9 | 222.9 | 249.7 | 288.6 |
| 72.5° | 155.1 | 155.5 | 156.6 | 156.9 | 158.4 | 162.4 | 166.0 | 173.1 | 185.7 | 205.9 | 237.3 |
| 75° | 113.9 | 115.6 | 118.3 | 120.5 | 123.2 | 122.7 | 126.5 | 130.9 | 134.8 | 146.8 | 164.9 |
| 77.5° | 84.8 | 83.9 | 84.2 | 86.1 | 86.4 | 87.0 | 89.7 | 93.1 | 95.9 | 101.6 | 108.1 |
| 80° | 64.6 | 64.6 | 66.2 | 66.8 | 66.2 | 66.8 | 69.6 | 71.2 | 72.3 | 74.5 | 80.5 |
| 82.5° | 48.9 | 49.7 | 49.2 | 49.7 | 50.1 | 50.6 | 52.9 | 53.2 | 54.3 | 55.2 | 57.8 |
| 85° | 27.4 | 28.0 | 28.4 | 27.4 | 27.4 | 27.4 | 28.4 | 29.0 | 30.1 | 29.5 | 30.7 |
| 87.5° | 15.1 | 14.7 | 15.0 | 14.9 | 15.3 | 14.7 | 14.9 | 15.5 | 14.3 | 14.6 | 14.3 |
| 90° | 27.6 | 27.2 | 26.8 | 26.4 | 26.0 | 25.2 | 23.9 | 22.7 | 21.5 | 20.3 | 18.6 |
| 92.5° | 25.4 | 25.3 | 25.3 | 25.2 | 25.1 | 24.4 | 23.2 | 21.9 | 20.8 | 19.5 | 17.9 |
| 95° | 26.7 | 26.5 | 26.3 | 26.1 | 25.9 | 25.2 | 23.9 | 22.7 | 21.5 | 20.3 | 20.0 |
| 97.5° | 25.7 | 25.6 | 25.3 | 25.2 | 25.0 | 24.8 | 24.6 | 24.6 | 24.4 | 24.3 | 47.1 |
| 100° | 25.7 | 25.6 | 25.3 | 25.2 | 25.0 | 26.6 | 30.1 | 33.5 | 37.0 | 40.5 | 68.8 |
| 102.5° | 26.5 | 26.5 | 26.5 | 26.4 | 26.4 | 45.1 | 82.6 | 120.1 | 157.6 | 195.1 | 198.8 |
| 105° | 262.4 | 269.7 | 277.0 | 284.4 | 291.8 | 294.5 | 292.7 | 290.9 | 289.1 | 287.2 | 286.1 |
| 107.5° | 365.6 | 364.8 | 364.1 | 363.3 | 362.5 | 361.6 | 360.8 | 359.9 | 358.9 | 358.1 | 356.6 |
| 110° | 410.5 | 410.0 | 409.3 | 408.7 | 408.1 | 407.6 | 407.2 | 406.8 | 406.3 | 405.9 | 404.7 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 455.4 | 454.7 | 453.9 | 453.1 | 452.3 | 452.0 | 452.1 | 452.2 | 452.3 | 452.3 | 451.8 |
| 115° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 520.8 | 520.4 | 520.0 | 519.6 | 519.1 | 519.4 |
| 117.5° | 587.6 | 587.7 | 587.8 | 587.9 | 588.0 | 588.0 | 588.1 | 588.2 | 588.3 | 588.4 | 588.0 |
| 120° | 629.6 | 630.0 | 630.4 | 630.8 | 631.2 | 631.2 | 630.8 | 630.4 | 630.0 | 629.6 | 629.8 |
| 122.5° | 670.8 | 671.2 | 671.7 | 672.1 | 672.5 | 672.6 | 672.3 | 672.1 | 671.8 | 671.6 | 671.3 |
| 125° | 732.7 | 732.5 | 732.3 | 732.1 | 731.9 | 731.5 | 730.9 | 730.2 | 729.6 | 729.0 | 729.4 |
| 127.5° | 787.0 | 787.2 | 787.3 | 787.5 | 787.7 | 787.8 | 787.9 | 788.1 | 788.1 | 788.3 | 787.3 |
| 130° | 823.8 | 823.8 | 823.8 | 823.8 | 823.8 | 823.7 | 823.6 | 823.3 | 823.1 | 822.9 | 822.3 |
| 132.5° | 857.7 | 857.9 | 858.0 | 858.2 | 858.3 | 858.3 | 858.2 | 857.9 | 857.7 | 857.5 | 856.7 |
| 135° | 908.5 | 908.1 | 907.7 | 907.3 | 906.9 | 906.5 | 906.0 | 905.6 | 905.2 | 904.8 | 904.0 |
| 137.5° | 952.0 | 952.0 | 952.2 | 952.4 | 952.4 | 952.3 | 951.8 | 951.4 | 950.9 | 950.5 | 949.6 |
| 140° | 982.1 | 981.9 | 981.8 | 981.5 | 981.4 | 981.0 | 980.3 | 979.7 | 979.1 | 978.5 | 978.0 |
| 142.5° | 1007.2 | 1007.2 | 1007.1 | 1007.1 | 1007.0 | 1006.8 | 1006.3 | 1005.9 | 1005.4 | 1005.0 | 1004.7 |
| 145° | 1045.7 | 1045.3 | 1044.8 | 1044.4 | 1044.0 | 1043.7 | 1043.5 | 1043.3 | 1043.1 | 1042.9 | 1042.9 |
| 147.5° | 1077.5 | 1077.3 | 1077.1 | 1076.9 | 1076.7 | 1076.5 | 1076.3 | 1076.2 | 1076.0 | 1075.9 | 1076.0 |
| 150° | 1098.1 | 1098.0 | 1097.7 | 1097.5 | 1097.3 | 1097.2 | 1097.2 | 1097.2 | 1097.2 | 1097.2 | 1097.4 |
| 152.5° | 1115.8 | 1115.9 | 1116.0 | 1116.2 | 1116.3 | 1116.2 | 1115.9 | 1115.6 | 1115.2 | 1114.9 | 1115.2 |
| 155° | 1139.6 | 1140.2 | 1140.7 | 1141.4 | 1142.0 | 1141.9 | 1141.1 | 1140.3 | 1139.5 | 1138.6 | 1139.2 |
| 157.5° | 1159.4 | 1160.5 | 1161.6 | 1162.6 | 1163.7 | 1163.7 | 1162.6 | 1161.6 | 1160.5 | 1159.4 | 1160.2 |
| 160° | 1172.7 | 1173.9 | 1175.1 | 1176.4 | 1177.6 | 1177.6 | 1176.4 | 1175.1 | 1173.9 | 1172.7 | 1172.9 |
| 162.5° | 1183.0 | 1184.4 | 1185.8 | 1187.2 | 1188.6 | 1188.7 | 1187.4 | 1186.2 | 1184.9 | 1183.8 | 1183.9 |
| 165° | 1197.5 | 1199.4 | 1201.2 | 1203.1 | 1204.9 | 1205.0 | 1203.4 | 1201.7 | 1200.1 | 1198.5 | 1198.5 |
| 167.5° | 1208.4 | 1210.5 | 1212.5 | 1214.6 | 1216.6 | 1216.7 | 1214.9 | 1213.1 | 1211.3 | 1209.5 | 1209.7 |
| 170° | 1215.0 | 1217.1 | 1219.1 | 1221.1 | 1223.2 | 1223.4 | 1221.8 | 1220.1 | 1218.5 | 1216.9 | 1216.6 |
| 172.5° | 1218.7 | 1220.9 | 1223.1 | 1225.3 | 1227.6 | 1227.8 | 1226.2 | 1224.6 | 1222.9 | 1221.3 | 1221.1 |
| 175° | 1223.3 | 1225.7 | 1228.2 | 1230.7 | 1233.1 | 1233.4 | 1231.6 | 1229.8 | 1227.9 | 1226.1 | 1225.9 |
| 177.5° | 1226.3 | 1228.2 | 1230.2 | 1232.2 | 1234.1 | 1234.5 | 1233.1 | 1231.8 | 1230.5 | 1229.2 | 1228.9 |
| 180° | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 |
| 2.5° | 1400.4 | 1394.3 | 1391.2 | 1384.2 | 1375.9 | 1371.5 | 1367.5 | 1361.8 | 1354.4 | 1346.6 | 1340.8 |
| 5° | 1471.5 | 1458.3 | 1441.9 | 1422.2 | 1404.7 | 1387.7 | 1372.9 | 1358.1 | 1341.2 | 1323.7 | 1306.2 |
| 7.5° | 1544.4 | 1518.6 | 1490.6 | 1458.3 | 1427.0 | 1398.4 | 1372.1 | 1346.9 | 1318.3 | 1292.8 | 1269.6 |
| 10° | 1595.3 | 1560.2 | 1521.3 | 1480.3 | 1439.2 | 1403.6 | 1368.6 | 1336.8 | 1301.7 | 1270.5 | 1244.2 |
| 12.5° | 1636.5 | 1595.3 | 1548.5 | 1497.4 | 1448.0 | 1404.9 | 1364.6 | 1323.2 | 1283.3 | 1249.5 | 1214.4 |
| 15° | 1704.8 | 1648.4 | 1585.4 | 1524.1 | 1460.0 | 1401.4 | 1347.2 | 1299.0 | 1253.5 | 1205.9 | 1172.5 |
| 17.5° | 1751.8 | 1684.9 | 1608.3 | 1534.6 | 1458.9 | 1389.8 | 1327.2 | 1269.9 | 1217.4 | 1168.8 | 1129.0 |
| 20° | 1779.8 | 1705.9 | 1621.0 | 1537.2 | 1452.3 | 1378.4 | 1311.1 | 1247.5 | 1193.3 | 1140.7 | 1099.6 |
| 22.5° | 1795.6 | 1713.8 | 1621.0 | 1533.3 | 1445.3 | 1365.2 | 1291.3 | 1225.2 | 1166.2 | 1113.6 | 1068.1 |
| 25° | 1800.6 | 1713.0 | 1618.3 | 1517.5 | 1421.1 | 1336.3 | 1259.6 | 1187.8 | 1122.1 | 1069.5 | 1021.4 |
| 27.5° | 1793.7 | 1690.4 | 1593.4 | 1490.0 | 1390.6 | 1301.1 | 1220.6 | 1145.3 | 1079.4 | 1023.0 | 973.6 |
| 30° | 1783.1 | 1672.5 | 1568.4 | 1461.1 | 1360.3 | 1274.4 | 1189.5 | 1117.2 | 1048.7 | 990.1 | 940.3 |
