

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: P332643-935

Luminaire Tested: **SA4XXDIP-C1020D810U935-4F0-1E-UDD-A**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332643-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 810 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

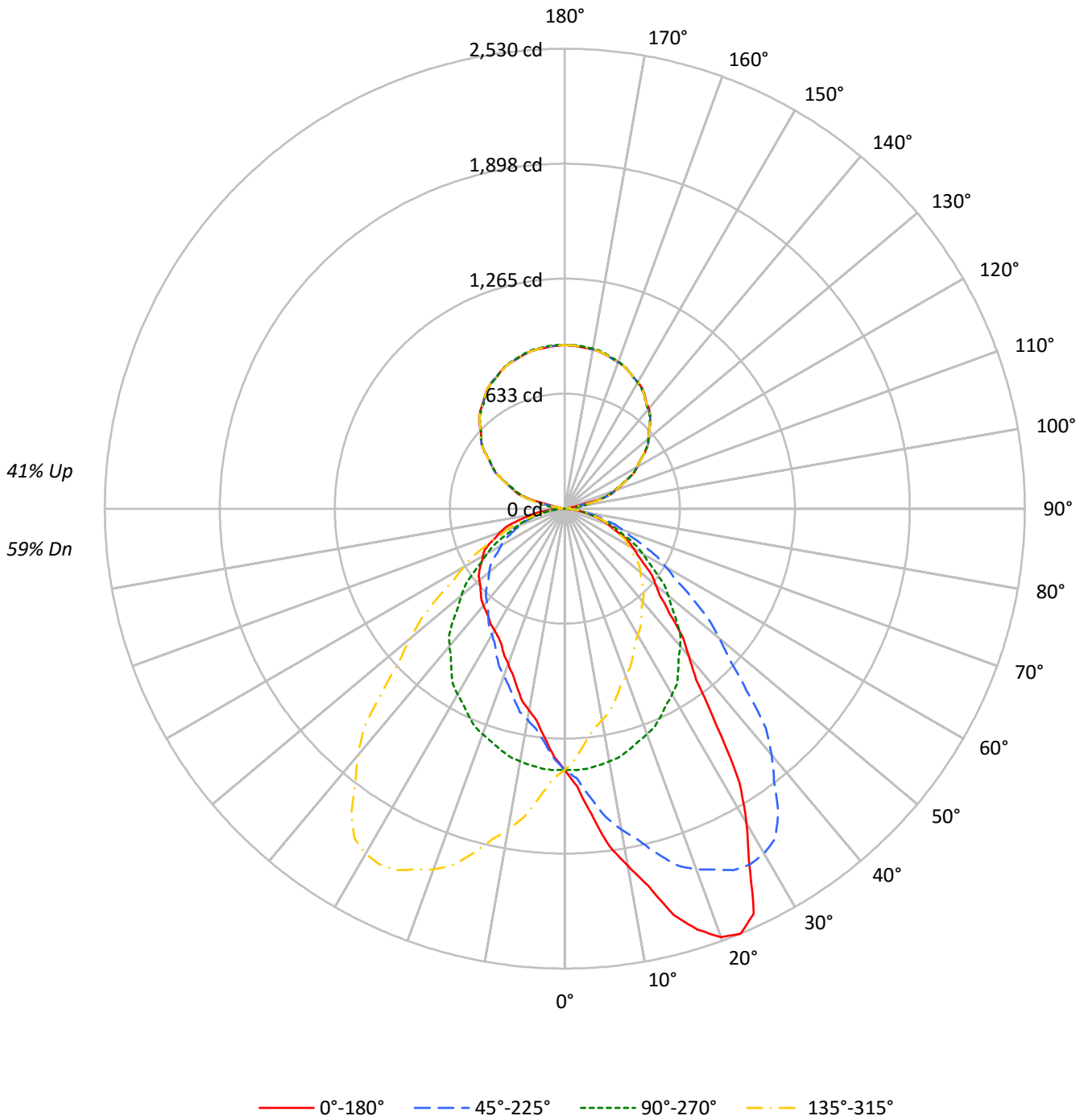
Lumens per Lamp: N/A
Luminaire Lumens: 6751.1 lumens
Efficiency: N/A
Efficacy: 124.1 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 54.4
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: P332643-935
CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-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 | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 76 | 76 | 76 | 64 | 64 | 64 | 59 |
| 1 | 100 | 96 | 92 | 88 | 93 | 89 | 86 | 83 | 78 | 75 | 73 | 67 | 65 | 64 | 57 | 56 | 55 | 50 |
| 2 | 91 | 84 | 78 | 73 | 85 | 79 | 73 | 69 | 68 | 64 | 61 | 59 | 56 | 54 | 51 | 48 | 46 | 42 |
| 3 | 83 | 74 | 67 | 61 | 78 | 69 | 63 | 58 | 61 | 56 | 52 | 53 | 49 | 46 | 45 | 42 | 40 | 36 |
| 4 | 77 | 66 | 58 | 52 | 71 | 62 | 55 | 49 | 54 | 49 | 44 | 47 | 43 | 39 | 40 | 37 | 35 | 31 |
| 5 | 70 | 59 | 51 | 45 | 65 | 55 | 48 | 42 | 49 | 43 | 38 | 42 | 38 | 34 | 37 | 33 | 30 | 27 |
| 6 | 65 | 53 | 45 | 39 | 60 | 50 | 42 | 37 | 44 | 38 | 34 | 38 | 34 | 30 | 33 | 30 | 27 | 24 |
| 7 | 60 | 48 | 40 | 34 | 56 | 45 | 38 | 33 | 40 | 34 | 30 | 35 | 30 | 27 | 30 | 27 | 24 | 21 |
| 8 | 56 | 43 | 36 | 30 | 52 | 41 | 34 | 29 | 36 | 31 | 27 | 32 | 27 | 24 | 28 | 24 | 21 | 19 |
| 9 | 52 | 40 | 32 | 27 | 49 | 38 | 31 | 26 | 33 | 28 | 24 | 30 | 25 | 22 | 26 | 22 | 19 | 17 |
| 10 | 49 | 37 | 29 | 24 | 45 | 35 | 28 | 23 | 31 | 25 | 22 | 27 | 23 | 20 | 24 | 20 | 18 | 16 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 11599 | 11599 | 11599 | 11599 |
| 5° | 13661 | 11629 | 10264 | 11629 |
| 10° | 16356 | 11579 | 9241 | 11579 |
| 15° | 19351 | 11462 | 8487 | 11462 |
| 20° | 21549 | 11342 | 7814 | 11342 |
| 25° | 21896 | 11166 | 7349 | 11166 |
| 30° | 18632 | 10997 | 7202 | 10997 |
| 35° | 14325 | 10723 | 7203 | 10723 |
| 40° | 11166 | 10400 | 7339 | 10400 |
| 45° | 9310 | 9914 | 7462 | 9914 |
| 50° | 8194 | 9323 | 7714 | 9323 |
| 55° | 7506 | 8612 | 8025 | 8612 |
| 60° | 7035 | 7976 | 8399 | 7976 |
| 65° | 6550 | 7265 | 8709 | 7265 |
| 70° | 5986 | 6559 | 8908 | 6559 |
| 75° | 5346 | 5774 | 8799 | 5774 |
| 80° | 4482 | 4733 | 8522 | 4733 |
| 85° | 3307 | 3418 | 8160 | 3418 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 140.0 | 2.1 |
| 10°-20° | 431.5 | 6.4 |
| 20°-30° | 684.2 | 10.1 |
| 30°-40° | 761.4 | 11.3 |
| 40°-50° | 693.1 | 10.3 |
| 50°-60° | 566.4 | 8.4 |
| 60°-70° | 404.3 | 6.0 |
| 70°-80° | 222.6 | 3.3 |
| 80°-90° | 63.4 | 0.9 |
| 90°-100° | 30.8 | 0.5 |
| 100°-110° | 196.3 | 2.9 |
| 110°-120° | 375.5 | 5.6 |
| 120°-130° | 476.7 | 7.1 |
| 130°-140° | 510.0 | 7.6 |
| 140°-150° | 476.9 | 7.1 |
| 150°-160° | 384.6 | 5.7 |
| 160°-170° | 248.0 | 3.7 |
| 170°-180° | 85.5 | 1.3 |
| 0°-30° | 1255.6 | 18.6 |
| 0°-40° | 2017.1 | 29.9 |
| 0°-60° | 3276.5 | 48.5 |
| 0°-90° | 3966.9 | 58.8 |
| 90°-120° | 602.6 | 8.9 |
| 90°-150° | 2066.1 | 30.6 |
| 90°-180° | 2784.0 | 41.2 |
| 0°-180° | 6751.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1437 | 1437 | 1437 | 1437 | 1437 | |
| 5° | 1686 | 1435 | 1267 | 1435 | 1686 | 171 |
| 15° | 2315 | 1371 | 1016 | 1371 | 2315 | 654 |
| 25° | 2458 | 1254 | 825 | 1254 | 2458 | 1084 |
| 35° | 1454 | 1088 | 731 | 1088 | 1454 | 923 |
| 45° | 816 | 868 | 654 | 868 | 816 | 642 |
| 55° | 533 | 612 | 570 | 612 | 533 | 482 |
| 65° | 343 | 380 | 456 | 380 | 343 | 339 |
| 75° | 171 | 185 | 282 | 185 | 171 | 182 |
| 85° | 36 | 37 | 88 | 37 | 36 | 44 |
| 90° | 20 | 2 | 20 | 2 | 20 | 10 |
| 95° | 20 | 37 | 20 | 37 | 20 | 16 |
| 105° | 192 | 203 | 192 | 203 | 192 | 167 |
| 115° | 381 | 378 | 381 | 378 | 381 | 377 |
| 125° | 536 | 532 | 536 | 532 | 536 | 477 |
| 135° | 664 | 660 | 664 | 660 | 664 | 511 |
| 145° | 765 | 761 | 765 | 761 | 765 | 478 |
| 155° | 833 | 834 | 833 | 834 | 833 | 384 |
| 165° | 876 | 880 | 876 | 880 | 876 | 247 |
| 175° | 895 | 900 | 895 | 900 | 895 | 85 |
| 180° | 900 | 900 | 900 | 900 | 900 | |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1529.2 | 1528.8 | 1524.0 | 1523.0 | 1519.7 | 1515.4 | 1514.5 | 1506.8 | 1491.6 | 1484.5 | 1482.6 |
| 5° | 1685.7 | 1697.5 | 1682.0 | 1679.1 | 1677.3 | 1657.7 | 1647.5 | 1635.6 | 1608.3 | 1592.2 | 1579.7 |
| 7.5° | 1872.3 | 1873.7 | 1867.0 | 1861.5 | 1846.3 | 1829.2 | 1803.5 | 1776.2 | 1743.5 | 1709.6 | 1683.9 |
| 10° | 1995.2 | 1999.9 | 1992.2 | 1991.0 | 1960.7 | 1941.6 | 1903.5 | 1871.4 | 1834.4 | 1793.4 | 1755.9 |
| 12.5° | 2124.7 | 2118.0 | 2114.1 | 2088.6 | 2083.0 | 2048.2 | 2004.0 | 1970.9 | 1914.0 | 1866.7 | 1816.8 |
| 15° | 2315.4 | 2302.3 | 2294.0 | 2258.8 | 2241.6 | 2193.4 | 2146.3 | 2110.1 | 2035.7 | 1964.8 | 1911.2 |
| 17.5° | 2427.2 | 2440.4 | 2421.1 | 2406.7 | 2362.1 | 2328.2 | 2280.2 | 2204.0 | 2145.8 | 2057.8 | 1990.2 |
| 20° | 2508.3 | 2509.4 | 2498.7 | 2483.8 | 2448.7 | 2405.9 | 2353.5 | 2270.1 | 2200.5 | 2113.0 | 2020.2 |
| 22.5° | 2530.1 | 2530.4 | 2525.8 | 2511.9 | 2485.4 | 2450.6 | 2397.8 | 2328.2 | 2243.9 | 2148.7 | 2055.9 |
| 25° | 2458.2 | 2455.8 | 2461.3 | 2476.7 | 2466.6 | 2455.8 | 2425.5 | 2373.7 | 2295.2 | 2194.5 | 2094.6 |
| 27.5° | 2191.1 | 2207.5 | 2237.7 | 2275.9 | 2312.6 | 2340.5 | 2348.4 | 2337.8 | 2289.1 | 2206.3 | 2101.6 |
| 30° | 1998.7 | 2019.0 | 2041.6 | 2079.7 | 2153.4 | 2195.7 | 2242.2 | 2277.3 | 2257.6 | 2191.6 | 2094.0 |
| 32.5° | 1787.3 | 1792.3 | 1825.9 | 1869.2 | 1936.8 | 2018.1 | 2091.7 | 2163.0 | 2186.7 | 2152.1 | 2070.6 |
| 35° | 1453.5 | 1461.8 | 1498.1 | 1541.0 | 1623.8 | 1723.1 | 1833.8 | 1932.7 | 2014.2 | 2046.9 | 2005.3 |
| 37.5° | 1186.1 | 1210.0 | 1235.7 | 1281.8 | 1354.6 | 1444.1 | 1559.1 | 1687.0 | 1808.5 | 1889.9 | 1903.8 |
| 40° | 1059.5 | 1074.4 | 1092.8 | 1127.9 | 1189.8 | 1277.9 | 1376.7 | 1523.2 | 1652.3 | 1769.0 | 1807.1 |
| 42.5° | 959.5 | 968.2 | 979.5 | 1011.2 | 1058.4 | 1146.0 | 1236.2 | 1365.0 | 1494.7 | 1634.2 | 1698.1 |
| 45° | 815.5 | 824.4 | 843.4 | 861.9 | 897.6 | 958.3 | 1042.2 | 1148.1 | 1278.5 | 1413.1 | 1530.9 |
| 47.5° | 711.4 | 717.1 | 728.4 | 748.2 | 778.5 | 818.6 | 886.8 | 975.3 | 1096.1 | 1226.8 | 1352.3 |
| 50° | 652.4 | 657.1 | 666.1 | 683.9 | 707.1 | 742.8 | 798.7 | 881.5 | 976.1 | 1107.7 | 1230.9 |
| 52.5° | 605.7 | 607.6 | 614.2 | 626.3 | 644.7 | 674.8 | 720.7 | 789.1 | 877.1 | 994.4 | 1117.1 |
