

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: P331747-830

Luminaire Tested: **SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P331747-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 725 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

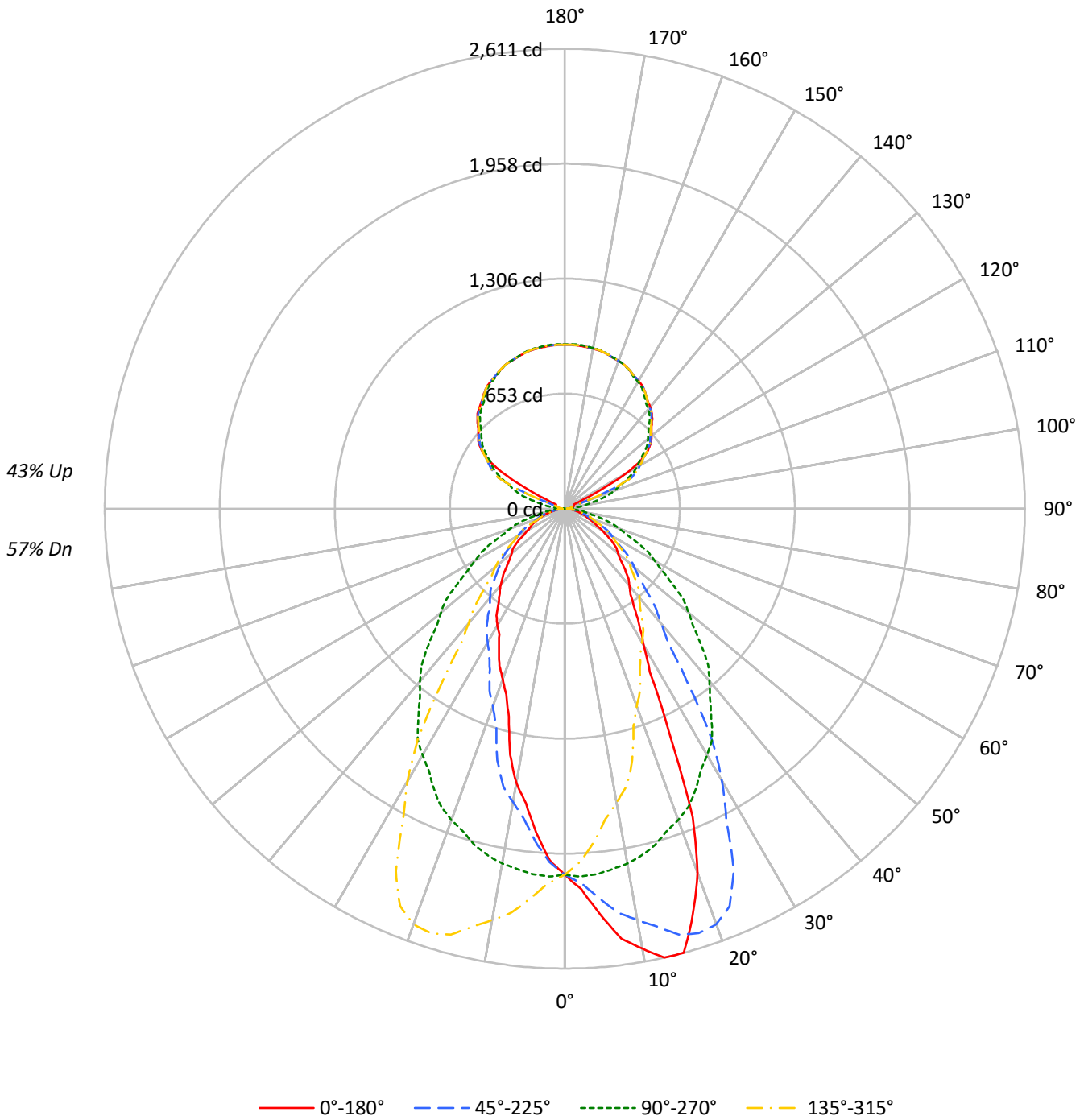
Lumens per Lamp: N/A
Luminaire Lumens: 6325.4 lumens
Efficiency: N/A
Efficacy: 104.2 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 60.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331747-830
CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 109 | 109 | 109 | 109 | 101 | 101 | 101 | 101 | 87 | 87 | 87 | 74 | 74 | 74 | 62 | 62 | 62 | 57 | | | | |
| 1 | 100 | 96 | 93 | 89 | 93 | 90 | 87 | 84 | 78 | 75 | 73 | 67 | 65 | 64 | 56 | 55 | 54 | 50 | | | | |
| 2 | 92 | 85 | 79 | 74 | 86 | 80 | 75 | 70 | 69 | 65 | 62 | 60 | 57 | 55 | 51 | 49 | 47 | 43 | | | | |
| 3 | 85 | 76 | 69 | 63 | 79 | 71 | 65 | 60 | 62 | 57 | 54 | 54 | 50 | 47 | 46 | 43 | 41 | 38 | | | | |
| 4 | 78 | 68 | 60 | 54 | 72 | 64 | 57 | 52 | 56 | 51 | 47 | 49 | 45 | 41 | 42 | 39 | 37 | 33 | | | | |
| 5 | 72 | 61 | 53 | 47 | 67 | 57 | 50 | 45 | 50 | 45 | 41 | 44 | 40 | 37 | 38 | 35 | 33 | 30 | | | | |
| 6 | 67 | 55 | 47 | 42 | 62 | 52 | 45 | 40 | 46 | 40 | 36 | 40 | 36 | 33 | 35 | 32 | 29 | 27 | | | | |
| 7 | 62 | 50 | 43 | 37 | 58 | 47 | 41 | 36 | 42 | 37 | 33 | 37 | 33 | 29 | 32 | 29 | 26 | 24 | | | | |
| 8 | 58 | 46 | 38 | 33 | 54 | 43 | 37 | 32 | 39 | 33 | 29 | 34 | 30 | 27 | 30 | 27 | 24 | 22 | | | | |
| 9 | 54 | 42 | 35 | 30 | 51 | 40 | 33 | 29 | 36 | 30 | 27 | 32 | 27 | 24 | 28 | 25 | 22 | 20 | | | | |
| 10 | 51 | 39 | 32 | 27 | 47 | 37 | 31 | 26 | 33 | 28 | 24 | 30 | 25 | 22 | 26 | 23 | 20 | 18 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 33562 | 33562 | 33562 | 33562 |