| 32.5° | 1760.3 | 1650.6 | 1538.7 | 1428.7 | 1326.6 | 1238.0 | 1157.5 | 1084.7 | 1017.6 | 957.7 | 904.8 |
| 35° | 1715.2 | 1604.0 | 1482.5 | 1369.7 | 1269.4 | 1177.4 | 1101.8 | 1031.7 | 967.7 | 903.6 | 847.7 |
| 37.5° | 1655.7 | 1542.1 | 1421.3 | 1297.7 | 1197.4 | 1110.5 | 1041.2 | 975.3 | 912.8 | 854.3 | 792.4 |
| 40° | 1599.7 | 1496.1 | 1371.3 | 1248.6 | 1145.7 | 1061.8 | 997.8 | 938.1 | 875.1 | 817.1 | 755.2 |
| 42.5° | 1531.8 | 1443.6 | 1317.4 | 1194.3 | 1092.7 | 1011.9 | 952.2 | 893.8 | 836.5 | 780.3 | 715.7 |
| 45° | 1418.4 | 1351.5 | 1233.3 | 1115.0 | 1012.6 | 932.6 | 877.9 | 826.4 | 776.0 | 722.3 | 661.6 |
| 47.5° | 1288.5 | 1243.3 | 1141.1 | 1020.0 | 925.3 | 853.3 | 800.4 | 758.4 | 715.7 | 662.1 | 608.8 |
| 50° | 1198.3 | 1169.2 | 1070.6 | 960.0 | 869.7 | 803.4 | 749.2 | 709.7 | 674.1 | 622.7 | 575.0 |
| 52.5° | 1101.8 | 1086.4 | 1003.1 | 897.4 | 810.1 | 745.1 | 698.8 | 663.3 | 627.2 | 584.6 | 540.0 |
| 55° | 955.1 | 963.3 | 892.6 | 801.2 | 719.1 | 664.3 | 622.1 | 592.6 | 561.9 | 525.8 | 491.2 |
| 57.5° | 805.0 | 835.0 | 787.6 | 707.3 | 630.3 | 579.7 | 548.0 | 523.1 | 497.3 | 467.4 | 437.9 |
| 60° | 715.2 | 740.4 | 713.6 | 642.9 | 575.6 | 528.5 | 498.9 | 479.7 | 454.0 | 426.6 | 404.2 |
| 62.5° | 627.6 | 654.5 | 638.7 | 581.6 | 519.0 | 478.6 | 452.5 | 434.6 | 415.4 | 391.6 | 368.2 |
| 65° | 517.5 | 535.0 | 527.4 | 488.0 | 443.6 | 409.1 | 385.0 | 371.9 | 354.3 | 336.8 | 316.0 |
| 67.5° | 396.4 | 430.2 | 425.7 | 404.8 | 366.5 | 339.5 | 323.8 | 312.1 | 296.2 | 283.1 | 269.0 |
| 70° | 325.8 | 357.0 | 356.5 | 339.5 | 318.7 | 293.5 | 282.6 | 272.7 | 258.5 | 245.9 | 234.4 |
| 72.5° | 266.7 | 295.3 | 299.5 | 286.5 | 272.3 | 253.3 | 242.7 | 235.9 | 222.1 | 213.5 | 204.1 |
| 75° | 186.7 | 207.6 | 213.0 | 213.0 | 206.4 | 196.6 | 187.3 | 182.9 | 173.1 | 165.4 | 159.9 |
| 77.5° | 122.5 | 135.6 | 144.2 | 146.1 | 147.1 | 143.8 | 136.2 | 133.1 | 125.5 | 122.8 | 117.6 |
| 80° | 86.5 | 95.3 | 105.1 | 108.4 | 111.1 | 110.1 | 106.8 | 104.6 | 97.5 | 94.7 | 92.5 |
| 82.5° | 59.8 | 64.6 | 72.7 | 79.9 | 79.2 | 82.1 | 79.2 | 77.5 | 72.1 | 71.1 | 68.9 |
| 85° | 31.2 | 31.8 | 32.9 | 37.8 | 40.6 | 41.6 | 42.1 | 41.0 | 39.5 | 39.5 | 35.6 |
| 87.5° | 13.9 | 13.2 | 13.7 | 13.3 | 13.3 | 14.6 | 15.4 | 15.4 | 14.6 | 13.7 | 12.8 |
| 90° | 17.0 | 15.4 | 13.7 | 11.7 | 9.5 | 7.3 | 5.0 | 2.8 | 5.0 | 7.3 | 9.5 |
| 92.5° | 16.2 | 14.6 | 13.0 | 12.1 | 12.0 | 11.9 | 11.7 | 11.6 | 11.7 | 11.9 | 12.0 |
| 95° | 19.8 | 19.6 | 19.4 | 22.8 | 29.8 | 36.7 | 43.6 | 50.6 | 43.6 | 36.7 | 29.8 |
| 97.5° | 69.9 | 92.8 | 115.6 | 124.8 | 120.5 | 116.2 | 111.9 | 107.5 | 111.9 | 116.2 | 120.5 |
| 100° | 97.0 | 125.2 | 153.4 | 165.7 | 162.0 | 158.4 | 154.6 | 151.0 | 154.6 | 158.4 | 162.0 |
| 102.5° | 202.5 | 206.2 | 209.8 | 210.3 | 207.6 | 204.9 | 202.2 | 199.6 | 202.2 | 204.9 | 207.6 |
| 105° | 285.1 | 284.2 | 283.1 | 281.9 | 280.7 | 279.5 | 278.3 | 277.0 | 278.3 | 279.5 | 280.7 |
| 107.5° | 355.3 | 353.9 | 352.5 | 351.5 | 350.9 | 350.3 | 349.7 | 349.0 | 349.7 | 350.3 | 350.9 |
| 110° | 403.5 | 402.3 | 401.0 | 400.1 | 399.5 | 398.9 | 398.2 | 397.7 | 398.2 | 398.9 | 399.5 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 451.1 | 450.6 | 450.0 | 449.2 | 448.1 | 446.9 | 445.9 | 444.8 | 445.9 | 446.9 | 448.1 |
| 115° | 519.6 | 519.8 | 520.0 | 519.8 | 519.1 | 518.6 | 517.9 | 517.3 | 517.9 | 518.6 | 519.1 |
| 117.5° | 587.5 | 587.0 | 586.5 | 585.9 | 585.1 | 584.3 | 583.4 | 582.7 | 583.4 | 584.3 | 585.1 |
| 120° | 630.0 | 630.3 | 630.4 | 630.1 | 629.3 | 628.5 | 627.6 | 626.9 | 627.6 | 628.5 | 629.3 |
| 122.5° | 671.0 | 670.7 | 670.4 | 670.0 | 669.6 | 669.1 | 668.6 | 668.0 | 668.6 | 669.1 | 669.6 |
| 125° | 729.8 | 730.2 | 730.6 | 730.5 | 729.6 | 728.8 | 728.0 | 727.1 | 728.0 | 728.8 | 729.6 |
| 127.5° | 786.4 | 785.4 | 784.5 | 783.9 | 783.8 | 783.5 | 783.3 | 783.2 | 783.3 | 783.5 | 783.8 |
| 130° | 821.7 | 821.1 | 820.5 | 820.1 | 819.8 | 819.7 | 819.4 | 819.2 | 819.4 | 819.7 | 819.8 |
| 132.5° | 856.0 | 855.2 | 854.4 | 853.8 | 853.5 | 853.1 | 852.7 | 852.4 | 852.7 | 853.1 | 853.5 |
| 135° | 903.2 | 902.4 | 901.6 | 901.3 | 901.4 | 901.7 | 901.9 | 902.1 | 901.9 | 901.7 | 901.4 |
| 137.5° | 948.7 | 947.8 | 946.9 | 946.4 | 946.3 | 946.3 | 946.2 | 946.1 | 946.2 | 946.3 | 946.3 |
| 140° | 977.6 | 977.2 | 976.8 | 976.4 | 976.0 | 975.6 | 975.2 | 974.8 | 975.2 | 975.6 | 976.0 |
| 142.5° | 1004.5 | 1004.2 | 1004.0 | 1003.5 | 1002.7 | 1002.0 | 1001.3 | 1000.5 | 1001.3 | 1002.0 | 1002.7 |
| 145° | 1042.9 | 1042.9 | 1042.9 | 1042.6 | 1042.0 | 1041.4 | 1040.8 | 1040.1 | 1040.8 | 1041.4 | 1042.0 |
| 147.5° | 1076.3 | 1076.5 | 1076.7 | 1076.2 | 1075.1 | 1073.9 | 1072.8 | 1071.6 | 1072.8 | 1073.9 | 1075.1 |
| 150° | 1097.6 | 1097.8 | 1098.0 | 1097.7 | 1096.9 | 1096.1 | 1095.3 | 1094.5 | 1095.3 | 1096.1 | 1096.9 |
| 152.5° | 1115.6 | 1116.0 | 1116.3 | 1116.2 | 1115.6 | 1114.9 | 1114.3 | 1113.6 | 1114.3 | 1114.9 | 1115.6 |
| 155° | 1139.9 | 1140.5 | 1141.1 | 1141.3 | 1141.1 | 1140.9 | 1140.7 | 1140.5 | 1140.7 | 1140.9 | 1141.1 |
| 157.5° | 1160.9 | 1161.5 | 1162.2 | 1162.6 | 1162.8 | 1162.8 | 1163.0 | 1163.1 | 1163.0 | 1162.8 | 1162.8 |
| 160° | 1173.1 | 1173.3 | 1173.5 | 1173.9 | 1174.6 | 1175.1 | 1175.8 | 1176.4 | 1175.8 | 1175.1 | 1174.6 |
| 162.5° | 1184.2 | 1184.3 | 1184.6 | 1185.0 | 1185.8 | 1186.6 | 1187.4 | 1188.1 | 1187.4 | 1186.6 | 1185.8 |
| 165° | 1198.5 | 1198.5 | 1198.5 | 1199.0 | 1200.0 | 1201.0 | 1202.1 | 1203.1 | 1202.1 | 1201.0 | 1200.0 |
| 167.5° | 1209.7 | 1209.9 | 1210.0 | 1210.6 | 1211.6 | 1212.8 | 1213.8 | 1214.8 | 1213.8 | 1212.8 | 1211.6 |
| 170° | 1216.5 | 1216.2 | 1216.1 | 1216.6 | 1217.8 | 1219.0 | 1220.3 | 1221.5 | 1220.3 | 1219.0 | 1217.8 |
| 172.5° | 1220.9 | 1220.7 | 1220.4 | 1221.0 | 1222.2 | 1223.4 | 1224.6 | 1225.9 | 1224.6 | 1223.4 | 1222.2 |