| 55° | 533.3 | 535.7 | 541.7 | 550.6 | 566.6 | 585.7 | 620.8 | 672.0 | 748.8 | 850.6 | 957.1 |
| 57.5° | 473.8 | 475.4 | 480.4 | 483.9 | 497.1 | 512.6 | 539.6 | 576.2 | 634.4 | 720.7 | 815.8 |
| 60° | 435.7 | 434.5 | 440.5 | 443.4 | 452.4 | 465.5 | 486.3 | 521.4 | 572.0 | 641.6 | 729.1 |
| 62.5° | 398.6 | 396.9 | 401.9 | 405.8 | 411.0 | 422.1 | 439.1 | 466.7 | 507.7 | 570.7 | 646.3 |
| 65° | 342.9 | 340.4 | 343.5 | 348.2 | 352.9 | 359.0 | 371.4 | 395.8 | 428.5 | 473.8 | 531.5 |
| 67.5° | 286.9 | 289.4 | 289.9 | 292.2 | 295.0 | 303.1 | 311.7 | 328.9 | 352.0 | 388.2 | 437.1 |
| 70° | 253.6 | 254.2 | 256.6 | 256.6 | 258.3 | 265.4 | 272.6 | 282.8 | 305.3 | 338.7 | 378.6 |
| 72.5° | 220.2 | 222.7 | 221.8 | 223.7 | 225.0 | 229.7 | 235.0 | 244.6 | 263.9 | 288.7 | 322.4 |
| 75° | 171.4 | 173.2 | 173.2 | 173.8 | 175.6 | 177.4 | 181.5 | 188.6 | 202.3 | 220.8 | 244.0 |
| 77.5° | 125.0 | 125.3 | 126.1 | 128.2 | 128.2 | 131.0 | 134.1 | 139.9 | 146.6 | 159.3 | 173.4 |
| 80° | 96.4 | 97.6 | 97.0 | 98.2 | 98.2 | 100.6 | 101.8 | 108.9 | 111.9 | 120.2 | 131.6 |
| 82.5° | 70.7 | 71.9 | 71.8 | 73.4 | 74.4 | 74.9 | 76.5 | 79.4 | 82.4 | 89.7 | 94.4 |
| 85° | 35.7 | 36.9 | 35.7 | 36.9 | 38.7 | 39.3 | 41.1 | 41.7 | 44.1 | 45.8 | 50.0 |
| 87.5° | 14.6 | 15.8 | 15.8 | 16.3 | 17.1 | 17.5 | 17.8 | 17.1 | 18.9 | 19.1 | 20.8 |
| 90° | 20.2 | 19.9 | 19.6 | 19.3 | 19.0 | 18.4 | 17.5 | 16.6 | 15.7 | 14.8 | 13.6 |
| 92.5° | 18.6 | 18.5 | 18.4 | 18.4 | 18.3 | 17.8 | 17.0 | 16.1 | 15.2 | 14.3 | 13.1 |
| 95° | 19.5 | 19.4 | 19.2 | 19.1 | 18.9 | 18.4 | 17.5 | 16.6 | 15.7 | 14.8 | 14.6 |
| 97.5° | 18.9 | 18.7 | 18.5 | 18.4 | 18.3 | 18.2 | 18.1 | 18.0 | 17.8 | 17.7 | 34.4 |
| 100° | 18.9 | 18.7 | 18.5 | 18.4 | 18.3 | 19.5 | 22.0 | 24.5 | 27.0 | 29.6 | 50.3 |
| 102.5° | 19.4 | 19.4 | 19.3 | 19.3 | 19.3 | 33.0 | 60.4 | 87.8 | 115.3 | 142.8 | 145.4 |
| 105° | 191.8 | 197.3 | 202.6 | 208.0 | 213.4 | 215.4 | 214.0 | 212.8 | 211.4 | 210.0 | 209.3 |
| 107.5° | 267.4 | 266.8 | 266.2 | 265.7 | 265.1 | 264.5 | 263.8 | 263.2 | 262.5 | 261.9 | 260.9 |
| 110° | 300.2 | 299.8 | 299.4 | 298.9 | 298.4 | 298.1 | 297.8 | 297.5 | 297.2 | 296.9 | 296.0 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 333.1 | 332.5 | 332.0 | 331.4 | 330.8 | 330.5 | 330.6 | 330.7 | 330.8 | 330.8 | 330.4 |
| 115° | 381.1 | 381.1 | 381.1 | 381.1 | 381.1 | 380.9 | 380.6 | 380.3 | 380.0 | 379.7 | 379.9 |
| 117.5° | 429.8 | 429.8 | 429.9 | 430.0 | 430.0 | 430.1 | 430.2 | 430.2 | 430.2 | 430.3 | 430.0 |
| 120° | 460.5 | 460.8 | 461.1 | 461.4 | 461.7 | 461.7 | 461.4 | 461.1 | 460.8 | 460.5 | 460.6 |
| 122.5° | 490.6 | 490.9 | 491.2 | 491.5 | 491.8 | 491.9 | 491.7 | 491.5 | 491.4 | 491.2 | 490.9 |
| 125° | 535.9 | 535.7 | 535.5 | 535.5 | 535.3 | 534.9 | 534.5 | 534.1 | 533.6 | 533.2 | 533.5 |
| 127.5° | 575.6 | 575.8 | 575.8 | 575.9 | 576.1 | 576.2 | 576.3 | 576.4 | 576.4 | 576.5 | 575.8 |
| 130° | 602.5 | 602.5 | 602.5 | 602.5 | 602.5 | 602.4 | 602.3 | 602.2 | 602.0 | 601.8 | 601.4 |
| 132.5° | 627.3 | 627.4 | 627.5 | 627.7 | 627.8 | 627.8 | 627.6 | 627.5 | 627.3 | 627.2 | 626.5 |
| 135° | 664.4 | 664.2 | 663.8 | 663.6 | 663.2 | 663.0 | 662.6 | 662.4 | 662.0 | 661.8 | 661.2 |
| 137.5° | 696.2 | 696.3 | 696.4 | 696.5 | 696.5 | 696.5 | 696.1 | 695.8 | 695.5 | 695.2 | 694.5 |
| 140° | 718.3 | 718.2 | 718.0 | 717.9 | 717.7 | 717.4 | 717.0 | 716.5 | 716.1 | 715.6 | 715.3 |
| 142.5° | 736.6 | 736.6 | 736.6 | 736.5 | 736.5 | 736.3 | 736.0 | 735.6 | 735.4 | 735.0 | 734.9 |
| 145° | 764.7 | 764.5 | 764.1 | 763.9 | 763.5 | 763.4 | 763.2 | 763.0 | 762.9 | 762.8 | 762.8 |
| 147.5° | 788.1 | 787.9 | 787.7 | 787.6 | 787.5 | 787.3 | 787.2 | 787.1 | 787.0 | 786.9 | 787.0 |
| 150° | 803.1 | 803.0 | 802.8 | 802.7 | 802.5 | 802.5 | 802.5 | 802.5 | 802.5 | 802.5 | 802.6 |
| 152.5° | 816.1 | 816.1 | 816.2 | 816.3 | 816.4 | 816.3 | 816.1 | 815.9 | 815.6 | 815.4 | 815.6 |
| 155° | 833.4 | 833.9 | 834.3 | 834.7 | 835.3 | 835.2 | 834.6 | 834.0 | 833.4 | 832.8 | 833.2 |
| 157.5° | 848.0 | 848.8 | 849.5 | 850.3 | 851.1 | 851.1 | 850.3 | 849.5 | 848.8 | 848.0 | 848.5 |
| 160° | 857.6 | 858.6 | 859.5 | 860.4 | 861.3 | 861.3 | 860.4 | 859.5 | 858.6 | 857.6 | 857.8 |
| 162.5° | 865.2 | 866.3 | 867.2 | 868.2 | 869.3 | 869.4 | 868.4 | 867.5 | 866.7 | 865.7 | 865.9 |
| 165° | 875.8 | 877.2 | 878.6 | 879.9 | 881.2 | 881.3 | 880.1 | 878.9 | 877.7 | 876.5 | 876.5 |
| 167.5° | 883.8 | 885.3 | 886.7 | 888.3 | 889.8 | 889.8 | 888.6 | 887.3 | 885.9 | 884.6 | 884.7 |
| 170° | 888.6 | 890.1 | 891.7 | 893.1 | 894.6 | 894.8 | 893.5 | 892.3 | 891.1 | 890.0 | 889.8 |
| 172.5° | 891.3 | 892.9 | 894.6 | 896.2 | 897.8 | 898.0 | 896.8 | 895.6 | 894.4 | 893.2 | 893.0 |
| 175° | 894.7 | 896.5 | 898.3 | 900.1 | 901.9 | 902.1 | 900.8 | 899.4 | 898.0 | 896.7 | 896.6 |
| 177.5° | 896.8 | 898.3 | 899.7 | 901.1 | 902.6 | 902.8 | 901.9 | 901.0 | 899.9 | 899.0 | 898.8 |
| 180° | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1483.1 | 1476.4 | 1471.6 | 1467.8 | 1457.3 | 1451.1 | 1446.4 | 1439.7 | 1432.1 | 1424.0 | 1414.0 |
| 5° | 1567.2 | 1547.0 | 1532.1 | 1509.5 | 1488.1 | 1470.2 | 1451.7 | 1435.0 | 1414.8 | 1392.8 | 1376.7 |
| 7.5° | 1655.6 | 1625.6 | 1587.0 | 1553.5 | 1515.9 | 1483.2 | 1453.9 | 1423.8 | 1392.7 | 1362.4 | 1334.7 |
| 10° | 1711.8 | 1673.2 | 1630.3 | 1579.7 | 1532.1 | 1489.8 | 1450.5 | 1412.5 | 1375.5 | 1338.6 | 1307.1 |
| 12.5° | 1772.3 | 1724.1 | 1660.8 | 1601.6 | 1548.3 | 1491.8 | 1444.3 | 1397.7 | 1353.1 | 1314.3 | 1277.6 |
| 15° | 1853.5 | 1783.8 | 1710.6 | 1631.5 | 1561.3 | 1495.2 | 1430.3 | 1371.4 | 1321.4 | 1270.1 | 1234.5 |
| 17.5° | 1903.4 | 1817.2 | 1733.5 | 1650.8 | 1565.7 | 1482.5 | 1412.5 | 1344.5 | 1281.9 | 1231.1 | 1186.0 |
| 20° | 1936.2 | 1850.5 | 1746.4 | 1663.6 | 1562.5 | 1476.7 | 1395.8 | 1320.2 | 1254.7 | 1200.6 | 1154.1 |
| 22.5° | 1964.8 | 1865.8 | 1761.6 | 1652.7 | 1552.0 | 1461.0 | 1372.4 | 1296.4 | 1229.5 | 1172.4 | 1127.9 |
| 25° | 1980.3 | 1866.6 | 1753.5 | 1645.2 | 1530.9 | 1423.1 | 1342.8 | 1253.5 | 1182.1 | 1122.0 | 1074.4 |
| 27.5° | 1981.9 | 1860.4 | 1732.4 | 1612.1 | 1494.1 | 1393.8 | 1292.4 | 1212.5 | 1138.4 | 1074.9 | 1029.2 |
| 30° | 1976.7 | 1849.9 | 1712.4 | 1582.1 | 1463.6 | 1354.7 | 1266.6 | 1179.7 | 1104.1 | 1041.0 | 993.4 |
| 32.5° | 1960.1 | 1828.0 | 1686.7 | 1548.8 | 1426.0 | 1319.5 | 1228.6 | 1145.9 | 1072.2 | 1010.0 | 960.1 |
| 35° | 1911.9 | 1781.5 | 1630.9 | 1487.5 | 1361.8 | 1254.1 | 1172.0 | 1088.0 | 1014.3 | 955.3 | 907.1 |
| 37.5° | 1836.5 | 1718.6 | 1565.6 | 1417.1 | 1293.7 | 1185.5 | 1104.1 | 1028.3 | 961.7 | 901.9 | 852.5 |