| 5° | 37483 | 33773 | 29945 | 33773 |
| 10° | 41589 | 33536 | 25956 | 33536 |
| 15° | 43632 | 33045 | 20451 | 33045 |
| 20° | 37826 | 32316 | 17698 | 32316 |
| 25° | 24807 | 31319 | 15800 | 31319 |
| 30° | 16697 | 30109 | 14300 | 30109 |
| 35° | 13525 | 28586 | 12899 | 28586 |
| 40° | 12026 | 26930 | 11936 | 26930 |
| 45° | 10885 | 24987 | 10654 | 24987 |
| 50° | 9907 | 23059 | 9869 | 23059 |
| 55° | 9312 | 20921 | 9191 | 20921 |
| 60° | 7789 | 18962 | 7698 | 18962 |
| 65° | 6567 | 17219 | 7450 | 17219 |
| 70° | 6071 | 15375 | 7024 | 15375 |
| 75° | 5677 | 13381 | 6488 | 13381 |
| 80° | 5244 | 11018 | 5774 | 11018 |
| 85° | 4817 | 8688 | 5076 | 8688 |



TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 197.1 | 3.1 |
| 10°-20° | 549.1 | 8.7 |
| 20°-30° | 707.5 | 11.2 |
| 30°-40° | 672.4 | 10.6 |
| 40°-50° | 576.0 | 9.1 |
| 50°-60° | 438.6 | 6.9 |
| 60°-70° | 277.3 | 4.4 |
| 70°-80° | 138.5 | 2.2 |
| 80°-90° | 38.3 | 0.6 |
| 90°-100° | 31.1 | 0.5 |
| 100°-110° | 114.0 | 1.8 |
| 110°-120° | 304.7 | 4.8 |
| 120°-130° | 502.9 | 8.0 |
| 130°-140° | 534.9 | 8.5 |
| 140°-150° | 497.1 | 7.9 |
| 150°-160° | 399.7 | 6.3 |
| 160°-170° | 257.6 | 4.1 |
| 170°-180° | 88.7 | 1.4 |
| 0°-30° | 1453.7 | 23.0 |
| 0°-40° | 2126.0 | 33.6 |
| 0°-60° | 3140.7 | 49.7 |
| 0°-90° | 3594.8 | 56.8 |
| 90°-120° | 449.7 | 7.1 |
| 90°-150° | 1984.7 | 31.4 |
| 90°-180° | 2731.0 | 43.2 |
| 0°-180° | 6325.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2079 | 2079 | 2079 | 2079 | 2079 | |
| 5° | 2313 | 2084 | 1848 | 2084 | 2313 | 228 |
| 15° | 2610 | 1977 | 1224 | 1977 | 2610 | 704 |
| 25° | 1392 | 1758 | 887 | 1758 | 1392 | 661 |
| 35° | 686 | 1450 | 654 | 1450 | 686 | 439 |
| 45° | 477 | 1094 | 467 | 1094 | 477 | 369 |
| 55° | 331 | 743 | 326 | 743 | 331 | 290 |
| 65° | 172 | 451 | 195 | 451 | 172 | 175 |