| 175° | 1225.7 | 1225.4 | 1225.3 | 1225.7 | 1227.0 | 1228.2 | 1229.5 | 1230.7 | 1229.5 | 1228.2 | 1227.0 |
| 177.5° | 1228.5 | 1228.2 | 1227.9 | 1228.3 | 1229.5 | 1230.6 | 1231.8 | 1232.9 | 1231.8 | 1230.6 | 1229.5 |
| 180° | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 |
| 2.5° | 1334.7 | 1330.3 | 1324.6 | 1318.0 | 1310.2 | 1303.1 | 1300.1 | 1302.7 | 1304.0 | 1300.5 | 1300.1 |
| 5° | 1294.1 | 1280.4 | 1269.4 | 1253.0 | 1239.8 | 1228.9 | 1221.2 | 1218.0 | 1219.0 | 1210.3 | 1208.1 |
| 7.5° | 1248.4 | 1232.2 | 1214.3 | 1194.7 | 1176.5 | 1160.5 | 1152.0 | 1147.4 | 1138.1 | 1134.2 | 1127.5 |
| 10° | 1219.0 | 1197.1 | 1179.6 | 1156.6 | 1135.8 | 1116.7 | 1107.3 | 1099.6 | 1090.4 | 1086.0 | 1076.7 |
| 12.5° | 1188.8 | 1163.4 | 1144.1 | 1120.2 | 1099.0 | 1075.9 | 1067.0 | 1052.8 | 1038.2 | 1029.0 | 1017.1 |
| 15° | 1146.2 | 1115.6 | 1092.0 | 1063.5 | 1038.3 | 1012.0 | 988.5 | 962.2 | 952.4 | 931.5 | 919.5 |
| 17.5° | 1096.4 | 1065.2 | 1036.1 | 997.9 | 959.0 | 926.4 | 901.3 | 876.1 | 861.0 | 847.7 | 841.6 |
| 20° | 1063.5 | 1035.1 | 994.5 | 950.1 | 906.9 | 870.8 | 850.5 | 834.1 | 817.6 | 808.3 | 801.8 |
| 22.5° | 1032.4 | 996.0 | 949.0 | 901.1 | 857.9 | 829.6 | 812.4 | 795.5 | 782.1 | 773.2 | 764.5 |
| 25° | 980.2 | 932.6 | 882.8 | 828.1 | 798.4 | 773.8 | 755.2 | 741.5 | 733.3 | 721.8 | 717.4 |
| 27.5° | 926.7 | 869.0 | 814.0 | 777.2 | 746.4 | 723.9 | 707.7 | 697.4 | 687.0 | 679.6 | 673.9 |
| 30° | 885.5 | 827.0 | 777.7 | 742.6 | 711.4 | 692.8 | 679.6 | 667.6 | 659.3 | 653.3 | 649.0 |
| 32.5° | 844.8 | 786.2 | 744.8 | 707.1 | 682.5 | 664.3 | 650.3 | 641.3 | 634.9 | 627.0 | 624.4 |
| 35° | 785.8 | 733.8 | 697.7 | 663.8 | 638.6 | 622.1 | 611.2 | 601.8 | 596.4 | 594.2 | 592.6 |
| 37.5° | 729.2 | 686.7 | 647.8 | 620.0 | 597.5 | 584.6 | 571.6 | 567.0 | 563.3 | 559.4 | 561.1 |
| 40° | 693.3 | 653.3 | 618.9 | 589.2 | 571.2 | 557.0 | 549.3 | 543.8 | 540.5 | 540.5 | 540.5 |
| 42.5° | 662.2 | 623.1 | 589.5 | 563.0 | 544.9 | 532.8 | 524.3 | 519.7 | 518.6 | 518.2 | 520.8 |
| 45° | 613.9 | 577.7 | 543.8 | 521.9 | 506.6 | 494.5 | 489.6 | 485.8 | 485.8 | 488.0 | 488.5 |
| 47.5° | 566.0 | 532.2 | 504.9 | 480.4 | 466.4 | 458.8 | 454.6 | 452.6 | 452.8 | 455.0 | 457.5 |
| 50° | 536.7 | 503.3 | 476.4 | 454.6 | 441.4 | 434.3 | 430.5 | 429.4 | 430.5 | 430.5 | 434.3 |
| 52.5° | 504.7 | 474.8 | 448.4 | 430.0 | 415.1 | 408.4 | 406.3 | 404.8 | 405.4 | 407.3 | 408.8 |
| 55° | 457.8 | 431.0 | 405.8 | 388.2 | 377.3 | 373.0 | 368.0 | 368.5 | 367.5 | 368.5 | 368.5 |
| 57.5° | 410.8 | 386.7 | 363.3 | 349.4 | 339.8 | 333.4 | 328.0 | 329.5 | 328.0 | 327.7 | 326.9 |
| 60° | 380.6 | 354.3 | 335.7 | 323.1 | 312.1 | 306.7 | 301.7 | 302.9 | 301.2 | 300.1 | 297.9 |
| 62.5° | 347.8 | 325.8 | 308.1 | 296.0 | 287.2 | 280.8 | 275.9 | 274.8 | 271.0 | 267.3 | 262.4 |
| 65° | 300.1 | 282.0 | 266.2 | 254.7 | 246.4 | 241.5 | 237.7 | 234.4 | 226.2 | 217.4 | 213.0 |
| 67.5° | 253.8 | 240.7 | 225.9 | 216.2 | 209.5 | 203.0 | 195.7 | 190.1 | 182.4 | 177.7 | 174.9 |
| 70° | 223.9 | 211.4 | 198.8 | 189.5 | 182.4 | 176.3 | 168.1 | 164.3 | 158.8 | 156.6 | 153.9 |
| 72.5° | 195.5 | 183.8 | 172.1 | 163.7 | 156.1 | 151.4 | 144.9 | 141.1 | 138.6 | 137.8 | 135.1 |
| 75° | 152.3 | 142.9 | 134.2 | 126.5 | 120.5 | 117.2 | 114.5 | 111.7 | 110.6 | 105.7 | 103.0 |
| 77.5° | 111.1 | 105.0 | 99.4 | 94.0 | 89.7 | 87.5 | 82.2 | 79.1 | 77.2 | 74.9 | 74.4 |
| 80° | 86.5 | 82.1 | 76.7 | 73.4 | 67.3 | 65.2 | 63.0 | 62.4 | 61.9 | 61.3 | 60.8 |
| 82.5° | 65.0 | 60.7 | 55.2 | 53.2 | 51.6 | 50.3 | 49.0 | 48.4 | 47.8 | 48.2 | 48.1 |
| 85° | 32.9 | 30.7 | 30.7 | 30.1 | 29.5 | 29.0 | 28.4 | 28.4 | 28.0 | 28.4 | 28.0 |
| 87.5° | 13.3 | 13.2 | 13.5 | 13.1 | 13.8 | 14.1 | 13.9 | 14.2 | 14.9 | 14.3 | 14.4 |
| 90° | 11.7 | 13.7 | 15.4 | 17.0 | 18.6 | 20.3 | 21.5 | 22.7 | 23.9 | 25.2 | 26.0 |
| 92.5° | 12.1 | 13.0 | 14.6 | 16.2 | 17.9 | 19.5 | 20.8 | 21.9 | 23.2 | 24.4 | 25.1 |
| 95° | 22.8 | 19.4 | 19.6 | 19.8 | 20.0 | 20.3 | 21.5 | 22.7 | 23.9 | 25.2 | 25.9 |
| 97.5° | 124.8 | 115.6 | 92.8 | 69.9 | 47.1 | 24.3 | 24.4 | 24.6 | 24.6 | 24.8 | 25.0 |
| 100° | 165.7 | 153.4 | 125.2 | 97.0 | 68.8 | 40.5 | 37.0 | 33.5 | 30.1 | 26.6 | 25.0 |
| 102.5° | 210.3 | 209.8 | 206.2 | 202.5 | 198.8 | 195.1 | 157.6 | 120.1 | 82.6 | 45.1 | 26.4 |
| 105° | 281.9 | 283.1 | 284.2 | 285.1 | 286.1 | 287.2 | 289.1 | 290.9 | 292.7 | 294.5 | 291.8 |
| 107.5° | 351.5 | 352.5 | 353.9 | 355.3 | 356.6 | 358.1 | 358.9 | 359.9 | 360.8 | 361.6 | 362.5 |
| 110° | 400.1 | 401.0 | 402.3 | 403.5 | 404.7 | 405.9 | 406.3 | 406.8 | 407.2 | 407.6 | 408.1 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 449.2 | 450.0 | 450.6 | 451.1 | 451.8 | 452.3 | 452.3 | 452.2 | 452.1 | 452.0 | 452.3 |
| 115° | 519.8 | 520.0 | 519.8 | 519.6 | 519.4 | 519.1 | 519.6 | 520.0 | 520.4 | 520.8 | 521.0 |
| 117.5° | 585.9 | 586.5 | 587.0 | 587.5 | 588.0 | 588.4 | 588.3 | 588.2 | 588.1 | 588.0 | 588.0 |
| 120° | 630.1 | 630.4 | 630.3 | 630.0 | 629.8 | 629.6 | 630.0 | 630.4 | 630.8 | 631.2 | 631.2 |
| 122.5° | 670.0 | 670.4 | 670.7 | 671.0 | 671.3 | 671.6 | 671.8 | 672.1 | 672.3 | 672.6 | 672.5 |
| 125° | 730.5 | 730.6 | 730.2 | 729.8 | 729.4 | 729.0 | 729.6 | 730.2 | 730.9 | 731.5 | 731.9 |
| 127.5° | 783.9 | 784.5 | 785.4 | 786.4 | 787.3 | 788.3 | 788.1 | 788.1 | 787.9 | 787.8 | 787.7 |
| 130° | 820.1 | 820.5 | 821.1 | 821.7 | 822.3 | 822.9 | 823.1 | 823.3 | 823.6 | 823.7 | 823.8 |
| 132.5° | 853.8 | 854.4 | 855.2 | 856.0 | 856.7 | 857.5 | 857.7 | 857.9 | 858.2 | 858.3 | 858.3 |
| 135° | 901.3 | 901.6 | 902.4 | 903.2 | 904.0 | 904.8 | 905.2 | 905.6 | 906.0 | 906.5 | 906.9 |
| 137.5° | 946.4 | 946.9 | 947.8 | 948.7 | 949.6 | 950.5 | 950.9 | 951.4 | 951.8 | 952.3 | 952.4 |