| 40° | 1770.7 | 1667.2 | 1513.6 | 1369.0 | 1235.7 | 1132.7 | 1056.5 | 986.9 | 920.8 | 864.3 | 817.3 |
| 42.5° | 1695.1 | 1604.8 | 1463.2 | 1309.9 | 1181.4 | 1078.0 | 1003.7 | 941.2 | 878.9 | 826.6 | 779.6 |
| 45° | 1560.0 | 1500.6 | 1367.2 | 1225.5 | 1091.7 | 994.0 | 923.2 | 868.4 | 816.1 | 764.8 | 725.6 |
| 47.5° | 1404.8 | 1375.3 | 1263.1 | 1128.5 | 1001.4 | 905.2 | 843.8 | 793.2 | 747.3 | 703.9 | 669.3 |
| 50° | 1300.5 | 1286.2 | 1189.2 | 1059.5 | 938.1 | 847.6 | 785.7 | 742.3 | 702.9 | 664.9 | 632.1 |
| 52.5° | 1197.7 | 1197.2 | 1109.7 | 990.9 | 878.6 | 791.4 | 730.0 | 689.4 | 655.3 | 624.4 | 595.0 |
| 55° | 1040.4 | 1057.1 | 988.7 | 882.7 | 782.1 | 703.5 | 648.2 | 611.9 | 588.1 | 562.5 | 540.4 |
| 57.5° | 896.0 | 923.7 | 867.2 | 773.9 | 690.0 | 617.6 | 569.4 | 542.1 | 516.8 | 501.3 | 485.3 |
| 60° | 801.8 | 827.9 | 783.9 | 705.3 | 626.2 | 564.3 | 518.4 | 494.0 | 472.0 | 461.3 | 450.0 |
| 62.5° | 718.0 | 741.3 | 708.7 | 635.8 | 567.1 | 507.6 | 468.9 | 445.5 | 430.6 | 418.9 | 411.4 |
| 65° | 598.2 | 617.9 | 589.9 | 536.9 | 477.9 | 430.3 | 398.8 | 380.3 | 366.1 | 361.3 | 352.9 |
| 67.5° | 483.5 | 501.4 | 486.3 | 441.3 | 394.0 | 358.0 | 333.3 | 315.6 | 307.1 | 303.0 | 297.0 |
| 70° | 415.4 | 433.3 | 417.2 | 378.0 | 341.6 | 311.3 | 288.1 | 277.9 | 269.1 | 267.3 | 258.9 |
| 72.5° | 357.8 | 370.0 | 354.0 | 323.2 | 292.1 | 266.6 | 248.6 | 238.0 | 233.3 | 230.1 | 225.6 |
| 75° | 268.5 | 279.1 | 268.5 | 244.6 | 222.6 | 204.7 | 189.2 | 185.1 | 179.8 | 178.0 | 175.0 |
| 77.5° | 190.0 | 199.2 | 191.1 | 176.2 | 159.7 | 145.9 | 137.6 | 132.2 | 131.0 | 127.9 | 129.4 |
| 80° | 145.3 | 151.2 | 143.4 | 133.4 | 120.2 | 110.7 | 104.8 | 101.8 | 98.2 | 97.0 | 99.4 |
| 82.5° | 104.3 | 106.9 | 103.0 | 96.2 | 86.4 | 80.2 | 76.2 | 72.8 | 72.0 | 72.2 | 72.2 |
| 85° | 54.2 | 53.6 | 53.0 | 47.0 | 44.1 | 39.9 | 37.5 | 36.9 | 36.3 | 37.5 | 38.7 |
| 87.5° | 20.6 | 20.8 | 20.1 | 17.9 | 16.2 | 14.4 | 13.6 | 12.7 | 13.6 | 14.4 | 15.2 |
| 90° | 12.4 | 11.2 | 10.0 | 8.6 | 7.0 | 5.3 | 3.7 | 2.0 | 3.7 | 5.3 | 7.0 |
| 92.5° | 11.9 | 10.7 | 9.5 | 8.9 | 8.8 | 8.7 | 8.6 | 8.5 | 8.6 | 8.7 | 8.8 |
| 95° | 14.6 | 14.4 | 14.2 | 16.7 | 21.8 | 26.9 | 31.9 | 37.0 | 31.9 | 26.9 | 21.8 |
| 97.5° | 51.1 | 67.8 | 84.6 | 91.4 | 88.2 | 85.0 | 81.8 | 78.6 | 81.8 | 85.0 | 88.2 |
| 100° | 70.9 | 91.5 | 112.2 | 121.1 | 118.5 | 115.8 | 113.1 | 110.4 | 113.1 | 115.8 | 118.5 |
| 102.5° | 148.1 | 150.8 | 153.5 | 153.9 | 151.9 | 149.9 | 147.9 | 145.9 | 147.9 | 149.9 | 151.9 |
| 105° | 208.5 | 207.8 | 207.1 | 206.2 | 205.3 | 204.4 | 203.5 | 202.6 | 203.5 | 204.4 | 205.3 |
| 107.5° | 259.8 | 258.8 | 257.8 | 257.1 | 256.7 | 256.1 | 255.7 | 255.3 | 255.7 | 256.1 | 256.7 |
| 110° | 295.1 | 294.2 | 293.3 | 292.7 | 292.1 | 291.7 | 291.3 | 290.8 | 291.3 | 291.7 | 292.1 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 329.9 | 329.6 | 329.2 | 328.6 | 327.7 | 326.9 | 326.1 | 325.3 | 326.1 | 326.9 | 327.7 |
| 115° | 380.0 | 380.1 | 380.3 | 380.1 | 379.7 | 379.3 | 378.8 | 378.3 | 378.8 | 379.3 | 379.7 |
| 117.5° | 429.6 | 429.3 | 429.0 | 428.5 | 427.9 | 427.3 | 426.7 | 426.1 | 426.7 | 427.3 | 427.9 |
| 120° | 460.8 | 460.9 | 461.1 | 460.8 | 460.3 | 459.7 | 459.1 | 458.5 | 459.1 | 459.7 | 460.3 |
| 122.5° | 490.8 | 490.5 | 490.3 | 490.1 | 489.7 | 489.3 | 489.0 | 488.6 | 489.0 | 489.3 | 489.7 |
| 125° | 533.8 | 534.1 | 534.3 | 534.3 | 533.6 | 533.0 | 532.4 | 531.8 | 532.4 | 533.0 | 533.6 |
| 127.5° | 575.1 | 574.5 | 573.8 | 573.3 | 573.3 | 573.1 | 572.9 | 572.7 | 572.9 | 573.1 | 573.3 |
| 130° | 601.0 | 600.5 | 600.0 | 599.8 | 599.6 | 599.4 | 599.3 | 599.2 | 599.3 | 599.4 | 599.6 |
| 132.5° | 626.0 | 625.4 | 624.9 | 624.5 | 624.2 | 624.0 | 623.6 | 623.4 | 623.6 | 624.0 | 624.2 |
| 135° | 660.6 | 660.0 | 659.4 | 659.2 | 659.3 | 659.4 | 659.6 | 659.8 | 659.6 | 659.4 | 659.3 |
| 137.5° | 693.9 | 693.2 | 692.5 | 692.2 | 692.1 | 692.1 | 692.0 | 691.9 | 692.0 | 692.1 | 692.1 |
| 140° | 715.1 | 714.7 | 714.5 | 714.1 | 713.9 | 713.5 | 713.3 | 712.9 | 713.3 | 713.5 | 713.9 |
| 142.5° | 734.7 | 734.4 | 734.3 | 733.9 | 733.4 | 732.9 | 732.3 | 731.8 | 732.3 | 732.9 | 733.4 |
| 145° | 762.8 | 762.8 | 762.8 | 762.5 | 762.1 | 761.6 | 761.2 | 760.7 | 761.2 | 761.6 | 762.1 |
| 147.5° | 787.1 | 787.3 | 787.5 | 787.1 | 786.3 | 785.4 | 784.6 | 783.8 | 784.6 | 785.4 | 786.3 |
| 150° | 802.8 | 802.9 | 803.1 | 802.8 | 802.3 | 801.7 | 801.1 | 800.5 | 801.1 | 801.7 | 802.3 |
| 152.5° | 816.0 | 816.2 | 816.5 | 816.4 | 815.9 | 815.4 | 814.9 | 814.4 | 814.9 | 815.4 | 815.9 |
| 155° | 833.6 | 834.1 | 834.6 | 834.7 | 834.6 | 834.4 | 834.2 | 834.1 | 834.2 | 834.4 | 834.6 |
| 157.5° | 849.0 | 849.5 | 850.0 | 850.3 | 850.4 | 850.5 | 850.6 | 850.7 | 850.6 | 850.5 | 850.4 |
| 160° | 858.0 | 858.2 | 858.2 | 858.6 | 859.0 | 859.5 | 859.9 | 860.4 | 859.9 | 859.5 | 859.0 |
| 162.5° | 866.1 | 866.2 | 866.3 | 866.7 | 867.3 | 867.8 | 868.4 | 869.0 | 868.4 | 867.8 | 867.3 |
| 165° | 876.5 | 876.5 | 876.5 | 876.9 | 877.6 | 878.4 | 879.2 | 879.9 | 879.2 | 878.4 | 877.6 |
| 167.5° | 884.8 | 884.8 | 884.9 | 885.4 | 886.1 | 886.9 | 887.7 | 888.5 | 887.7 | 886.9 | 886.1 |
| 170° | 889.7 | 889.5 | 889.4 | 889.8 | 890.6 | 891.6 | 892.4 | 893.4 | 892.4 | 891.6 | 890.6 |
| 172.5° | 892.9 | 892.8 | 892.6 | 893.0 | 893.9 | 894.8 | 895.7 | 896.6 | 895.7 | 894.8 | 893.9 |
| 175° | 896.4 | 896.3 | 896.1 | 896.5 | 897.4 | 898.3 | 899.1 | 900.1 | 899.1 | 898.3 | 897.4 |
| 177.5° | 898.5 | 898.3 | 898.0 | 898.4 | 899.1 | 900.0 | 900.9 | 901.7 | 900.9 | 900.0 | 899.1 |
| 180° | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1409.2 | 1405.0 | 1398.8 | 1390.2 | 1383.0 | 1375.4 | 1373.6 | 1370.6 | 1376.4 | 1371.6 | 1370.2 |
| 5° | 1363.0 | 1350.6 | 1334.5 | 1316.0 | 1305.3 | 1289.9 | 1286.9 | 1280.9 | 1275.0 | 1274.4 | 1268.4 |
| 7.5° | 1314.1 | 1295.8 | 1274.7 | 1255.9 | 1238.5 | 1221.6 | 1210.6 | 1208.2 | 1199.4 | 1194.2 | 1188.3 |
| 10° | 1282.7 | 1260.1 | 1235.7 | 1217.8 | 1197.6 | 1179.7 | 1167.3 | 1160.1 | 1154.1 | 1147.5 | 1141.6 |
| 12.5° | 1245.5 | 1221.5 | 1201.4 | 1182.1 | 1158.0 | 1144.4 | 1123.9 | 1111.5 | 1110.3 | 1110.4 | 1094.9 |
| 15° | 1202.3 | 1178.5 | 1147.5 | 1120.2 | 1107.1 | 1080.9 | 1069.6 | 1055.3 | 1046.4 | 1037.4 | 1030.4 |
| 17.5° | 1153.0 | 1123.3 | 1099.2 | 1067.7 | 1042.7 | 1021.8 | 1007.0 | 998.4 | 985.0 | 972.3 | 963.2 |
| 20° | 1122.0 | 1090.5 | 1064.8 | 1031.5 | 1004.1 | 978.5 | 966.0 | 954.2 | 944.0 | 933.3 | 923.2 |
| 22.5° | 1090.5 | 1057.6 | 1026.2 | 993.9 | 968.5 | 941.4 | 929.4 | 913.2 | 903.5 | 897.6 | 887.4 |