| 75° | 91 | 214 | 104 | 214 | 91 | 97 |
| 85° | 26 | 47 | 27 | 47 | 26 | 28 |
| 90° | 18 | 1 | 18 | 1 | 18 | 9 |
| 95° | 29 | 44 | 29 | 44 | 29 | 27 |
| 105° | 51 | 205 | 51 | 205 | 51 | 53 |
| 115° | 55 | 388 | 55 | 388 | 55 | 138 |
| 125° | 576 | 548 | 576 | 548 | 576 | 499 |
| 135° | 700 | 678 | 700 | 678 | 700 | 540 |
| 145° | 799 | 787 | 799 | 787 | 799 | 500 |
| 155° | 867 | 866 | 867 | 866 | 867 | 400 |
| 165° | 911 | 913 | 911 | 913 | 911 | 257 |
| 175° | 928 | 934 | 928 | 934 | 928 | 88 |
| 180° | 932 | 932 | 932 | 932 | 932 | |



TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 |
| 2.5° | 2163.0 | 2164.8 | 2166.5 | 2162.5 | 2162.5 | 2159.0 | 2151.5 | 2145.7 | 2129.6 | 2127.2 | 2127.2 |
| 5° | 2312.7 | 2311.3 | 2314.1 | 2304.8 | 2291.8 | 2288.9 | 2275.2 | 2257.1 | 2238.4 | 2217.4 | 2213.1 |
| 7.5° | 2461.5 | 2459.4 | 2453.5 | 2452.0 | 2442.0 | 2420.2 | 2398.1 | 2374.5 | 2343.3 | 2312.9 | 2297.5 |
| 10° | 2536.7 | 2560.5 | 2546.0 | 2520.7 | 2525.8 | 2491.9 | 2473.8 | 2442.8 | 2416.8 | 2371.2 | 2361.2 |
| 12.5° | 2610.6 | 2620.0 | 2615.4 | 2601.0 | 2594.5 | 2571.0 | 2546.6 | 2519.6 | 2471.6 | 2430.7 | 2395.2 |
| 15° | 2610.3 | 2624.0 | 2627.6 | 2623.3 | 2627.0 | 2625.5 | 2612.4 | 2590.1 | 2548.2 | 2503.4 | 2464.4 |
| 17.5° | 2417.6 | 2427.1 | 2450.8 | 2466.8 | 2487.1 | 2529.9 | 2550.9 | 2559.2 | 2553.0 | 2527.4 | 2499.9 |
| 20° | 2201.5 | 2185.6 | 2252.0 | 2286.0 | 2314.9 | 2387.1 | 2449.2 | 2473.0 | 2511.3 | 2510.7 | 2503.4 |
| 22.5° | 1895.3 | 1899.0 | 1962.0 | 2002.3 | 2086.7 | 2158.9 | 2229.7 | 2319.4 | 2393.5 | 2442.4 | 2471.1 |
| 25° | 1392.5 | 1420.0 | 1482.8 | 1537.8 | 1631.6 | 1765.9 | 1888.0 | 2029.6 | 2163.2 | 2268.7 | 2369.1 |
| 27.5° | 1045.8 | 1047.9 | 1097.7 | 1148.4 | 1204.2 | 1314.3 | 1467.9 | 1637.0 | 1827.5 | 1984.7 | 2165.5 |