| 140° | 976.4 | 976.8 | 977.2 | 977.6 | 978.0 | 978.5 | 979.1 | 979.7 | 980.3 | 981.0 | 981.4 |
| 142.5° | 1003.5 | 1004.0 | 1004.2 | 1004.5 | 1004.7 | 1005.0 | 1005.4 | 1005.9 | 1006.3 | 1006.8 | 1007.0 |
| 145° | 1042.6 | 1042.9 | 1042.9 | 1042.9 | 1042.9 | 1042.9 | 1043.1 | 1043.3 | 1043.5 | 1043.7 | 1044.0 |
| 147.5° | 1076.2 | 1076.7 | 1076.5 | 1076.3 | 1076.0 | 1075.9 | 1076.0 | 1076.2 | 1076.3 | 1076.5 | 1076.7 |
| 150° | 1097.7 | 1098.0 | 1097.8 | 1097.6 | 1097.4 | 1097.2 | 1097.2 | 1097.2 | 1097.2 | 1097.2 | 1097.3 |
| 152.5° | 1116.2 | 1116.3 | 1116.0 | 1115.6 | 1115.2 | 1114.9 | 1115.2 | 1115.6 | 1115.9 | 1116.2 | 1116.3 |
| 155° | 1141.3 | 1141.1 | 1140.5 | 1139.9 | 1139.2 | 1138.6 | 1139.5 | 1140.3 | 1141.1 | 1141.9 | 1142.0 |
| 157.5° | 1162.6 | 1162.2 | 1161.5 | 1160.9 | 1160.2 | 1159.4 | 1160.5 | 1161.6 | 1162.6 | 1163.7 | 1163.7 |
| 160° | 1173.9 | 1173.5 | 1173.3 | 1173.1 | 1172.9 | 1172.7 | 1173.9 | 1175.1 | 1176.4 | 1177.6 | 1177.6 |
| 162.5° | 1185.0 | 1184.6 | 1184.3 | 1184.2 | 1183.9 | 1183.8 | 1184.9 | 1186.2 | 1187.4 | 1188.7 | 1188.6 |
| 165° | 1199.0 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1200.1 | 1201.7 | 1203.4 | 1205.0 | 1204.9 |
| 167.5° | 1210.6 | 1210.0 | 1209.9 | 1209.7 | 1209.7 | 1209.5 | 1211.3 | 1213.1 | 1214.9 | 1216.7 | 1216.6 |
| 170° | 1216.6 | 1216.1 | 1216.2 | 1216.5 | 1216.6 | 1216.9 | 1218.5 | 1220.1 | 1221.8 | 1223.4 | 1223.2 |
| 172.5° | 1221.0 | 1220.4 | 1220.7 | 1220.9 | 1221.1 | 1221.3 | 1222.9 | 1224.6 | 1226.2 | 1227.8 | 1227.6 |
| 175° | 1225.7 | 1225.3 | 1225.4 | 1225.7 | 1225.9 | 1226.1 | 1227.9 | 1229.8 | 1231.6 | 1233.4 | 1233.1 |
| 177.5° | 1228.3 | 1227.9 | 1228.2 | 1228.5 | 1228.9 | 1229.2 | 1230.5 | 1231.8 | 1233.1 | 1234.5 | 1234.1 |
| 180° | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 |
| 2.5° | 1297.4 | 1298.3 | 1295.3 | 1294.4 | 1295.3 | 1298.3 | 1297.4 | 1300.1 | 1300.5 | 1304.0 | 1302.7 |
| 5° | 1203.7 | 1202.6 | 1199.8 | 1200.4 | 1199.8 | 1202.6 | 1203.7 | 1208.1 | 1210.3 | 1219.0 | 1218.0 |
| 7.5° | 1123.6 | 1119.3 | 1120.5 | 1116.1 | 1120.5 | 1119.3 | 1123.6 | 1127.5 | 1134.2 | 1138.1 | 1147.4 |
| 10° | 1074.4 | 1068.4 | 1063.5 | 1059.1 | 1063.5 | 1068.4 | 1074.4 | 1076.7 | 1086.0 | 1090.4 | 1099.6 |
| 12.5° | 1007.4 | 1002.3 | 995.6 | 997.0 | 995.6 | 1002.3 | 1007.4 | 1017.1 | 1029.0 | 1038.2 | 1052.8 |
| 15° | 912.4 | 904.1 | 891.0 | 892.6 | 891.0 | 904.1 | 912.4 | 919.5 | 931.5 | 952.4 | 962.2 |
| 17.5° | 831.9 | 831.9 | 825.9 | 827.4 | 825.9 | 831.9 | 831.9 | 841.6 | 847.7 | 861.0 | 876.1 |
| 20° | 790.3 | 786.4 | 787.0 | 785.3 | 787.0 | 786.4 | 790.3 | 801.8 | 808.3 | 817.6 | 834.1 |
| 22.5° | 761.4 | 756.6 | 752.8 | 749.4 | 752.8 | 756.6 | 761.4 | 764.5 | 773.2 | 782.1 | 795.5 |
| 25° | 712.5 | 709.2 | 704.3 | 703.1 | 704.3 | 709.2 | 712.5 | 717.4 | 721.8 | 733.3 | 741.5 |
| 27.5° | 669.6 | 668.9 | 666.9 | 664.4 | 666.9 | 668.9 | 669.6 | 673.9 | 679.6 | 687.0 | 697.4 |
| 30° | 644.6 | 643.5 | 642.4 | 640.7 | 642.4 | 643.5 | 644.6 | 649.0 | 653.3 | 659.3 | 667.6 |
| 32.5° | 622.3 | 621.5 | 620.4 | 620.6 | 620.4 | 621.5 | 622.3 | 624.4 | 627.0 | 634.9 | 641.3 |
| 35° | 590.3 | 589.8 | 588.7 | 588.2 | 588.7 | 589.8 | 590.3 | 592.6 | 594.2 | 596.4 | 601.8 |
| 37.5° | 560.5 | 562.0 | 561.3 | 561.2 | 561.3 | 562.0 | 560.5 | 561.1 | 559.4 | 563.3 | 567.0 |
| 40° | 540.0 | 540.5 | 541.6 | 541.1 | 541.6 | 540.5 | 540.0 | 540.5 | 540.5 | 540.5 | 543.8 |
| 42.5° | 522.9 | 523.0 | 524.5 | 522.7 | 524.5 | 523.0 | 522.9 | 520.8 | 518.2 | 518.6 | 519.7 |
| 45° | 492.3 | 495.6 | 495.0 | 495.0 | 495.0 | 495.6 | 492.3 | 488.5 | 488.0 | 485.8 | 485.8 |
| 47.5° | 458.9 | 461.8 | 462.6 | 462.4 | 462.6 | 461.8 | 458.9 | 457.5 | 455.0 | 452.8 | 452.6 |
| 50° | 437.0 | 435.9 | 437.6 | 437.0 | 437.6 | 435.9 | 437.0 | 434.3 | 430.5 | 430.5 | 429.4 |
| 52.5° | 410.3 | 410.5 | 410.4 | 409.9 | 410.4 | 410.5 | 410.3 | 408.8 | 407.3 | 405.4 | 404.8 |
| 55° | 369.1 | 369.6 | 368.5 | 369.1 | 368.5 | 369.6 | 369.1 | 368.5 | 368.5 | 367.5 | 368.5 |
| 57.5° | 324.4 | 321.8 | 322.9 | 321.5 | 322.9 | 321.8 | 324.4 | 326.9 | 327.7 | 328.0 | 329.5 |
| 60° | 292.5 | 288.0 | 286.9 | 284.8 | 286.9 | 288.0 | 292.5 | 297.9 | 300.1 | 301.2 | 302.9 |
| 62.5° | 256.5 | 253.4 | 249.7 | 251.4 | 249.7 | 253.4 | 256.5 | 262.4 | 267.3 | 271.0 | 274.8 |
| 65° | 208.7 | 206.4 | 204.8 | 207.0 | 204.8 | 206.4 | 208.7 | 213.0 | 217.4 | 226.2 | 234.4 |
| 67.5° | 172.7 | 171.5 | 171.5 | 170.4 | 171.5 | 171.5 | 172.7 | 174.9 | 177.7 | 182.4 | 190.1 |
| 70° | 153.9 | 152.3 | 152.3 | 151.1 | 152.3 | 152.3 | 153.9 | 153.9 | 156.6 | 158.8 | 164.3 |
| 72.5° | 134.6 | 132.9 | 133.4 | 132.8 | 133.4 | 132.9 | 134.6 | 135.1 | 137.8 | 138.6 | 141.1 |
| 75° | 99.7 | 97.0 | 97.0 | 97.5 | 97.0 | 97.0 | 99.7 | 103.0 | 105.7 | 110.6 | 111.7 |
| 77.5° | 74.4 | 73.8 | 74.6 | 73.6 | 74.6 | 73.8 | 74.4 | 74.4 | 74.9 | 77.2 | 79.1 |
| 80° | 60.8 | 60.2 | 59.7 | 61.3 | 59.7 | 60.2 | 60.8 | 60.8 | 61.3 | 61.9 | 62.4 |
| 82.5° | 47.2 | 47.1 | 47.0 | 49.0 | 47.0 | 47.1 | 47.2 | 48.1 | 48.2 | 47.8 | 48.4 |
| 85° | 28.4 | 27.4 | 28.4 | 27.4 | 28.4 | 27.4 | 28.4 | 28.0 | 28.4 | 28.0 | 28.4 |
| 87.5° | 15.4 | 15.0 | 14.7 | 15.1 | 14.7 | 15.0 | 15.4 | 14.4 | 14.3 | 14.9 | 14.2 |
| 90° | 26.4 | 26.8 | 27.2 | 27.6 | 27.2 | 26.8 | 26.4 | 26.0 | 25.2 | 23.9 | 22.7 |
| 92.5° | 25.2 | 25.3 | 25.3 | 25.4 | 25.3 | 25.3 | 25.2 | 25.1 | 24.4 | 23.2 | 21.9 |
| 95° | 26.1 | 26.3 | 26.5 | 26.7 | 26.5 | 26.3 | 26.1 | 25.9 | 25.2 | 23.9 | 22.7 |
| 97.5° | 25.2 | 25.3 | 25.6 | 25.7 | 25.6 | 25.3 | 25.2 | 25.0 | 24.8 | 24.6 | 24.6 |
| 100° | 25.2 | 25.3 | 25.6 | 25.7 | 25.6 | 25.3 | 25.2 | 25.0 | 26.6 | 30.1 | 33.5 |
| 102.5° | 26.4 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.4 | 26.4 | 45.1 | 82.6 | 120.1 |