| 25° | 1041.0 | 1005.3 | 969.6 | 938.7 | 912.5 | 888.6 | 872.6 | 860.1 | 849.4 | 844.6 | 838.1 |
| 27.5° | 987.2 | 951.7 | 917.2 | 882.1 | 852.4 | 835.1 | 822.3 | 812.8 | 806.7 | 800.3 | 797.4 |
| 30° | 953.0 | 916.0 | 879.2 | 846.4 | 819.0 | 801.8 | 789.9 | 783.3 | 778.5 | 775.6 | 772.6 |
| 32.5° | 918.2 | 881.8 | 842.9 | 813.0 | 788.5 | 773.2 | 764.1 | 757.6 | 755.2 | 754.1 | 753.0 |
| 35° | 862.5 | 825.5 | 789.9 | 763.1 | 739.9 | 733.9 | 726.2 | 722.6 | 721.4 | 725.6 | 727.4 |
| 37.5° | 808.6 | 774.3 | 741.4 | 715.4 | 700.3 | 691.6 | 688.9 | 689.1 | 693.3 | 697.0 | 701.3 |
| 40° | 773.8 | 740.5 | 709.5 | 686.9 | 672.6 | 667.3 | 666.1 | 669.0 | 673.8 | 678.0 | 682.7 |
| 42.5° | 739.9 | 707.1 | 679.0 | 657.8 | 647.8 | 642.9 | 643.7 | 646.6 | 653.3 | 658.4 | 665.6 |
| 45° | 687.5 | 660.1 | 632.7 | 615.4 | 607.1 | 608.3 | 608.3 | 613.6 | 620.2 | 627.9 | 635.7 |
| 47.5° | 638.1 | 610.4 | 588.0 | 573.4 | 569.1 | 568.1 | 571.4 | 578.4 | 587.8 | 597.4 | 608.2 |
| 50° | 604.8 | 578.5 | 558.9 | 545.8 | 541.1 | 542.9 | 547.6 | 554.1 | 565.4 | 577.4 | 588.7 |
| 52.5° | 570.9 | 547.1 | 528.9 | 516.8 | 513.4 | 516.7 | 521.4 | 531.8 | 541.7 | 554.5 | 568.2 |
| 55° | 518.4 | 498.2 | 483.9 | 475.0 | 473.8 | 475.6 | 481.0 | 492.2 | 506.5 | 522.6 | 535.7 |
| 57.5° | 466.1 | 449.3 | 436.2 | 430.0 | 430.6 | 432.2 | 441.1 | 454.5 | 469.8 | 486.9 | 503.8 |
| 60° | 430.9 | 415.4 | 404.8 | 400.0 | 400.5 | 404.2 | 414.8 | 427.4 | 446.4 | 463.0 | 481.0 |
| 62.5° | 397.6 | 384.0 | 373.8 | 369.5 | 368.7 | 376.5 | 386.8 | 399.8 | 418.8 | 437.4 | 456.7 |
| 65° | 344.1 | 333.3 | 325.0 | 322.6 | 324.4 | 330.4 | 343.5 | 360.7 | 376.8 | 396.4 | 416.6 |
| 67.5° | 291.6 | 282.8 | 277.2 | 278.2 | 280.3 | 289.1 | 300.1 | 315.0 | 333.2 | 353.5 | 373.6 |
| 70° | 258.3 | 249.9 | 245.2 | 245.8 | 249.4 | 260.1 | 269.7 | 284.5 | 304.2 | 325.0 | 341.6 |
| 72.5° | 224.0 | 218.5 | 214.3 | 216.8 | 220.3 | 227.7 | 239.6 | 254.5 | 271.8 | 291.2 | 308.8 |
| 75° | 172.0 | 172.0 | 169.6 | 171.4 | 176.8 | 183.9 | 192.9 | 208.4 | 225.6 | 241.1 | 255.4 |
| 77.5° | 127.6 | 126.3 | 127.9 | 130.0 | 133.1 | 141.5 | 151.8 | 162.8 | 175.8 | 191.3 | 203.1 |
| 80° | 97.6 | 98.2 | 101.2 | 104.8 | 106.0 | 112.5 | 123.2 | 133.4 | 143.4 | 156.5 | 167.8 |
| 82.5° | 73.4 | 74.0 | 75.5 | 80.0 | 81.2 | 88.3 | 95.1 | 105.2 | 114.4 | 123.2 | 132.6 |
| 85° | 39.9 | 39.9 | 42.9 | 44.6 | 47.6 | 52.3 | 56.6 | 62.5 | 70.9 | 76.8 | 85.7 |
| 87.5° | 17.0 | 17.2 | 19.4 | 20.6 | 22.2 | 24.9 | 26.0 | 31.4 | 33.5 | 36.1 | 40.5 |
| 90° | 8.6 | 10.0 | 11.2 | 12.4 | 13.6 | 14.8 | 15.7 | 16.6 | 17.5 | 18.4 | 19.0 |
| 92.5° | 8.9 | 9.5 | 10.7 | 11.9 | 13.1 | 14.3 | 15.2 | 16.1 | 17.0 | 17.8 | 18.3 |
| 95° | 16.7 | 14.2 | 14.4 | 14.6 | 14.6 | 14.8 | 15.7 | 16.6 | 17.5 | 18.4 | 18.9 |
| 97.5° | 91.4 | 84.6 | 67.8 | 51.1 | 34.4 | 17.7 | 17.8 | 18.0 | 18.1 | 18.2 | 18.3 |
| 100° | 121.1 | 112.2 | 91.5 | 70.9 | 50.3 | 29.6 | 27.0 | 24.5 | 22.0 | 19.5 | 18.3 |
| 102.5° | 153.9 | 153.5 | 150.8 | 148.1 | 145.4 | 142.8 | 115.3 | 87.8 | 60.4 | 33.0 | 19.3 |
| 105° | 206.2 | 207.1 | 207.8 | 208.5 | 209.3 | 210.0 | 211.4 | 212.8 | 214.0 | 215.4 | 213.4 |
| 107.5° | 257.1 | 257.8 | 258.8 | 259.8 | 260.9 | 261.9 | 262.5 | 263.2 | 263.8 | 264.5 | 265.1 |
| 110° | 292.7 | 293.3 | 294.2 | 295.1 | 296.0 | 296.9 | 297.2 | 297.5 | 297.8 | 298.1 | 298.4 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 328.6 | 329.2 | 329.6 | 329.9 | 330.4 | 330.8 | 330.8 | 330.7 | 330.6 | 330.5 | 330.8 |
| 115° | 380.1 | 380.3 | 380.1 | 380.0 | 379.9 | 379.7 | 380.0 | 380.3 | 380.6 | 380.9 | 381.1 |
| 117.5° | 428.5 | 429.0 | 429.3 | 429.6 | 430.0 | 430.3 | 430.2 | 430.2 | 430.2 | 430.1 | 430.0 |
| 120° | 460.8 | 461.1 | 460.9 | 460.8 | 460.6 | 460.5 | 460.8 | 461.1 | 461.4 | 461.7 | 461.7 |
| 122.5° | 490.1 | 490.3 | 490.5 | 490.8 | 490.9 | 491.2 | 491.4 | 491.5 | 491.7 | 491.9 | 491.8 |
| 125° | 534.3 | 534.3 | 534.1 | 533.8 | 533.5 | 533.2 | 533.6 | 534.1 | 534.5 | 534.9 | 535.3 |
| 127.5° | 573.3 | 573.8 | 574.5 | 575.1 | 575.8 | 576.5 | 576.4 | 576.4 | 576.3 | 576.2 | 576.1 |
| 130° | 599.8 | 600.0 | 600.5 | 601.0 | 601.4 | 601.8 | 602.0 | 602.2 | 602.3 | 602.4 | 602.5 |
| 132.5° | 624.5 | 624.9 | 625.4 | 626.0 | 626.5 | 627.2 | 627.3 | 627.5 | 627.6 | 627.8 | 627.8 |
| 135° | 659.2 | 659.4 | 660.0 | 660.6 | 661.2 | 661.8 | 662.0 | 662.4 | 662.6 | 663.0 | 663.2 |
| 137.5° | 692.2 | 692.5 | 693.2 | 693.9 | 694.5 | 695.2 | 695.5 | 695.8 | 696.1 | 696.5 | 696.5 |
| 140° | 714.1 | 714.5 | 714.7 | 715.1 | 715.3 | 715.6 | 716.1 | 716.5 | 717.0 | 717.4 | 717.7 |
| 142.5° | 733.9 | 734.3 | 734.4 | 734.7 | 734.9 | 735.0 | 735.4 | 735.6 | 736.0 | 736.3 | 736.5 |
| 145° | 762.5 | 762.8 | 762.8 | 762.8 | 762.8 | 762.8 | 762.9 | 763.0 | 763.2 | 763.4 | 763.5 |
| 147.5° | 787.1 | 787.5 | 787.3 | 787.1 | 787.0 | 786.9 | 787.0 | 787.1 | 787.2 | 787.3 | 787.5 |
| 150° | 802.8 | 803.1 | 802.9 | 802.8 | 802.6 | 802.5 | 802.5 | 802.5 | 802.5 | 802.5 | 802.5 |
| 152.5° | 816.4 | 816.5 | 816.2 | 816.0 | 815.6 | 815.4 | 815.6 | 815.9 | 816.1 | 816.3 | 816.4 |
| 155° | 834.7 | 834.6 | 834.1 | 833.6 | 833.2 | 832.8 | 833.4 | 834.0 | 834.6 | 835.2 | 835.3 |
| 157.5° | 850.3 | 850.0 | 849.5 | 849.0 | 848.5 | 848.0 | 848.8 | 849.5 | 850.3 | 851.1 | 851.1 |
| 160° | 858.6 | 858.2 | 858.2 | 858.0 | 857.8 | 857.6 | 858.6 | 859.5 | 860.4 | 861.3 | 861.3 |
| 162.5° | 866.7 | 866.3 | 866.2 | 866.1 | 865.9 | 865.7 | 866.7 | 867.5 | 868.4 | 869.4 | 869.3 |
| 165° | 876.9 | 876.5 | 876.5 | 876.5 | 876.5 | 876.5 | 877.7 | 878.9 | 880.1 | 881.3 | 881.2 |
| 167.5° | 885.4 | 884.9 | 884.8 | 884.8 | 884.7 | 884.6 | 885.9 | 887.3 | 888.6 | 889.8 | 889.8 |
| 170° | 889.8 | 889.4 | 889.5 | 889.7 | 889.8 | 890.0 | 891.1 | 892.3 | 893.5 | 894.8 | 894.6 |
| 172.5° | 893.0 | 892.6 | 892.8 | 892.9 | 893.0 | 893.2 | 894.4 | 895.6 | 896.8 | 898.0 | 897.8 |
| 175° | 896.5 | 896.1 | 896.3 | 896.4 | 896.6 | 896.7 | 898.0 | 899.4 | 900.8 | 902.1 | 901.9 |
| 177.5° | 898.4 | 898.0 | 898.3 | 898.5 | 898.8 | 899.0 | 899.9 | 901.0 | 901.9 | 902.8 | 902.6 |
| 180° | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1369.2 | 1368.3 | 1364.9 | 1364.5 | 1364.9 | 1368.3 | 1369.2 | 1370.2 | 1371.6 | 1376.4 | 1370.6 |
| 5° | 1264.8 | 1261.9 | 1260.1 | 1266.6 | 1260.1 | 1261.9 | 1264.8 | 1268.4 | 1274.4 | 1275.0 | 1280.9 |
| 7.5° | 1186.1 | 1183.8 | 1178.5 | 1176.9 | 1178.5 | 1183.8 | 1186.1 | 1188.3 | 1194.2 | 1199.4 | 1208.2 |