| 105° | 284.4 | 277.0 | 269.7 | 262.4 | 269.7 | 277.0 | 284.4 | 291.8 | 294.5 | 292.7 | 290.9 |
| 107.5° | 363.3 | 364.1 | 364.8 | 365.6 | 364.8 | 364.1 | 363.3 | 362.5 | 361.6 | 360.8 | 359.9 |
| 110° | 408.7 | 409.3 | 410.0 | 410.5 | 410.0 | 409.3 | 408.7 | 408.1 | 407.6 | 407.2 | 406.8 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 453.1 | 453.9 | 454.7 | 455.4 | 454.7 | 453.9 | 453.1 | 452.3 | 452.0 | 452.1 | 452.2 |
| 115° | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 | 520.8 | 520.4 | 520.0 |
| 117.5° | 587.9 | 587.8 | 587.7 | 587.6 | 587.7 | 587.8 | 587.9 | 588.0 | 588.0 | 588.1 | 588.2 |
| 120° | 630.8 | 630.4 | 630.0 | 629.6 | 630.0 | 630.4 | 630.8 | 631.2 | 631.2 | 630.8 | 630.4 |
| 122.5° | 672.1 | 671.7 | 671.2 | 670.8 | 671.2 | 671.7 | 672.1 | 672.5 | 672.6 | 672.3 | 672.1 |
| 125° | 732.1 | 732.3 | 732.5 | 732.7 | 732.5 | 732.3 | 732.1 | 731.9 | 731.5 | 730.9 | 730.2 |
| 127.5° | 787.5 | 787.3 | 787.2 | 787.0 | 787.2 | 787.3 | 787.5 | 787.7 | 787.8 | 787.9 | 788.1 |
| 130° | 823.8 | 823.8 | 823.8 | 823.8 | 823.8 | 823.8 | 823.8 | 823.8 | 823.7 | 823.6 | 823.3 |
| 132.5° | 858.2 | 858.0 | 857.9 | 857.7 | 857.9 | 858.0 | 858.2 | 858.3 | 858.3 | 858.2 | 857.9 |
| 135° | 907.3 | 907.7 | 908.1 | 908.5 | 908.1 | 907.7 | 907.3 | 906.9 | 906.5 | 906.0 | 905.6 |
| 137.5° | 952.4 | 952.2 | 952.0 | 952.0 | 952.0 | 952.2 | 952.4 | 952.4 | 952.3 | 951.8 | 951.4 |
| 140° | 981.5 | 981.8 | 981.9 | 982.1 | 981.9 | 981.8 | 981.5 | 981.4 | 981.0 | 980.3 | 979.7 |
| 142.5° | 1007.1 | 1007.1 | 1007.2 | 1007.2 | 1007.2 | 1007.1 | 1007.1 | 1007.0 | 1006.8 | 1006.3 | 1005.9 |
| 145° | 1044.4 | 1044.8 | 1045.3 | 1045.7 | 1045.3 | 1044.8 | 1044.4 | 1044.0 | 1043.7 | 1043.5 | 1043.3 |
| 147.5° | 1076.9 | 1077.1 | 1077.3 | 1077.5 | 1077.3 | 1077.1 | 1076.9 | 1076.7 | 1076.5 | 1076.3 | 1076.2 |
| 150° | 1097.5 | 1097.7 | 1098.0 | 1098.1 | 1098.0 | 1097.7 | 1097.5 | 1097.3 | 1097.2 | 1097.2 | 1097.2 |
| 152.5° | 1116.2 | 1116.0 | 1115.9 | 1115.8 | 1115.9 | 1116.0 | 1116.2 | 1116.3 | 1116.2 | 1115.9 | 1115.6 |
| 155° | 1141.4 | 1140.7 | 1140.2 | 1139.6 | 1140.2 | 1140.7 | 1141.4 | 1142.0 | 1141.9 | 1141.1 | 1140.3 |
| 157.5° | 1162.6 | 1161.6 | 1160.5 | 1159.4 | 1160.5 | 1161.6 | 1162.6 | 1163.7 | 1163.7 | 1162.6 | 1161.6 |
| 160° | 1176.4 | 1175.1 | 1173.9 | 1172.7 | 1173.9 | 1175.1 | 1176.4 | 1177.6 | 1177.6 | 1176.4 | 1175.1 |
| 162.5° | 1187.2 | 1185.8 | 1184.4 | 1183.0 | 1184.4 | 1185.8 | 1187.2 | 1188.6 | 1188.7 | 1187.4 | 1186.2 |
| 165° | 1203.1 | 1201.2 | 1199.4 | 1197.5 | 1199.4 | 1201.2 | 1203.1 | 1204.9 | 1205.0 | 1203.4 | 1201.7 |
| 167.5° | 1214.6 | 1212.5 | 1210.5 | 1208.4 | 1210.5 | 1212.5 | 1214.6 | 1216.6 | 1216.7 | 1214.9 | 1213.1 |
| 170° | 1221.1 | 1219.1 | 1217.1 | 1215.0 | 1217.1 | 1219.1 | 1221.1 | 1223.2 | 1223.4 | 1221.8 | 1220.1 |
| 172.5° | 1225.3 | 1223.1 | 1220.9 | 1218.7 | 1220.9 | 1223.1 | 1225.3 | 1227.6 | 1227.8 | 1226.2 | 1224.6 |
| 175° | 1230.7 | 1228.2 | 1225.7 | 1223.3 | 1225.7 | 1228.2 | 1230.7 | 1233.1 | 1233.4 | 1231.6 | 1229.8 |
| 177.5° | 1232.2 | 1230.2 | 1228.2 | 1226.3 | 1228.2 | 1230.2 | 1232.2 | 1234.1 | 1234.5 | 1233.1 | 1231.8 |
| 180° | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 |
| 2.5° | 1300.1 | 1303.1 | 1310.2 | 1318.0 | 1324.6 | 1330.3 | 1334.7 | 1340.8 | 1346.6 | 1354.4 | 1361.8 |
| 5° | 1221.2 | 1228.9 | 1239.8 | 1253.0 | 1269.4 | 1280.4 | 1294.1 | 1306.2 | 1323.7 | 1341.2 | 1358.1 |
| 7.5° | 1152.0 | 1160.5 | 1176.5 | 1194.7 | 1214.3 | 1232.2 | 1248.4 | 1269.6 | 1292.8 | 1318.3 | 1346.9 |
| 10° | 1107.3 | 1116.7 | 1135.8 | 1156.6 | 1179.6 | 1197.1 | 1219.0 | 1244.2 | 1270.5 | 1301.7 | 1336.8 |
| 12.5° | 1067.0 | 1075.9 | 1099.0 | 1120.2 | 1144.1 | 1163.4 | 1188.8 | 1214.4 | 1249.5 | 1283.3 | 1323.2 |
| 15° | 988.5 | 1012.0 | 1038.3 | 1063.5 | 1092.0 | 1115.6 | 1146.2 | 1172.5 | 1205.9 | 1253.5 | 1299.0 |
| 17.5° | 901.3 | 926.4 | 959.0 | 997.9 | 1036.1 | 1065.2 | 1096.4 | 1129.0 | 1168.8 | 1217.4 | 1269.9 |
| 20° | 850.5 | 870.8 | 906.9 | 950.1 | 994.5 | 1035.1 | 1063.5 | 1099.6 | 1140.7 | 1193.3 | 1247.5 |
| 22.5° | 812.4 | 829.6 | 857.9 | 901.1 | 949.0 | 996.0 | 1032.4 | 1068.1 | 1113.6 | 1166.2 | 1225.2 |
| 25° | 755.2 | 773.8 | 798.4 | 828.1 | 882.8 | 932.6 | 980.2 | 1021.4 | 1069.5 | 1122.1 | 1187.8 |
| 27.5° | 707.7 | 723.9 | 746.4 | 777.2 | 814.0 | 869.0 | 926.7 | 973.6 | 1023.0 | 1079.4 | 1145.3 |
| 30° | 679.6 | 692.8 | 711.4 | 742.6 | 777.7 | 827.0 | 885.5 | 940.3 | 990.1 | 1048.7 | 1117.2 |
| 32.5° | 650.3 | 664.3 | 682.5 | 707.1 | 744.8 | 786.2 | 844.8 | 904.8 | 957.7 | 1017.6 | 1084.7 |
| 35° | 611.2 | 622.1 | 638.6 | 663.8 | 697.7 | 733.8 | 785.8 | 847.7 | 903.6 | 967.7 | 1031.7 |
| 37.5° | 571.6 | 584.6 | 597.5 | 620.0 | 647.8 | 686.7 | 729.2 | 792.4 | 854.3 | 912.8 | 975.3 |
| 40° | 549.3 | 557.0 | 571.2 | 589.2 | 618.9 | 653.3 | 693.3 | 755.2 | 817.1 | 875.1 | 938.1 |
| 42.5° | 524.3 | 532.8 | 544.9 | 563.0 | 589.5 | 623.1 | 662.2 | 715.7 | 780.3 | 836.5 | 893.8 |
| 45° | 489.6 | 494.5 | 506.6 | 521.9 | 543.8 | 577.7 | 613.9 | 661.6 | 722.3 | 776.0 | 826.4 |
| 47.5° | 454.6 | 458.8 | 466.4 | 480.4 | 504.9 | 532.2 | 566.0 | 608.8 | 662.1 | 715.7 | 758.4 |
| 50° | 430.5 | 434.3 | 441.4 | 454.6 | 476.4 | 503.3 | 536.7 | 575.0 | 622.7 | 674.1 | 709.7 |
| 52.5° | 406.3 | 408.4 | 415.1 | 430.0 | 448.4 | 474.8 | 504.7 | 540.0 | 584.6 | 627.2 | 663.3 |
| 55° | 368.0 | 373.0 | 377.3 | 388.2 | 405.8 | 431.0 | 457.8 | 491.2 | 525.8 | 561.9 | 592.6 |
| 57.5° | 328.0 | 333.4 | 339.8 | 349.4 | 363.3 | 386.7 | 410.8 | 437.9 | 467.4 | 497.3 | 523.1 |
| 60° | 301.7 | 306.7 | 312.1 | 323.1 | 335.7 | 354.3 | 380.6 | 404.2 | 426.6 | 454.0 | 479.7 |
| 62.5° | 275.9 | 280.8 | 287.2 | 296.0 | 308.1 | 325.8 | 347.8 | 368.2 | 391.6 | 415.4 | 434.6 |
| 65° | 237.7 | 241.5 | 246.4 | 254.7 | 266.2 | 282.0 | 300.1 | 316.0 | 336.8 | 354.3 | 371.9 |
| 67.5° | 195.7 | 203.0 | 209.5 | 216.2 | 225.9 | 240.7 | 253.8 | 269.0 | 283.1 | 296.2 | 312.1 |
| 70° | 168.1 | 176.3 | 182.4 | 189.5 | 198.8 | 211.4 | 223.9 | 234.4 | 245.9 | 258.5 | 272.7 |
| 72.5° | 144.9 | 151.4 | 156.1 | 163.7 | 172.1 | 183.8 | 195.5 | 204.1 | 213.5 | 222.1 | 235.9 |
| 75° | 114.5 | 117.2 | 120.5 | 126.5 | 134.2 | 142.9 | 152.3 | 159.9 | 165.4 | 173.1 | 182.9 |
| 77.5° | 82.2 | 87.5 | 89.7 | 94.0 | 99.4 | 105.0 | 111.1 | 117.6 | 122.8 | 125.5 | 133.1 |
| 80° | 63.0 | 65.2 | 67.3 | 73.4 | 76.7 | 82.1 | 86.5 | 92.5 | 94.7 | 97.5 | 104.6 |
| 82.5° | 49.0 | 50.3 | 51.6 | 53.2 | 55.2 | 60.7 | 65.0 | 68.9 | 71.1 | 72.1 | 77.5 |
| 85° | 28.4 | 29.0 | 29.5 | 30.1 | 30.7 | 30.7 | 32.9 | 35.6 | 39.5 | 39.5 | 41.0 |
| 87.5° | 13.9 | 14.1 | 13.8 | 13.1 | 13.5 | 13.2 | 13.3 | 12.8 | 13.7 | 14.6 | 15.4 |
| 90° | 21.5 | 20.3 | 18.6 | 17.0 | 15.4 | 13.7 | 11.7 | 9.5 | 7.3 | 5.0 | 2.8 |
| 92.5° | 20.8 | 19.5 | 17.9 | 16.2 | 14.6 | 13.0 | 12.1 | 12.0 | 11.9 | 11.7 | 11.6 |
| 95° | 21.5 | 20.3 | 20.0 | 19.8 | 19.6 | 19.4 | 22.8 | 29.8 | 36.7 | 43.6 | 50.6 |
| 97.5° | 24.4 | 24.3 | 47.1 | 69.9 | 92.8 | 115.6 | 124.8 | 120.5 | 116.2 | 111.9 | 107.5 |
| 100° | 37.0 | 40.5 | 68.8 | 97.0 | 125.2 | 153.4 | 165.7 | 162.0 | 158.4 | 154.6 | 151.0 |
| 102.5° | 157.6 | 195.1 | 198.8 | 202.5 | 206.2 | 209.8 | 210.3 | 207.6 | 204.9 | 202.2 | 199.6 |
| 105° | 289.1 | 287.2 | 286.1 | 285.1 | 284.2 | 283.1 | 281.9 | 280.7 | 279.5 | 278.3 | 277.0 |
| 107.5° | 358.9 | 358.1 | 356.6 | 355.3 | 353.9 | 352.5 | 351.5 | 350.9 | 350.3 | 349.7 | 349.0 |
| 110° | 406.3 | 405.9 | 404.7 | 403.5 | 402.3 | 401.0 | 400.1 | 399.5 | 398.9 | 398.2 | 397.7 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 452.3 | 452.3 | 451.8 | 451.1 | 450.6 | 450.0 | 449.2 | 448.1 | 446.9 | 445.9 | 444.8 |
| 115° | 519.6 | 519.1 | 519.4 | 519.6 | 519.8 | 520.0 | 519.8 | 519.1 | 518.6 | 517.9 | 517.3 |
| 117.5° | 588.3 | 588.4 | 588.0 | 587.5 | 587.0 | 586.5 | 585.9 | 585.1 | 584.3 | 583.4 | 582.7 |
| 120° | 630.0 | 629.6 | 629.8 | 630.0 | 630.3 | 630.4 | 630.1 | 629.3 | 628.5 | 627.6 | 626.9 |
| 122.5° | 671.8 | 671.6 | 671.3 | 671.0 | 670.7 | 670.4 | 670.0 | 669.6 | 669.1 | 668.6 | 668.0 |
| 125° | 729.6 | 729.0 | 729.4 | 729.8 | 730.2 | 730.6 | 730.5 | 729.6 | 728.8 | 728.0 | 727.1 |
| 127.5° | 788.1 | 788.3 | 787.3 | 786.4 | 785.4 | 784.5 | 783.9 | 783.8 | 783.5 | 783.3 | 783.2 |
| 130° | 823.1 | 822.9 | 822.3 | 821.7 | 821.1 | 820.5 | 820.1 | 819.8 | 819.7 | 819.4 | 819.2 |
| 132.5° | 857.7 | 857.5 | 856.7 | 856.0 | 855.2 | 854.4 | 853.8 | 853.5 | 853.1 | 852.7 | 852.4 |
| 135° | 905.2 | 904.8 | 904.0 | 903.2 | 902.4 | 901.6 | 901.3 | 901.4 | 901.7 | 901.9 | 902.1 |
| 137.5° | 950.9 | 950.5 | 949.6 | 948.7 | 947.8 | 946.9 | 946.4 | 946.3 | 946.3 | 946.2 | 946.1 |
| 140° | 979.1 | 978.5 | 978.0 | 977.6 | 977.2 | 976.8 | 976.4 | 976.0 | 975.6 | 975.2 | 974.8 |
| 142.5° | 1005.4 | 1005.0 | 1004.7 | 1004.5 | 1004.2 | 1004.0 | 1003.5 | 1002.7 | 1002.0 | 1001.3 | 1000.5 |
| 145° | 1043.1 | 1042.9 | 1042.9 | 1042.9 | 1042.9 | 1042.9 | 1042.6 | 1042.0 | 1041.4 | 1040.8 | 1040.1 |
| 147.5° | 1076.0 | 1075.9 | 1076.0 | 1076.3 | 1076.5 | 1076.7 | 1076.2 | 1075.1 | 1073.9 | 1072.8 | 1071.6 |
| 150° | 1097.2 | 1097.2 | 1097.4 | 1097.6 | 1097.8 | 1098.0 | 1097.7 | 1096.9 | 1096.1 | 1095.3 | 1094.5 |
| 152.5° | 1115.2 | 1114.9 | 1115.2 | 1115.6 | 1116.0 | 1116.3 | 1116.2 | 1115.6 | 1114.9 | 1114.3 | 1113.6 |
| 155° | 1139.5 | 1138.6 | 1139.2 | 1139.9 | 1140.5 | 1141.1 | 1141.3 | 1141.1 | 1140.9 | 1140.7 | 1140.5 |
| 157.5° | 1160.5 | 1159.4 | 1160.2 | 1160.9 | 1161.5 | 1162.2 | 1162.6 | 1162.8 | 1162.8 | 1163.0 | 1163.1 |
| 160° | 1173.9 | 1172.7 | 1172.9 | 1173.1 | 1173.3 | 1173.5 | 1173.9 | 1174.6 | 1175.1 | 1175.8 | 1176.4 |
| 162.5° | 1184.9 | 1183.8 | 1183.9 | 1184.2 | 1184.3 | 1184.6 | 1185.0 | 1185.8 | 1186.6 | 1187.4 | 1188.1 |
| 165° | 1200.1 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1199.0 | 1200.0 | 1201.0 | 1202.1 | 1203.1 |
| 167.5° | 1211.3 | 1209.5 | 1209.7 | 1209.7 | 1209.9 | 1210.0 | 1210.6 | 1211.6 | 1212.8 | 1213.8 | 1214.8 |
| 170° | 1218.5 | 1216.9 | 1216.6 | 1216.5 | 1216.2 | 1216.1 | 1216.6 | 1217.8 | 1219.0 | 1220.3 | 1221.5 |
| 172.5° | 1222.9 | 1221.3 | 1221.1 | 1220.9 | 1220.7 | 1220.4 | 1221.0 | 1222.2 | 1223.4 | 1224.6 | 1225.9 |
| 175° | 1227.9 | 1226.1 | 1225.9 | 1225.7 | 1225.4 | 1225.3 | 1225.7 | 1227.0 | 1228.2 | 1229.5 | 1230.7 |
| 177.5° | 1230.5 | 1229.2 | 1228.9 | 1228.5 | 1228.2 | 1227.9 | 1228.3 | 1229.5 | 1230.6 | 1231.8 | 1232.9 |
| 180° | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 |
| 2.5° | 1367.5 | 1371.5 | 1375.9 | 1384.2 | 1391.2 | 1394.3 | 1400.4 | 1404.8 | 1403.5 | 1409.6 | 1420.1 |
| 5° | 1372.9 | 1387.7 | 1404.7 | 1422.2 | 1441.9 | 1458.3 | 1471.5 | 1484.6 | 1495.1 | 1507.7 | 1526.3 |
| 7.5° | 1372.1 | 1398.4 | 1427.0 | 1458.3 | 1490.6 | 1518.6 | 1544.4 | 1570.7 | 1594.0 | 1619.6 | 1653.0 |
| 10° | 1368.6 | 1403.6 | 1439.2 | 1480.3 | 1521.3 | 1560.2 | 1595.3 | 1628.1 | 1659.4 | 1692.7 | 1735.0 |
| 12.5° | 1364.6 | 1404.9 | 1448.0 | 1497.4 | 1548.5 | 1595.3 | 1636.5 | 1683.8 | 1722.8 | 1765.9 | 1814.7 |
| 15° | 1347.2 | 1401.4 | 1460.0 | 1524.1 | 1585.4 | 1648.4 | 1704.8 | 1762.8 | 1817.0 | 1868.5 | 1929.9 |
| 17.5° | 1327.2 | 1389.8 | 1458.9 | 1534.6 | 1608.3 | 1684.9 | 1751.8 | 1825.0 | 1880.4 | 1949.5 | 2006.4 |
| 20° | 1311.1 | 1378.4 | 1452.3 | 1537.2 | 1621.0 | 1705.9 | 1779.8 | 1854.3 | 1916.8 | 1986.3 | 2058.6 |
| 22.5° | 1291.3 | 1365.2 | 1445.3 | 1533.3 | 1621.0 | 1713.8 | 1795.6 | 1869.6 | 1946.9 | 2025.3 | 2099.8 |