| 10° | 1135.7 | 1133.2 | 1128.5 | 1127.3 | 1128.5 | 1133.2 | 1135.7 | 1141.6 | 1147.5 | 1154.1 | 1160.1 |
| 12.5° | 1087.1 | 1082.4 | 1081.4 | 1082.5 | 1081.4 | 1082.4 | 1087.1 | 1094.9 | 1110.4 | 1110.3 | 1111.5 |
| 15° | 1022.6 | 1020.2 | 1013.7 | 1015.5 | 1013.7 | 1020.2 | 1022.6 | 1030.4 | 1037.4 | 1046.4 | 1055.3 |
| 17.5° | 959.0 | 956.1 | 948.2 | 955.2 | 948.2 | 956.1 | 959.0 | 963.2 | 972.3 | 985.0 | 998.4 |
| 20° | 919.0 | 914.2 | 910.1 | 909.5 | 910.1 | 914.2 | 919.0 | 923.2 | 933.3 | 944.0 | 954.2 |
| 22.5° | 880.9 | 876.7 | 876.2 | 872.4 | 876.2 | 876.7 | 880.9 | 887.4 | 897.6 | 903.5 | 913.2 |
| 25° | 833.3 | 829.1 | 827.9 | 825.0 | 827.9 | 829.1 | 833.3 | 838.1 | 844.6 | 849.4 | 860.1 |
| 27.5° | 796.8 | 794.7 | 792.6 | 793.5 | 792.6 | 794.7 | 796.8 | 797.4 | 800.3 | 806.7 | 812.8 |
| 30° | 774.4 | 773.8 | 772.6 | 772.6 | 772.6 | 773.8 | 774.4 | 772.6 | 775.6 | 778.5 | 783.3 |
| 32.5° | 755.8 | 755.7 | 756.4 | 756.4 | 756.4 | 755.7 | 755.8 | 753.0 | 754.1 | 755.2 | 757.6 |
| 35° | 729.7 | 731.5 | 732.7 | 730.9 | 732.7 | 731.5 | 729.7 | 727.4 | 725.6 | 721.4 | 722.6 |
| 37.5° | 706.2 | 707.9 | 709.6 | 711.6 | 709.6 | 707.9 | 706.2 | 701.3 | 697.0 | 693.3 | 689.1 |
| 40° | 688.0 | 692.2 | 693.4 | 696.4 | 693.4 | 692.2 | 688.0 | 682.7 | 678.0 | 673.8 | 669.0 |
| 42.5° | 670.9 | 675.5 | 678.6 | 679.2 | 678.6 | 675.5 | 670.9 | 665.6 | 658.4 | 653.3 | 646.6 |
| 45° | 644.6 | 649.4 | 653.6 | 653.6 | 653.6 | 649.4 | 644.6 | 635.7 | 627.9 | 620.2 | 613.6 |
| 47.5° | 617.3 | 624.2 | 628.4 | 629.5 | 628.4 | 624.2 | 617.3 | 608.2 | 597.4 | 587.8 | 578.4 |
| 50° | 598.8 | 607.1 | 611.3 | 614.2 | 611.3 | 607.1 | 598.8 | 588.7 | 577.4 | 565.4 | 554.1 |
| 52.5° | 580.7 | 589.0 | 594.6 | 596.2 | 594.6 | 589.0 | 580.7 | 568.2 | 554.5 | 541.7 | 531.8 |
| 55° | 549.4 | 561.3 | 567.8 | 570.2 | 567.8 | 561.3 | 549.4 | 535.7 | 522.6 | 506.5 | 492.2 |
| 57.5° | 519.9 | 530.8 | 538.5 | 540.2 | 538.5 | 530.8 | 519.9 | 503.8 | 486.9 | 469.8 | 454.5 |
| 60° | 497.0 | 508.9 | 518.4 | 520.2 | 518.4 | 508.9 | 497.0 | 481.0 | 463.0 | 446.4 | 427.4 |
| 62.5° | 473.6 | 486.0 | 494.6 | 499.3 | 494.6 | 486.0 | 473.6 | 456.7 | 437.4 | 418.8 | 399.8 |
| 65° | 433.3 | 445.8 | 454.2 | 455.9 | 454.2 | 445.8 | 433.3 | 416.6 | 396.4 | 376.8 | 360.7 |
| 67.5° | 389.3 | 401.7 | 407.3 | 410.7 | 407.3 | 401.7 | 389.3 | 373.6 | 353.5 | 333.2 | 315.0 |
| 70° | 358.3 | 368.4 | 374.4 | 377.4 | 374.4 | 368.4 | 358.3 | 341.6 | 325.0 | 304.2 | 284.5 |
| 72.5° | 323.0 | 333.6 | 340.6 | 341.2 | 340.6 | 333.6 | 323.0 | 308.8 | 291.2 | 271.8 | 254.5 |
| 75° | 269.1 | 278.5 | 282.1 | 282.1 | 282.1 | 278.5 | 269.1 | 255.4 | 241.1 | 225.6 | 208.4 |
| 77.5° | 212.9 | 217.8 | 222.4 | 223.3 | 222.4 | 217.8 | 212.9 | 203.1 | 191.3 | 175.8 | 162.8 |
| 80° | 176.8 | 179.8 | 183.3 | 183.3 | 183.3 | 179.8 | 176.8 | 167.8 | 156.5 | 143.4 | 133.4 |
| 82.5° | 139.7 | 142.2 | 145.7 | 145.3 | 145.7 | 142.2 | 139.7 | 132.6 | 123.2 | 114.4 | 105.2 |
| 85° | 84.6 | 89.9 | 89.3 | 88.1 | 89.3 | 89.9 | 84.6 | 85.7 | 76.8 | 70.9 | 62.5 |
| 87.5° | 41.9 | 42.4 | 44.0 | 45.0 | 44.0 | 42.4 | 41.9 | 40.5 | 36.1 | 33.5 | 31.4 |
| 90° | 19.3 | 19.6 | 19.9 | 20.2 | 19.9 | 19.6 | 19.3 | 19.0 | 18.4 | 17.5 | 16.6 |
| 92.5° | 18.4 | 18.4 | 18.5 | 18.6 | 18.5 | 18.4 | 18.4 | 18.3 | 17.8 | 17.0 | 16.1 |
| 95° | 19.1 | 19.2 | 19.4 | 19.5 | 19.4 | 19.2 | 19.1 | 18.9 | 18.4 | 17.5 | 16.6 |
| 97.5° | 18.4 | 18.5 | 18.7 | 18.9 | 18.7 | 18.5 | 18.4 | 18.3 | 18.2 | 18.1 | 18.0 |
| 100° | 18.4 | 18.5 | 18.7 | 18.9 | 18.7 | 18.5 | 18.4 | 18.3 | 19.5 | 22.0 | 24.5 |
| 102.5° | 19.3 | 19.3 | 19.4 | 19.4 | 19.4 | 19.3 | 19.3 | 19.3 | 33.0 | 60.4 | 87.8 |
| 105° | 208.0 | 202.6 | 197.3 | 191.8 | 197.3 | 202.6 | 208.0 | 213.4 | 215.4 | 214.0 | 212.8 |
| 107.5° | 265.7 | 266.2 | 266.8 | 267.4 | 266.8 | 266.2 | 265.7 | 265.1 | 264.5 | 263.8 | 263.2 |
| 110° | 298.9 | 299.4 | 299.8 | 300.2 | 299.8 | 299.4 | 298.9 | 298.4 | 298.1 | 297.8 | 297.5 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 331.4 | 332.0 | 332.5 | 333.1 | 332.5 | 332.0 | 331.4 | 330.8 | 330.5 | 330.6 | 330.7 |
| 115° | 381.1 | 381.1 | 381.1 | 381.1 | 381.1 | 381.1 | 381.1 | 381.1 | 380.9 | 380.6 | 380.3 |
| 117.5° | 430.0 | 429.9 | 429.8 | 429.8 | 429.8 | 429.9 | 430.0 | 430.0 | 430.1 | 430.2 | 430.2 |
| 120° | 461.4 | 461.1 | 460.8 | 460.5 | 460.8 | 461.1 | 461.4 | 461.7 | 461.7 | 461.4 | 461.1 |
| 122.5° | 491.5 | 491.2 | 490.9 | 490.6 | 490.9 | 491.2 | 491.5 | 491.8 | 491.9 | 491.7 | 491.5 |
| 125° | 535.5 | 535.5 | 535.7 | 535.9 | 535.7 | 535.5 | 535.5 | 535.3 | 534.9 | 534.5 | 534.1 |
| 127.5° | 575.9 | 575.8 | 575.8 | 575.6 | 575.8 | 575.8 | 575.9 | 576.1 | 576.2 | 576.3 | 576.4 |
| 130° | 602.5 | 602.5 | 602.5 | 602.5 | 602.5 | 602.5 | 602.5 | 602.5 | 602.4 | 602.3 | 602.2 |
| 132.5° | 627.7 | 627.5 | 627.4 | 627.3 | 627.4 | 627.5 | 627.7 | 627.8 | 627.8 | 627.6 | 627.5 |
| 135° | 663.6 | 663.8 | 664.2 | 664.4 | 664.2 | 663.8 | 663.6 | 663.2 | 663.0 | 662.6 | 662.4 |
| 137.5° | 696.5 | 696.4 | 696.3 | 696.2 | 696.3 | 696.4 | 696.5 | 696.5 | 696.5 | 696.1 | 695.8 |
| 140° | 717.9 | 718.0 | 718.2 | 718.3 | 718.2 | 718.0 | 717.9 | 717.7 | 717.4 | 717.0 | 716.5 |
| 142.5° | 736.5 | 736.6 | 736.6 | 736.6 | 736.6 | 736.6 | 736.5 | 736.5 | 736.3 | 736.0 | 735.6 |
| 145° | 763.9 | 764.1 | 764.5 | 764.7 | 764.5 | 764.1 | 763.9 | 763.5 | 763.4 | 763.2 | 763.0 |
| 147.5° | 787.6 | 787.7 | 787.9 | 788.1 | 787.9 | 787.7 | 787.6 | 787.5 | 787.3 | 787.2 | 787.1 |
| 150° | 802.7 | 802.8 | 803.0 | 803.1 | 803.0 | 802.8 | 802.7 | 802.5 | 802.5 | 802.5 | 802.5 |
| 152.5° | 816.3 | 816.2 | 816.1 | 816.1 | 816.1 | 816.2 | 816.3 | 816.4 | 816.3 | 816.1 | 815.9 |
| 155° | 834.7 | 834.3 | 833.9 | 833.4 | 833.9 | 834.3 | 834.7 | 835.3 | 835.2 | 834.6 | 834.0 |
| 157.5° | 850.3 | 849.5 | 848.8 | 848.0 | 848.8 | 849.5 | 850.3 | 851.1 | 851.1 | 850.3 | 849.5 |
| 160° | 860.4 | 859.5 | 858.6 | 857.6 | 858.6 | 859.5 | 860.4 | 861.3 | 861.3 | 860.4 | 859.5 |
| 162.5° | 868.2 | 867.2 | 866.3 | 865.2 | 866.3 | 867.2 | 868.2 | 869.3 | 869.4 | 868.4 | 867.5 |
| 165° | 879.9 | 878.6 | 877.2 | 875.8 | 877.2 | 878.6 | 879.9 | 881.2 | 881.3 | 880.1 | 878.9 |
| 167.5° | 888.3 | 886.7 | 885.3 | 883.8 | 885.3 | 886.7 | 888.3 | 889.8 | 889.8 | 888.6 | 887.3 |
| 170° | 893.1 | 891.7 | 890.1 | 888.6 | 890.1 | 891.7 | 893.1 | 894.6 | 894.8 | 893.5 | 892.3 |
| 172.5° | 896.2 | 894.6 | 892.9 | 891.3 | 892.9 | 894.6 | 896.2 | 897.8 | 898.0 | 896.8 | 895.6 |