| 25° | 1259.6 | 1336.3 | 1421.1 | 1517.5 | 1618.3 | 1713.0 | 1800.6 | 1892.6 | 1975.9 | 2060.8 | 2127.6 |
| 27.5° | 1220.6 | 1301.1 | 1390.6 | 1490.0 | 1593.4 | 1690.4 | 1793.7 | 1891.7 | 1975.5 | 2057.1 | 2115.4 |
| 30° | 1189.5 | 1274.4 | 1360.3 | 1461.1 | 1568.4 | 1672.5 | 1783.1 | 1881.1 | 1969.3 | 2042.7 | 2075.5 |
| 32.5° | 1157.5 | 1238.0 | 1326.6 | 1428.7 | 1538.7 | 1650.6 | 1760.3 | 1860.5 | 1942.1 | 1986.2 | 1987.0 |
| 35° | 1101.8 | 1177.4 | 1269.4 | 1369.7 | 1482.5 | 1604.0 | 1715.2 | 1813.8 | 1863.6 | 1867.4 | 1813.8 |
| 37.5° | 1041.2 | 1110.5 | 1197.4 | 1297.7 | 1421.3 | 1542.1 | 1655.7 | 1721.4 | 1738.1 | 1682.4 | 1583.1 |
| 40° | 997.8 | 1061.8 | 1145.7 | 1248.6 | 1371.3 | 1496.1 | 1599.7 | 1647.8 | 1630.3 | 1539.9 | 1429.3 |
| 42.5° | 952.2 | 1011.9 | 1092.7 | 1194.3 | 1317.4 | 1443.6 | 1531.8 | 1557.6 | 1511.2 | 1406.8 | 1277.3 |
| 45° | 877.9 | 932.6 | 1012.6 | 1115.0 | 1233.3 | 1351.5 | 1418.4 | 1405.3 | 1328.0 | 1204.3 | 1059.1 |
| 47.5° | 800.4 | 853.3 | 925.3 | 1020.0 | 1141.1 | 1243.3 | 1288.5 | 1248.9 | 1139.0 | 1002.8 | 884.8 |
| 50° | 749.2 | 803.4 | 869.7 | 960.0 | 1070.6 | 1169.2 | 1198.3 | 1138.0 | 1015.9 | 884.9 | 776.6 |
| 52.5° | 698.8 | 745.1 | 810.1 | 897.4 | 1003.1 | 1086.4 | 1101.8 | 1032.4 | 906.3 | 789.0 | 692.8 |
| 55° | 622.1 | 664.3 | 719.1 | 801.2 | 892.6 | 963.3 | 955.1 | 865.9 | 751.4 | 651.2 | 575.6 |
| 57.5° | 548.0 | 579.7 | 630.3 | 707.3 | 787.6 | 835.0 | 805.0 | 728.9 | 622.3 | 540.2 | 476.4 |
| 60° | 498.9 | 528.5 | 575.6 | 642.9 | 713.6 | 740.4 | 715.2 | 632.6 | 548.2 | 473.2 | 419.5 |
| 62.5° | 452.5 | 478.6 | 519.0 | 581.6 | 638.7 | 654.5 | 627.6 | 555.4 | 479.4 | 415.3 | 370.9 |
| 65° | 385.0 | 409.1 | 443.6 | 488.0 | 527.4 | 535.0 | 517.5 | 443.6 | 386.1 | 332.4 | 301.7 |
| 67.5° | 323.8 | 339.5 | 366.5 | 404.8 | 425.7 | 430.2 | 396.4 | 349.9 | 299.2 | 266.3 | 243.1 |
| 70° | 282.6 | 293.5 | 318.7 | 339.5 | 356.5 | 357.0 | 325.8 | 288.6 | 249.7 | 222.9 | 205.9 |
| 72.5° | 242.7 | 253.3 | 272.3 | 286.5 | 299.5 | 295.3 | 266.7 | 237.3 | 205.9 | 185.7 | 173.1 |
| 75° | 187.3 | 196.6 | 206.4 | 213.0 | 213.0 | 207.6 | 186.7 | 164.9 | 146.8 | 134.8 | 130.9 |
| 77.5° | 136.2 | 143.8 | 147.1 | 146.1 | 144.2 | 135.6 | 122.5 | 108.1 | 101.6 | 95.9 | 93.1 |
| 80° | 106.8 | 110.1 | 111.1 | 108.4 | 105.1 | 95.3 | 86.5 | 80.5 | 74.5 | 72.3 | 71.2 |
| 82.5° | 79.2 | 82.1 | 79.2 | 79.9 | 72.7 | 64.6 | 59.8 | 57.8 | 55.2 | 54.3 | 53.2 |
| 85° | 42.1 | 41.6 | 40.6 | 37.8 | 32.9 | 31.8 | 31.2 | 30.7 | 29.5 | 30.1 | 29.0 |
| 87.5° | 15.4 | 14.6 | 13.3 | 13.3 | 13.7 | 13.2 | 13.9 | 14.3 | 14.6 | 14.3 | 15.5 |
| 90° | 5.0 | 7.3 | 9.5 | 11.7 | 13.7 | 15.4 | 17.0 | 18.6 | 20.3 | 21.5 | 22.7 |
| 92.5° | 11.7 | 11.9 | 12.0 | 12.1 | 13.0 | 14.6 | 16.2 | 17.9 | 19.5 | 20.8 | 21.9 |
| 95° | 43.6 | 36.7 | 29.8 | 22.8 | 19.4 | 19.6 | 19.8 | 20.0 | 20.3 | 21.5 | 22.7 |
| 97.5° | 111.9 | 116.2 | 120.5 | 124.8 | 115.6 | 92.8 | 69.9 | 47.1 | 24.3 | 24.4 | 24.6 |
| 100° | 154.6 | 158.4 | 162.0 | 165.7 | 153.4 | 125.2 | 97.0 | 68.8 | 40.5 | 37.0 | 33.5 |
| 102.5° | 202.2 | 204.9 | 207.6 | 210.3 | 209.8 | 206.2 | 202.5 | 198.8 | 195.1 | 157.6 | 120.1 |
| 105° | 278.3 | 279.5 | 280.7 | 281.9 | 283.1 | 284.2 | 285.1 | 286.1 | 287.2 | 289.1 | 290.9 |
| 107.5° | 349.7 | 350.3 | 350.9 | 351.5 | 352.5 | 353.9 | 355.3 | 356.6 | 358.1 | 358.9 | 359.9 |
| 110° | 398.2 | 398.9 | 399.5 | 400.1 | 401.0 | 402.3 | 403.5 | 404.7 | 405.9 | 406.3 | 406.8 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 445.9 | 446.9 | 448.1 | 449.2 | 450.0 | 450.6 | 451.1 | 451.8 | 452.3 | 452.3 | 452.2 |
| 115° | 517.9 | 518.6 | 519.1 | 519.8 | 520.0 | 519.8 | 519.6 | 519.4 | 519.1 | 519.6 | 520.0 |
| 117.5° | 583.4 | 584.3 | 585.1 | 585.9 | 586.5 | 587.0 | 587.5 | 588.0 | 588.4 | 588.3 | 588.2 |
| 120° | 627.6 | 628.5 | 629.3 | 630.1 | 630.4 | 630.3 | 630.0 | 629.8 | 629.6 | 630.0 | 630.4 |
| 122.5° | 668.6 | 669.1 | 669.6 | 670.0 | 670.4 | 670.7 | 671.0 | 671.3 | 671.6 | 671.8 | 672.1 |
| 125° | 728.0 | 728.8 | 729.6 | 730.5 | 730.6 | 730.2 | 729.8 | 729.4 | 729.0 | 729.6 | 730.2 |
| 127.5° | 783.3 | 783.5 | 783.8 | 783.9 | 784.5 | 785.4 | 786.4 | 787.3 | 788.3 | 788.1 | 788.1 |
| 130° | 819.4 | 819.7 | 819.8 | 820.1 | 820.5 | 821.1 | 821.7 | 822.3 | 822.9 | 823.1 | 823.3 |
| 132.5° | 852.7 | 853.1 | 853.5 | 853.8 | 854.4 | 855.2 | 856.0 | 856.7 | 857.5 | 857.7 | 857.9 |
| 135° | 901.9 | 901.7 | 901.4 | 901.3 | 901.6 | 902.4 | 903.2 | 904.0 | 904.8 | 905.2 | 905.6 |
| 137.5° | 946.2 | 946.3 | 946.3 | 946.4 | 946.9 | 947.8 | 948.7 | 949.6 | 950.5 | 950.9 | 951.4 |
| 140° | 975.2 | 975.6 | 976.0 | 976.4 | 976.8 | 977.2 | 977.6 | 978.0 | 978.5 | 979.1 | 979.7 |
| 142.5° | 1001.3 | 1002.0 | 1002.7 | 1003.5 | 1004.0 | 1004.2 | 1004.5 | 1004.7 | 1005.0 | 1005.4 | 1005.9 |
| 145° | 1040.8 | 1041.4 | 1042.0 | 1042.6 | 1042.9 | 1042.9 | 1042.9 | 1042.9 | 1042.9 | 1043.1 | 1043.3 |
| 147.5° | 1072.8 | 1073.9 | 1075.1 | 1076.2 | 1076.7 | 1076.5 | 1076.3 | 1076.0 | 1075.9 | 1076.0 | 1076.2 |
| 150° | 1095.3 | 1096.1 | 1096.9 | 1097.7 | 1098.0 | 1097.8 | 1097.6 | 1097.4 | 1097.2 | 1097.2 | 1097.2 |
| 152.5° | 1114.3 | 1114.9 | 1115.6 | 1116.2 | 1116.3 | 1116.0 | 1115.6 | 1115.2 | 1114.9 | 1115.2 | 1115.6 |
| 155° | 1140.7 | 1140.9 | 1141.1 | 1141.3 | 1141.1 | 1140.5 | 1139.9 | 1139.2 | 1138.6 | 1139.5 | 1140.3 |
| 157.5° | 1163.0 | 1162.8 | 1162.8 | 1162.6 | 1162.2 | 1161.5 | 1160.9 | 1160.2 | 1159.4 | 1160.5 | 1161.6 |
| 160° | 1175.8 | 1175.1 | 1174.6 | 1173.9 | 1173.5 | 1173.3 | 1173.1 | 1172.9 | 1172.7 | 1173.9 | 1175.1 |
| 162.5° | 1187.4 | 1186.6 | 1185.8 | 1185.0 | 1184.6 | 1184.3 | 1184.2 | 1183.9 | 1183.8 | 1184.9 | 1186.2 |
| 165° | 1202.1 | 1201.0 | 1200.0 | 1199.0 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1198.5 | 1200.1 | 1201.7 |
| 167.5° | 1213.8 | 1212.8 | 1211.6 | 1210.6 | 1210.0 | 1209.9 | 1209.7 | 1209.7 | 1209.5 | 1211.3 | 1213.1 |
| 170° | 1220.3 | 1219.0 | 1217.8 | 1216.6 | 1216.1 | 1216.2 | 1216.5 | 1216.6 | 1216.9 | 1218.5 | 1220.1 |
| 172.5° | 1224.6 | 1223.4 | 1222.2 | 1221.0 | 1220.4 | 1220.7 | 1220.9 | 1221.1 | 1221.3 | 1222.9 | 1224.6 |
| 175° | 1229.5 | 1228.2 | 1227.0 | 1225.7 | 1225.3 | 1225.4 | 1225.7 | 1225.9 | 1226.1 | 1227.9 | 1229.8 |
| 177.5° | 1231.8 | 1230.6 | 1229.5 | 1228.3 | 1227.9 | 1228.2 | 1228.5 | 1228.9 | 1229.2 | 1230.5 | 1231.8 |
| 180° | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 | 1359.2 |
| 2.5° | 1425.8 | 1427.6 | 1428.9 | 1433.3 | 1433.7 | 1437.7 | 1433.7 |
| 5° | 1543.8 | 1551.5 | 1563.5 | 1575.6 | 1576.7 | 1584.3 | 1570.7 |
| 7.5° | 1676.1 | 1693.8 | 1704.9 | 1724.4 | 1732.1 | 1736.9 | 1729.0 |
| 10° | 1767.2 | 1783.7 | 1812.7 | 1826.9 | 1841.2 | 1843.3 | 1836.8 |
| 12.5° | 1855.3 | 1881.4 | 1904.2 | 1931.2 | 1930.5 | 1949.8 | 1942.8 |
| 15° | 1972.6 | 1999.5 | 2031.2 | 2061.3 | 2072.3 | 2072.3 | 2081.1 |
| 17.5° | 2056.3 | 2105.5 | 2138.3 | 2161.9 | 2187.8 | 2192.3 | 2189.3 |
| 20° | 2112.8 | 2165.9 | 2201.0 | 2231.7 | 2249.2 | 2254.1 | 2254.1 |
| 22.5° | 2154.8 | 2200.0 | 2234.3 | 2261.8 | 2276.3 | 2282.1 | 2280.4 |
| 25° | 2184.0 | 2222.9 | 2243.7 | 2251.9 | 2255.7 | 2254.6 | 2244.3 |
| 27.5° | 2144.1 | 2142.4 | 2129.2 | 2104.0 | 2085.1 | 2073.6 | 2060.5 |
| 30° | 2067.9 | 2039.4 | 2006.5 | 1970.4 | 1923.9 | 1888.2 | 1877.3 |
| 32.5° | 1954.4 | 1890.5 | 1834.8 | 1774.6 | 1724.5 | 1688.9 | 1674.0 |
| 35° | 1735.0 | 1633.6 | 1550.9 | 1478.6 | 1426.1 | 1393.2 | 1382.3 |
| 37.5° | 1474.5 | 1376.4 | 1274.1 | 1204.0 | 1160.3 | 1127.1 | 1114.8 |
| 40° | 1308.8 | 1202.1 | 1112.8 | 1047.1 | 1002.2 | 969.9 | 969.3 |
| 42.5° | 1157.7 | 1055.7 | 971.8 | 924.4 | 876.0 | 854.6 | 854.5 |
| 45° | 947.9 | 866.3 | 795.2 | 758.0 | 728.9 | 711.4 | 706.5 |
| 47.5° | 784.9 | 717.4 | 669.9 | 640.3 | 616.6 | 605.5 | 598.3 |
| 50° | 693.3 | 634.1 | 596.4 | 570.6 | 557.5 | 543.3 | 542.2 |
| 52.5° | 617.1 | 569.3 | 539.9 | 519.0 | 502.3 | 493.8 | 494.0 |
| 55° | 518.6 | 480.9 | 460.0 | 444.1 | 431.0 | 424.5 | 421.7 |
| 57.5° | 436.9 | 408.5 | 393.4 | 378.8 | 373.3 | 368.1 | 366.7 |
| 60° | 386.1 | 366.9 | 352.7 | 341.2 | 333.0 | 331.3 | 330.7 |
| 62.5° | 344.0 | 324.0 | 314.1 | 305.2 | 299.2 | 296.7 | 295.7 |
| 65° | 283.7 | 268.9 | 260.2 | 253.0 | 250.8 | 247.0 | 246.4 |
| 67.5° | 228.7 | 219.8 | 214.0 | 209.1 | 206.1 | 205.9 | 205.9 |
| 70° | 195.0 | 190.0 | 185.1 | 182.4 | 180.7 | 179.6 | 179.6 |
| 72.5° | 166.0 | 162.4 | 158.4 | 156.9 | 156.6 | 155.5 | 155.1 |
| 75° | 126.5 | 122.7 | 123.2 | 120.5 | 118.3 | 115.6 | 113.9 |
| 77.5° | 89.7 | 87.0 | 86.4 | 86.1 | 84.2 | 83.9 | 84.8 |
| 80° | 69.6 | 66.8 | 66.2 | 66.8 | 66.2 | 64.6 | 64.6 |
| 82.5° | 52.9 | 50.6 | 50.1 | 49.7 | 49.2 | 49.7 | 48.9 |
| 85° | 28.4 | 27.4 | 27.4 | 27.4 | 28.4 | 28.0 | 27.4 |
| 87.5° | 14.9 | 14.7 | 15.3 | 14.9 | 15.0 | 14.7 | 15.1 |
| 90° | 23.9 | 25.2 | 26.0 | 26.4 | 26.8 | 27.2 | 27.6 |
| 92.5° | 23.2 | 24.4 | 25.1 | 25.2 | 25.3 | 25.3 | 25.4 |
| 95° | 23.9 | 25.2 | 25.9 | 26.1 | 26.3 | 26.5 | 26.7 |
| 97.5° | 24.6 | 24.8 | 25.0 | 25.2 | 25.3 | 25.6 | 25.7 |
| 100° | 30.1 | 26.6 | 25.0 | 25.2 | 25.3 | 25.6 | 25.7 |
| 102.5° | 82.6 | 45.1 | 26.4 | 26.4 | 26.5 | 26.5 | 26.5 |
| 105° | 292.7 | 294.5 | 291.8 | 284.4 | 277.0 | 269.7 | 262.4 |
| 107.5° | 360.8 | 361.6 | 362.5 | 363.3 | 364.1 | 364.8 | 365.6 |
| 110° | 407.2 | 407.6 | 408.1 | 408.7 | 409.3 | 410.0 | 410.5 |



TEST NUMBER: P332979-927

CATALOG NUMBER: SA4XXRDIP-C1020D1205U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 452.1 | 452.0 | 452.3 | 453.1 | 453.9 | 454.7 | 455.4 |
| 115° | 520.4 | 520.8 | 521.0 | 521.0 | 521.0 | 521.0 | 521.0 |
| 117.5° | 588.1 | 588.0 | 588.0 | 587.9 | 587.8 | 587.7 | 587.6 |
| 120° | 630.8 | 631.2 | 631.2 | 630.8 | 630.4 | 630.0 | 629.6 |
| 122.5° | 672.3 | 672.6 | 672.5 | 672.1 | 671.7 | 671.2 | 670.8 |
| 125° | 730.9 | 731.5 | 731.9 | 732.1 | 732.3 | 732.5 | 732.7 |
| 127.5° | 787.9 | 787.8 | 787.7 | 787.5 | 787.3 | 787.2 | 787.0 |
| 130° | 823.6 | 823.7 | 823.8 | 823.8 | 823.8 | 823.8 | 823.8 |
| 132.5° | 858.2 | 858.3 | 858.3 | 858.2 | 858.0 | 857.9 | 857.7 |
| 135° | 906.0 | 906.5 | 906.9 | 907.3 | 907.7 | 908.1 | 908.5 |
| 137.5° | 951.8 | 952.3 | 952.4 | 952.4 | 952.2 | 952.0 | 952.0 |
| 140° | 980.3 | 981.0 | 981.4 | 981.5 | 981.8 | 981.9 | 982.1 |
| 142.5° | 1006.3 | 1006.8 | 1007.0 | 1007.1 | 1007.1 | 1007.2 | 1007.2 |
| 145° | 1043.5 | 1043.7 | 1044.0 | 1044.4 | 1044.8 | 1045.3 | 1045.7 |
| 147.5° | 1076.3 | 1076.5 | 1076.7 | 1076.9 | 1077.1 | 1077.3 | 1077.5 |
| 150° | 1097.2 | 1097.2 | 1097.3 | 1097.5 | 1097.7 | 1098.0 | 1098.1 |
| 152.5° | 1115.9 | 1116.2 | 1116.3 | 1116.2 | 1116.0 | 1115.9 | 1115.8 |
| 155° | 1141.1 | 1141.9 | 1142.0 | 1141.4 | 1140.7 | 1140.2 | 1139.6 |
| 157.5° | 1162.6 | 1163.7 | 1163.7 | 1162.6 | 1161.6 | 1160.5 | 1159.4 |
| 160° | 1176.4 | 1177.6 | 1177.6 | 1176.4 | 1175.1 | 1173.9 | 1172.7 |
| 162.5° | 1187.4 | 1188.7 | 1188.6 | 1187.2 | 1185.8 | 1184.4 | 1183.0 |
| 165° | 1203.4 | 1205.0 | 1204.9 | 1203.1 | 1201.2 | 1199.4 | 1197.5 |
| 167.5° | 1214.9 | 1216.7 | 1216.6 | 1214.6 | 1212.5 | 1210.5 | 1208.4 |
| 170° | 1221.8 | 1223.4 | 1223.2 | 1221.1 | 1219.1 | 1217.1 | 1215.0 |
| 172.5° | 1226.2 | 1227.8 | 1227.6 | 1225.3 | 1223.1 | 1220.9 | 1218.7 |
| 175° | 1231.6 | 1233.4 | 1233.1 | 1230.7 | 1228.2 | 1225.7 | 1223.3 |
| 177.5° | 1233.1 | 1234.5 | 1234.1 | 1232.2 | 1230.2 | 1228.2 | 1226.3 |
| 180° | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 |

(END OF REPORT)