| 175° | 900.1 | 898.3 | 896.5 | 894.7 | 896.5 | 898.3 | 900.1 | 901.9 | 902.1 | 900.8 | 899.4 |
| 177.5° | 901.1 | 899.7 | 898.3 | 896.8 | 898.3 | 899.7 | 901.1 | 902.6 | 902.8 | 901.9 | 901.0 |
| 180° | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1373.6 | 1375.4 | 1383.0 | 1390.2 | 1398.8 | 1405.0 | 1409.2 | 1414.0 | 1424.0 | 1432.1 | 1439.7 |
| 5° | 1286.9 | 1289.9 | 1305.3 | 1316.0 | 1334.5 | 1350.6 | 1363.0 | 1376.7 | 1392.8 | 1414.8 | 1435.0 |
| 7.5° | 1210.6 | 1221.6 | 1238.5 | 1255.9 | 1274.7 | 1295.8 | 1314.1 | 1334.7 | 1362.4 | 1392.7 | 1423.8 |
| 10° | 1167.3 | 1179.7 | 1197.6 | 1217.8 | 1235.7 | 1260.1 | 1282.7 | 1307.1 | 1338.6 | 1375.5 | 1412.5 |
| 12.5° | 1123.9 | 1144.4 | 1158.0 | 1182.1 | 1201.4 | 1221.5 | 1245.5 | 1277.6 | 1314.3 | 1353.1 | 1397.7 |
| 15° | 1069.6 | 1080.9 | 1107.1 | 1120.2 | 1147.5 | 1178.5 | 1202.3 | 1234.5 | 1270.1 | 1321.4 | 1371.4 |
| 17.5° | 1007.0 | 1021.8 | 1042.7 | 1067.7 | 1099.2 | 1123.3 | 1153.0 | 1186.0 | 1231.1 | 1281.9 | 1344.5 |
| 20° | 966.0 | 978.5 | 1004.1 | 1031.5 | 1064.8 | 1090.5 | 1122.0 | 1154.1 | 1200.6 | 1254.7 | 1320.2 |
| 22.5° | 929.4 | 941.4 | 968.5 | 993.9 | 1026.2 | 1057.6 | 1090.5 | 1127.9 | 1172.4 | 1229.5 | 1296.4 |
| 25° | 872.6 | 888.6 | 912.5 | 938.7 | 969.6 | 1005.3 | 1041.0 | 1074.4 | 1122.0 | 1182.1 | 1253.5 |
| 27.5° | 822.3 | 835.1 | 852.4 | 882.1 | 917.2 | 951.7 | 987.2 | 1029.2 | 1074.9 | 1138.4 | 1212.5 |
| 30° | 789.9 | 801.8 | 819.0 | 846.4 | 879.2 | 916.0 | 953.0 | 993.4 | 1041.0 | 1104.1 | 1179.7 |
| 32.5° | 764.1 | 773.2 | 788.5 | 813.0 | 842.9 | 881.8 | 918.2 | 960.1 | 1010.0 | 1072.2 | 1145.9 |
| 35° | 726.2 | 733.9 | 739.9 | 763.1 | 789.9 | 825.5 | 862.5 | 907.1 | 955.3 | 1014.3 | 1088.0 |
| 37.5° | 688.9 | 691.6 | 700.3 | 715.4 | 741.4 | 774.3 | 808.6 | 852.5 | 901.9 | 961.7 | 1028.3 |
| 40° | 666.1 | 667.3 | 672.6 | 686.9 | 709.5 | 740.5 | 773.8 | 817.3 | 864.3 | 920.8 | 986.9 |
| 42.5° | 643.7 | 642.9 | 647.8 | 657.8 | 679.0 | 707.1 | 739.9 | 779.6 | 826.6 | 878.9 | 941.2 |
| 45° | 608.3 | 608.3 | 607.1 | 615.4 | 632.7 | 660.1 | 687.5 | 725.6 | 764.8 | 816.1 | 868.4 |
| 47.5° | 571.4 | 568.1 | 569.1 | 573.4 | 588.0 | 610.4 | 638.1 | 669.3 | 703.9 | 747.3 | 793.2 |
| 50° | 547.6 | 542.9 | 541.1 | 545.8 | 558.9 | 578.5 | 604.8 | 632.1 | 664.9 | 702.9 | 742.3 |
| 52.5° | 521.4 | 516.7 | 513.4 | 516.8 | 528.9 | 547.1 | 570.9 | 595.0 | 624.4 | 655.3 | 689.4 |
| 55° | 481.0 | 475.6 | 473.8 | 475.0 | 483.9 | 498.2 | 518.4 | 540.4 | 562.5 | 588.1 | 611.9 |
| 57.5° | 441.1 | 432.2 | 430.6 | 430.0 | 436.2 | 449.3 | 466.1 | 485.3 | 501.3 | 516.8 | 542.1 |
| 60° | 414.8 | 404.2 | 400.5 | 400.0 | 404.8 | 415.4 | 430.9 | 450.0 | 461.3 | 472.0 | 494.0 |
| 62.5° | 386.8 | 376.5 | 368.7 | 369.5 | 373.8 | 384.0 | 397.6 | 411.4 | 418.9 | 430.6 | 445.5 |
| 65° | 343.5 | 330.4 | 324.4 | 322.6 | 325.0 | 333.3 | 344.1 | 352.9 | 361.3 | 366.1 | 380.3 |
| 67.5° | 300.1 | 289.1 | 280.3 | 278.2 | 277.2 | 282.8 | 291.6 | 297.0 | 303.0 | 307.1 | 315.6 |
| 70° | 269.7 | 260.1 | 249.4 | 245.8 | 245.2 | 249.9 | 258.3 | 258.9 | 267.3 | 269.1 | 277.9 |
| 72.5° | 239.6 | 227.7 | 220.3 | 216.8 | 214.3 | 218.5 | 224.0 | 225.6 | 230.1 | 233.3 | 238.0 |
| 75° | 192.9 | 183.9 | 176.8 | 171.4 | 169.6 | 172.0 | 172.0 | 175.0 | 178.0 | 179.8 | 185.1 |
| 77.5° | 151.8 | 141.5 | 133.1 | 130.0 | 127.9 | 126.3 | 127.6 | 129.4 | 127.9 | 131.0 | 132.2 |
| 80° | 123.2 | 112.5 | 106.0 | 104.8 | 101.2 | 98.2 | 97.6 | 99.4 | 97.0 | 98.2 | 101.8 |
| 82.5° | 95.1 | 88.3 | 81.2 | 80.0 | 75.5 | 74.0 | 73.4 | 72.2 | 72.2 | 72.0 | 72.8 |
| 85° | 56.6 | 52.3 | 47.6 | 44.6 | 42.9 | 39.9 | 39.9 | 38.7 | 37.5 | 36.3 | 36.9 |
| 87.5° | 26.0 | 24.9 | 22.2 | 20.6 | 19.4 | 17.2 | 17.0 | 15.2 | 14.4 | 13.6 | 12.7 |
| 90° | 15.7 | 14.8 | 13.6 | 12.4 | 11.2 | 10.0 | 8.6 | 7.0 | 5.3 | 3.7 | 2.0 |
| 92.5° | 15.2 | 14.3 | 13.1 | 11.9 | 10.7 | 9.5 | 8.9 | 8.8 | 8.7 | 8.6 | 8.5 |
| 95° | 15.7 | 14.8 | 14.6 | 14.6 | 14.4 | 14.2 | 16.7 | 21.8 | 26.9 | 31.9 | 37.0 |
| 97.5° | 17.8 | 17.7 | 34.4 | 51.1 | 67.8 | 84.6 | 91.4 | 88.2 | 85.0 | 81.8 | 78.6 |
| 100° | 27.0 | 29.6 | 50.3 | 70.9 | 91.5 | 112.2 | 121.1 | 118.5 | 115.8 | 113.1 | 110.4 |
| 102.5° | 115.3 | 142.8 | 145.4 | 148.1 | 150.8 | 153.5 | 153.9 | 151.9 | 149.9 | 147.9 | 145.9 |
| 105° | 211.4 | 210.0 | 209.3 | 208.5 | 207.8 | 207.1 | 206.2 | 205.3 | 204.4 | 203.5 | 202.6 |
| 107.5° | 262.5 | 261.9 | 260.9 | 259.8 | 258.8 | 257.8 | 257.1 | 256.7 | 256.1 | 255.7 | 255.3 |
| 110° | 297.2 | 296.9 | 296.0 | 295.1 | 294.2 | 293.3 | 292.7 | 292.1 | 291.7 | 291.3 | 290.8 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 330.8 | 330.8 | 330.4 | 329.9 | 329.6 | 329.2 | 328.6 | 327.7 | 326.9 | 326.1 | 325.3 |
| 115° | 380.0 | 379.7 | 379.9 | 380.0 | 380.1 | 380.3 | 380.1 | 379.7 | 379.3 | 378.8 | 378.3 |
| 117.5° | 430.2 | 430.3 | 430.0 | 429.6 | 429.3 | 429.0 | 428.5 | 427.9 | 427.3 | 426.7 | 426.1 |
| 120° | 460.8 | 460.5 | 460.6 | 460.8 | 460.9 | 461.1 | 460.8 | 460.3 | 459.7 | 459.1 | 458.5 |
| 122.5° | 491.4 | 491.2 | 490.9 | 490.8 | 490.5 | 490.3 | 490.1 | 489.7 | 489.3 | 489.0 | 488.6 |
| 125° | 533.6 | 533.2 | 533.5 | 533.8 | 534.1 | 534.3 | 534.3 | 533.6 | 533.0 | 532.4 | 531.8 |
| 127.5° | 576.4 | 576.5 | 575.8 | 575.1 | 574.5 | 573.8 | 573.3 | 573.3 | 573.1 | 572.9 | 572.7 |
| 130° | 602.0 | 601.8 | 601.4 | 601.0 | 600.5 | 600.0 | 599.8 | 599.6 | 599.4 | 599.3 | 599.2 |
| 132.5° | 627.3 | 627.2 | 626.5 | 626.0 | 625.4 | 624.9 | 624.5 | 624.2 | 624.0 | 623.6 | 623.4 |
| 135° | 662.0 | 661.8 | 661.2 | 660.6 | 660.0 | 659.4 | 659.2 | 659.3 | 659.4 | 659.6 | 659.8 |
| 137.5° | 695.5 | 695.2 | 694.5 | 693.9 | 693.2 | 692.5 | 692.2 | 692.1 | 692.1 | 692.0 | 691.9 |
| 140° | 716.1 | 715.6 | 715.3 | 715.1 | 714.7 | 714.5 | 714.1 | 713.9 | 713.5 | 713.3 | 712.9 |
| 142.5° | 735.4 | 735.0 | 734.9 | 734.7 | 734.4 | 734.3 | 733.9 | 733.4 | 732.9 | 732.3 | 731.8 |
| 145° | 762.9 | 762.8 | 762.8 | 762.8 | 762.8 | 762.8 | 762.5 | 762.1 | 761.6 | 761.2 | 760.7 |
| 147.5° | 787.0 | 786.9 | 787.0 | 787.1 | 787.3 | 787.5 | 787.1 | 786.3 | 785.4 | 784.6 | 783.8 |
| 150° | 802.5 | 802.5 | 802.6 | 802.8 | 802.9 | 803.1 | 802.8 | 802.3 | 801.7 | 801.1 | 800.5 |
| 152.5° | 815.6 | 815.4 | 815.6 | 816.0 | 816.2 | 816.5 | 816.4 | 815.9 | 815.4 | 814.9 | 814.4 |
| 155° | 833.4 | 832.8 | 833.2 | 833.6 | 834.1 | 834.6 | 834.7 | 834.6 | 834.4 | 834.2 | 834.1 |
| 157.5° | 848.8 | 848.0 | 848.5 | 849.0 | 849.5 | 850.0 | 850.3 | 850.4 | 850.5 | 850.6 | 850.7 |
| 160° | 858.6 | 857.6 | 857.8 | 858.0 | 858.2 | 858.2 | 858.6 | 859.0 | 859.5 | 859.9 | 860.4 |
| 162.5° | 866.7 | 865.7 | 865.9 | 866.1 | 866.2 | 866.3 | 866.7 | 867.3 | 867.8 | 868.4 | 869.0 |
| 165° | 877.7 | 876.5 | 876.5 | 876.5 | 876.5 | 876.5 | 876.9 | 877.6 | 878.4 | 879.2 | 879.9 |
| 167.5° | 885.9 | 884.6 | 884.7 | 884.8 | 884.8 | 884.9 | 885.4 | 886.1 | 886.9 | 887.7 | 888.5 |
| 170° | 891.1 | 890.0 | 889.8 | 889.7 | 889.5 | 889.4 | 889.8 | 890.6 | 891.6 | 892.4 | 893.4 |
| 172.5° | 894.4 | 893.2 | 893.0 | 892.9 | 892.8 | 892.6 | 893.0 | 893.9 | 894.8 | 895.7 | 896.6 |
| 175° | 898.0 | 896.7 | 896.6 | 896.4 | 896.3 | 896.1 | 896.5 | 897.4 | 898.3 | 899.1 | 900.1 |
| 177.5° | 899.9 | 899.0 | 898.8 | 898.5 | 898.3 | 898.0 | 898.4 | 899.1 | 900.0 | 900.9 | 901.7 |
| 180° | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1446.4 | 1451.1 | 1457.3 | 1467.8 | 1471.6 | 1476.4 | 1483.1 | 1482.6 | 1484.5 | 1491.6 | 1506.8 |
| 5° | 1451.7 | 1470.2 | 1488.1 | 1509.5 | 1532.1 | 1547.0 | 1567.2 | 1579.7 | 1592.2 | 1608.3 | 1635.6 |
| 7.5° | 1453.9 | 1483.2 | 1515.9 | 1553.5 | 1587.0 | 1625.6 | 1655.6 | 1683.9 | 1709.6 | 1743.5 | 1776.2 |
| 10° | 1450.5 | 1489.8 | 1532.1 | 1579.7 | 1630.3 | 1673.2 | 1711.8 | 1755.9 | 1793.4 | 1834.4 | 1871.4 |
| 12.5° | 1444.3 | 1491.8 | 1548.3 | 1601.6 | 1660.8 | 1724.1 | 1772.3 | 1816.8 | 1866.7 | 1914.0 | 1970.9 |
| 15° | 1430.3 | 1495.2 | 1561.3 | 1631.5 | 1710.6 | 1783.8 | 1853.5 | 1911.2 | 1964.8 | 2035.7 | 2110.1 |
| 17.5° | 1412.5 | 1482.5 | 1565.7 | 1650.8 | 1733.5 | 1817.2 | 1903.4 | 1990.2 | 2057.8 | 2145.8 | 2204.0 |
| 20° | 1395.8 | 1476.7 | 1562.5 | 1663.6 | 1746.4 | 1850.5 | 1936.2 | 2020.2 | 2113.0 | 2200.5 | 2270.1 |
| 22.5° | 1372.4 | 1461.0 | 1552.0 | 1652.7 | 1761.6 | 1865.8 | 1964.8 | 2055.9 | 2148.7 | 2243.9 | 2328.2 |
| 25° | 1342.8 | 1423.1 | 1530.9 | 1645.2 | 1753.5 | 1866.6 | 1980.3 | 2094.6 | 2194.5 | 2295.2 | 2373.7 |
| 27.5° | 1292.4 | 1393.8 | 1494.1 | 1612.1 | 1732.4 | 1860.4 | 1981.9 | 2101.6 | 2206.3 | 2289.1 | 2337.8 |
| 30° | 1266.6 | 1354.7 | 1463.6 | 1582.1 | 1712.4 | 1849.9 | 1976.7 | 2094.0 | 2191.6 | 2257.6 | 2277.3 |
| 32.5° | 1228.6 | 1319.5 | 1426.0 | 1548.8 | 1686.7 | 1828.0 | 1960.1 | 2070.6 | 2152.1 | 2186.7 | 2163.0 |
| 35° | 1172.0 | 1254.1 | 1361.8 | 1487.5 | 1630.9 | 1781.5 | 1911.9 | 2005.3 | 2046.9 | 2014.2 | 1932.7 |
| 37.5° | 1104.1 | 1185.5 | 1293.7 | 1417.1 | 1565.6 | 1718.6 | 1836.5 | 1903.8 | 1889.9 | 1808.5 | 1687.0 |
| 40° | 1056.5 | 1132.7 | 1235.7 | 1369.0 | 1513.6 | 1667.2 | 1770.7 | 1807.1 | 1769.0 | 1652.3 | 1523.2 |
| 42.5° | 1003.7 | 1078.0 | 1181.4 | 1309.9 | 1463.2 | 1604.8 | 1695.1 | 1698.1 | 1634.2 | 1494.7 | 1365.0 |
| 45° | 923.2 | 994.0 | 1091.7 | 1225.5 | 1367.2 | 1500.6 | 1560.0 | 1530.9 | 1413.1 | 1278.5 | 1148.1 |
| 47.5° | 843.8 | 905.2 | 1001.4 | 1128.5 | 1263.1 | 1375.3 | 1404.8 | 1352.3 | 1226.8 | 1096.1 | 975.3 |
| 50° | 785.7 | 847.6 | 938.1 | 1059.5 | 1189.2 | 1286.2 | 1300.5 | 1230.9 | 1107.7 | 976.1 | 881.5 |
| 52.5° | 730.0 | 791.4 | 878.6 | 990.9 | 1109.7 | 1197.2 | 1197.7 | 1117.1 | 994.4 | 877.1 | 789.1 |
| 55° | 648.2 | 703.5 | 782.1 | 882.7 | 988.7 | 1057.1 | 1040.4 | 957.1 | 850.6 | 748.8 | 672.0 |
| 57.5° | 569.4 | 617.6 | 690.0 | 773.9 | 867.2 | 923.7 | 896.0 | 815.8 | 720.7 | 634.4 | 576.2 |
| 60° | 518.4 | 564.3 | 626.2 | 705.3 | 783.9 | 827.9 | 801.8 | 729.1 | 641.6 | 572.0 | 521.4 |
| 62.5° | 468.9 | 507.6 | 567.1 | 635.8 | 708.7 | 741.3 | 718.0 | 646.3 | 570.7 | 507.7 | 466.7 |
| 65° | 398.8 | 430.3 | 477.9 | 536.9 | 589.9 | 617.9 | 598.2 | 531.5 | 473.8 | 428.5 | 395.8 |
| 67.5° | 333.3 | 358.0 | 394.0 | 441.3 | 486.3 | 501.4 | 483.5 | 437.1 | 388.2 | 352.0 | 328.9 |
| 70° | 288.1 | 311.3 | 341.6 | 378.0 | 417.2 | 433.3 | 415.4 | 378.6 | 338.7 | 305.3 | 282.8 |
| 72.5° | 248.6 | 266.6 | 292.1 | 323.2 | 354.0 | 370.0 | 357.8 | 322.4 | 288.7 | 263.9 | 244.6 |
| 75° | 189.2 | 204.7 | 222.6 | 244.6 | 268.5 | 279.1 | 268.5 | 244.0 | 220.8 | 202.3 | 188.6 |
| 77.5° | 137.6 | 145.9 | 159.7 | 176.2 | 191.1 | 199.2 | 190.0 | 173.4 | 159.3 | 146.6 | 139.9 |
| 80° | 104.8 | 110.7 | 120.2 | 133.4 | 143.4 | 151.2 | 145.3 | 131.6 | 120.2 | 111.9 | 108.9 |
| 82.5° | 76.2 | 80.2 | 86.4 | 96.2 | 103.0 | 106.9 | 104.3 | 94.4 | 89.7 | 82.4 | 79.4 |
| 85° | 37.5 | 39.9 | 44.1 | 47.0 | 53.0 | 53.6 | 54.2 | 50.0 | 45.8 | 44.1 | 41.7 |
| 87.5° | 13.6 | 14.4 | 16.2 | 17.9 | 20.1 | 20.8 | 20.6 | 20.8 | 19.1 | 18.9 | 17.1 |
| 90° | 3.7 | 5.3 | 7.0 | 8.6 | 10.0 | 11.2 | 12.4 | 13.6 | 14.8 | 15.7 | 16.6 |
| 92.5° | 8.6 | 8.7 | 8.8 | 8.9 | 9.5 | 10.7 | 11.9 | 13.1 | 14.3 | 15.2 | 16.1 |
| 95° | 31.9 | 26.9 | 21.8 | 16.7 | 14.2 | 14.4 | 14.6 | 14.6 | 14.8 | 15.7 | 16.6 |
| 97.5° | 81.8 | 85.0 | 88.2 | 91.4 | 84.6 | 67.8 | 51.1 | 34.4 | 17.7 | 17.8 | 18.0 |
| 100° | 113.1 | 115.8 | 118.5 | 121.1 | 112.2 | 91.5 | 70.9 | 50.3 | 29.6 | 27.0 | 24.5 |
| 102.5° | 147.9 | 149.9 | 151.9 | 153.9 | 153.5 | 150.8 | 148.1 | 145.4 | 142.8 | 115.3 | 87.8 |
| 105° | 203.5 | 204.4 | 205.3 | 206.2 | 207.1 | 207.8 | 208.5 | 209.3 | 210.0 | 211.4 | 212.8 |
| 107.5° | 255.7 | 256.1 | 256.7 | 257.1 | 257.8 | 258.8 | 259.8 | 260.9 | 261.9 | 262.5 | 263.2 |
| 110° | 291.3 | 291.7 | 292.1 | 292.7 | 293.3 | 294.2 | 295.1 | 296.0 | 296.9 | 297.2 | 297.5 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 326.1 | 326.9 | 327.7 | 328.6 | 329.2 | 329.6 | 329.9 | 330.4 | 330.8 | 330.8 | 330.7 |
| 115° | 378.8 | 379.3 | 379.7 | 380.1 | 380.3 | 380.1 | 380.0 | 379.9 | 379.7 | 380.0 | 380.3 |
| 117.5° | 426.7 | 427.3 | 427.9 | 428.5 | 429.0 | 429.3 | 429.6 | 430.0 | 430.3 | 430.2 | 430.2 |
| 120° | 459.1 | 459.7 | 460.3 | 460.8 | 461.1 | 460.9 | 460.8 | 460.6 | 460.5 | 460.8 | 461.1 |
| 122.5° | 489.0 | 489.3 | 489.7 | 490.1 | 490.3 | 490.5 | 490.8 | 490.9 | 491.2 | 491.4 | 491.5 |
| 125° | 532.4 | 533.0 | 533.6 | 534.3 | 534.3 | 534.1 | 533.8 | 533.5 | 533.2 | 533.6 | 534.1 |
| 127.5° | 572.9 | 573.1 | 573.3 | 573.3 | 573.8 | 574.5 | 575.1 | 575.8 | 576.5 | 576.4 | 576.4 |
| 130° | 599.3 | 599.4 | 599.6 | 599.8 | 600.0 | 600.5 | 601.0 | 601.4 | 601.8 | 602.0 | 602.2 |
| 132.5° | 623.6 | 624.0 | 624.2 | 624.5 | 624.9 | 625.4 | 626.0 | 626.5 | 627.2 | 627.3 | 627.5 |
| 135° | 659.6 | 659.4 | 659.3 | 659.2 | 659.4 | 660.0 | 660.6 | 661.2 | 661.8 | 662.0 | 662.4 |
| 137.5° | 692.0 | 692.1 | 692.1 | 692.2 | 692.5 | 693.2 | 693.9 | 694.5 | 695.2 | 695.5 | 695.8 |
| 140° | 713.3 | 713.5 | 713.9 | 714.1 | 714.5 | 714.7 | 715.1 | 715.3 | 715.6 | 716.1 | 716.5 |
| 142.5° | 732.3 | 732.9 | 733.4 | 733.9 | 734.3 | 734.4 | 734.7 | 734.9 | 735.0 | 735.4 | 735.6 |
| 145° | 761.2 | 761.6 | 762.1 | 762.5 | 762.8 | 762.8 | 762.8 | 762.8 | 762.8 | 762.9 | 763.0 |
| 147.5° | 784.6 | 785.4 | 786.3 | 787.1 | 787.5 | 787.3 | 787.1 | 787.0 | 786.9 | 787.0 | 787.1 |
| 150° | 801.1 | 801.7 | 802.3 | 802.8 | 803.1 | 802.9 | 802.8 | 802.6 | 802.5 | 802.5 | 802.5 |
| 152.5° | 814.9 | 815.4 | 815.9 | 816.4 | 816.5 | 816.2 | 816.0 | 815.6 | 815.4 | 815.6 | 815.9 |
| 155° | 834.2 | 834.4 | 834.6 | 834.7 | 834.6 | 834.1 | 833.6 | 833.2 | 832.8 | 833.4 | 834.0 |
| 157.5° | 850.6 | 850.5 | 850.4 | 850.3 | 850.0 | 849.5 | 849.0 | 848.5 | 848.0 | 848.8 | 849.5 |
| 160° | 859.9 | 859.5 | 859.0 | 858.6 | 858.2 | 858.2 | 858.0 | 857.8 | 857.6 | 858.6 | 859.5 |
| 162.5° | 868.4 | 867.8 | 867.3 | 866.7 | 866.3 | 866.2 | 866.1 | 865.9 | 865.7 | 866.7 | 867.5 |
| 165° | 879.2 | 878.4 | 877.6 | 876.9 | 876.5 | 876.5 | 876.5 | 876.5 | 876.5 | 877.7 | 878.9 |
| 167.5° | 887.7 | 886.9 | 886.1 | 885.4 | 884.9 | 884.8 | 884.8 | 884.7 | 884.6 | 885.9 | 887.3 |
| 170° | 892.4 | 891.6 | 890.6 | 889.8 | 889.4 | 889.5 | 889.7 | 889.8 | 890.0 | 891.1 | 892.3 |
| 172.5° | 895.7 | 894.8 | 893.9 | 893.0 | 892.6 | 892.8 | 892.9 | 893.0 | 893.2 | 894.4 | 895.6 |
| 175° | 899.1 | 898.3 | 897.4 | 896.5 | 896.1 | 896.3 | 896.4 | 896.6 | 896.7 | 898.0 | 899.4 |
| 177.5° | 900.9 | 900.0 | 899.1 | 898.4 | 898.0 | 898.3 | 898.5 | 898.8 | 899.0 | 899.9 | 901.0 |
| 180° | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1514.5 | 1515.4 | 1519.7 | 1523.0 | 1524.0 | 1528.8 | 1529.2 |
| 5° | 1647.5 | 1657.7 | 1677.3 | 1679.1 | 1682.0 | 1697.5 | 1685.7 |
| 7.5° | 1803.5 | 1829.2 | 1846.3 | 1861.5 | 1867.0 | 1873.7 | 1872.3 |
| 10° | 1903.5 | 1941.6 | 1960.7 | 1991.0 | 1992.2 | 1999.9 | 1995.2 |
| 12.5° | 2004.0 | 2048.2 | 2083.0 | 2088.6 | 2114.1 | 2118.0 | 2124.7 |
| 15° | 2146.3 | 2193.4 | 2241.6 | 2258.8 | 2294.0 | 2302.3 | 2315.4 |
| 17.5° | 2280.2 | 2328.2 | 2362.1 | 2406.7 | 2421.1 | 2440.4 | 2427.2 |
| 20° | 2353.5 | 2405.9 | 2448.7 | 2483.8 | 2498.7 | 2509.4 | 2508.3 |
| 22.5° | 2397.8 | 2450.6 | 2485.4 | 2511.9 | 2525.8 | 2530.4 | 2530.1 |
| 25° | 2425.5 | 2455.8 | 2466.6 | 2476.7 | 2461.3 | 2455.8 | 2458.2 |
| 27.5° | 2348.4 | 2340.5 | 2312.6 | 2275.9 | 2237.7 | 2207.5 | 2191.1 |
| 30° | 2242.2 | 2195.7 | 2153.4 | 2079.7 | 2041.6 | 2019.0 | 1998.7 |
| 32.5° | 2091.7 | 2018.1 | 1936.8 | 1869.2 | 1825.9 | 1792.3 | 1787.3 |
| 35° | 1833.8 | 1723.1 | 1623.8 | 1541.0 | 1498.1 | 1461.8 | 1453.5 |
| 37.5° | 1559.1 | 1444.1 | 1354.6 | 1281.8 | 1235.7 | 1210.0 | 1186.1 |
| 40° | 1376.7 | 1277.9 | 1189.8 | 1127.9 | 1092.8 | 1074.4 | 1059.5 |
| 42.5° | 1236.2 | 1146.0 | 1058.4 | 1011.2 | 979.5 | 968.2 | 959.5 |
| 45° | 1042.2 | 958.3 | 897.6 | 861.9 | 843.4 | 824.4 | 815.5 |
| 47.5° | 886.8 | 818.6 | 778.5 | 748.2 | 728.4 | 717.1 | 711.4 |
| 50° | 798.7 | 742.8 | 707.1 | 683.9 | 666.1 | 657.1 | 652.4 |
| 52.5° | 720.7 | 674.8 | 644.7 | 626.3 | 614.2 | 607.6 | 605.7 |
| 55° | 620.8 | 585.7 | 566.6 | 550.6 | 541.7 | 535.7 | 533.3 |
| 57.5° | 539.6 | 512.6 | 497.1 | 483.9 | 480.4 | 475.4 | 473.8 |
| 60° | 486.3 | 465.5 | 452.4 | 443.4 | 440.5 | 434.5 | 435.7 |
| 62.5° | 439.1 | 422.1 | 411.0 | 405.8 | 401.9 | 396.9 | 398.6 |
| 65° | 371.4 | 359.0 | 352.9 | 348.2 | 343.5 | 340.4 | 342.9 |
| 67.5° | 311.7 | 303.1 | 295.0 | 292.2 | 289.9 | 289.4 | 286.9 |
| 70° | 272.6 | 265.4 | 258.3 | 256.6 | 256.6 | 254.2 | 253.6 |
| 72.5° | 235.0 | 229.7 | 225.0 | 223.7 | 221.8 | 222.7 | 220.2 |
| 75° | 181.5 | 177.4 | 175.6 | 173.8 | 173.2 | 173.2 | 171.4 |
| 77.5° | 134.1 | 131.0 | 128.2 | 128.2 | 126.1 | 125.3 | 125.0 |
| 80° | 101.8 | 100.6 | 98.2 | 98.2 | 97.0 | 97.6 | 96.4 |
| 82.5° | 76.5 | 74.9 | 74.4 | 73.4 | 71.8 | 71.9 | 70.7 |
| 85° | 41.1 | 39.3 | 38.7 | 36.9 | 35.7 | 36.9 | 35.7 |
| 87.5° | 17.8 | 17.5 | 17.1 | 16.3 | 15.8 | 15.8 | 14.6 |
| 90° | 17.5 | 18.4 | 19.0 | 19.3 | 19.6 | 19.9 | 20.2 |
| 92.5° | 17.0 | 17.8 | 18.3 | 18.4 | 18.4 | 18.5 | 18.6 |
| 95° | 17.5 | 18.4 | 18.9 | 19.1 | 19.2 | 19.4 | 19.5 |
| 97.5° | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.7 | 18.9 |
| 100° | 22.0 | 19.5 | 18.3 | 18.4 | 18.5 | 18.7 | 18.9 |
| 102.5° | 60.4 | 33.0 | 19.3 | 19.3 | 19.3 | 19.4 | 19.4 |
| 105° | 214.0 | 215.4 | 213.4 | 208.0 | 202.6 | 197.3 | 191.8 |
| 107.5° | 263.8 | 264.5 | 265.1 | 265.7 | 266.2 | 266.8 | 267.4 |
| 110° | 297.8 | 298.1 | 298.4 | 298.9 | 299.4 | 299.8 | 300.2 |



TEST NUMBER: P332643-935

CATALOG NUMBER: SA4XXDIP-C1020D810U935-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 330.6 | 330.5 | 330.8 | 331.4 | 332.0 | 332.5 | 333.1 |
| 115° | 380.6 | 380.9 | 381.1 | 381.1 | 381.1 | 381.1 | 381.1 |
| 117.5° | 430.2 | 430.1 | 430.0 | 430.0 | 429.9 | 429.8 | 429.8 |
| 120° | 461.4 | 461.7 | 461.7 | 461.4 | 461.1 | 460.8 | 460.5 |
| 122.5° | 491.7 | 491.9 | 491.8 | 491.5 | 491.2 | 490.9 | 490.6 |
| 125° | 534.5 | 534.9 | 535.3 | 535.5 | 535.5 | 535.7 | 535.9 |
| 127.5° | 576.3 | 576.2 | 576.1 | 575.9 | 575.8 | 575.8 | 575.6 |
| 130° | 602.3 | 602.4 | 602.5 | 602.5 | 602.5 | 602.5 | 602.5 |
| 132.5° | 627.6 | 627.8 | 627.8 | 627.7 | 627.5 | 627.4 | 627.3 |
| 135° | 662.6 | 663.0 | 663.2 | 663.6 | 663.8 | 664.2 | 664.4 |
| 137.5° | 696.1 | 696.5 | 696.5 | 696.5 | 696.4 | 696.3 | 696.2 |
| 140° | 717.0 | 717.4 | 717.7 | 717.9 | 718.0 | 718.2 | 718.3 |
| 142.5° | 736.0 | 736.3 | 736.5 | 736.5 | 736.6 | 736.6 | 736.6 |
| 145° | 763.2 | 763.4 | 763.5 | 763.9 | 764.1 | 764.5 | 764.7 |
| 147.5° | 787.2 | 787.3 | 787.5 | 787.6 | 787.7 | 787.9 | 788.1 |
| 150° | 802.5 | 802.5 | 802.5 | 802.7 | 802.8 | 803.0 | 803.1 |
| 152.5° | 816.1 | 816.3 | 816.4 | 816.3 | 816.2 | 816.1 | 816.1 |
| 155° | 834.6 | 835.2 | 835.3 | 834.7 | 834.3 | 833.9 | 833.4 |
| 157.5° | 850.3 | 851.1 | 851.1 | 850.3 | 849.5 | 848.8 | 848.0 |
| 160° | 860.4 | 861.3 | 861.3 | 860.4 | 859.5 | 858.6 | 857.6 |
| 162.5° | 868.4 | 869.4 | 869.3 | 868.2 | 867.2 | 866.3 | 865.2 |
| 165° | 880.1 | 881.3 | 881.2 | 879.9 | 878.6 | 877.2 | 875.8 |
| 167.5° | 888.6 | 889.8 | 889.8 | 888.3 | 886.7 | 885.3 | 883.8 |
| 170° | 893.5 | 894.8 | 894.6 | 893.1 | 891.7 | 890.1 | 888.6 |
| 172.5° | 896.8 | 898.0 | 897.8 | 896.2 | 894.6 | 892.9 | 891.3 |
| 175° | 900.8 | 902.1 | 901.9 | 900.1 | 898.3 | 896.5 | 894.7 |
| 177.5° | 901.9 | 902.8 | 902.6 | 901.1 | 899.7 | 898.3 | 896.8 |
| 180° | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 | 900.1 |

(END OF REPORT)