| 30° | 895.6 | 891.3 | 912.2 | 943.3 | 991.0 | 1076.2 | 1191.8 | 1357.9 | 1547.8 | 1784.7 | 1995.6 |
| 32.5° | 789.3 | 789.6 | 805.3 | 828.3 | 867.9 | 925.4 | 1004.6 | 1139.4 | 1319.0 | 1551.9 | 1799.2 |
| 35° | 686.2 | 685.4 | 697.0 | 713.6 | 730.2 | 767.0 | 821.2 | 892.0 | 1015.5 | 1232.9 | 1485.7 |
| 37.5° | 612.2 | 615.4 | 621.0 | 631.4 | 649.8 | 670.2 | 702.8 | 750.3 | 838.3 | 966.9 | 1179.3 |
| 40° | 570.6 | 572.0 | 579.9 | 588.6 | 599.5 | 615.4 | 642.1 | 680.4 | 744.7 | 847.3 | 1002.5 |
| 42.5° | 532.4 | 534.0 | 539.5 | 547.6 | 556.2 | 572.0 | 594.2 | 627.3 | 679.4 | 759.4 | 887.5 |
| 45° | 476.7 | 476.7 | 481.7 | 485.4 | 494.7 | 509.2 | 527.3 | 554.7 | 590.8 | 650.1 | 735.3 |
| 47.5° | 424.4 | 424.5 | 427.9 | 434.1 | 440.0 | 451.3 | 469.0 | 491.4 | 517.7 | 563.5 | 636.3 |
| 50° | 394.4 | 395.1 | 397.3 | 402.3 | 406.0 | 416.0 | 429.8 | 449.2 | 476.7 | 512.1 | 572.8 |
| 52.5° | 370.1 | 369.7 | 372.4 | 374.6 | 377.0 | 384.3 | 394.5 | 411.7 | 436.2 | 467.0 | 517.3 |
| 55° | 330.8 | 327.9 | 332.2 | 335.8 | 338.0 | 340.9 | 346.7 | 357.5 | 378.4 | 404.4 | 442.1 |
| 57.5° | 281.7 | 280.5 | 283.6 | 286.9 | 293.7 | 301.5 | 306.4 | 313.3 | 324.1 | 342.8 | 380.0 |
| 60° | 241.2 | 241.2 | 247.7 | 249.9 | 257.9 | 268.0 | 278.1 | 283.9 | 294.7 | 307.0 | 334.4 |
| 62.5° | 205.4 | 206.0 | 209.1 | 211.2 | 215.7 | 228.1 | 242.2 | 255.0 | 265.2 | 276.9 | 295.1 |
| 65° | 171.9 | 173.3 | 173.3 | 174.7 | 177.7 | 180.6 | 186.3 | 196.4 | 214.5 | 231.1 | 244.9 |
| 67.5° | 145.9 | 146.4 | 146.8 | 148.2 | 148.9 | 152.1 | 154.4 | 158.9 | 163.1 | 178.8 | 195.9 |
| 70° | 128.6 | 130.7 | 130.0 | 131.5 | 132.1 | 133.7 | 136.5 | 138.6 | 145.2 | 148.8 | 158.9 |
| 72.5° | 112.4 | 114.0 | 113.9 | 114.7 | 116.6 | 116.9 | 119.1 | 121.3 | 125.5 | 128.6 | 134.0 |
| 75° | 91.0 | 90.3 | 91.0 | 92.5 | 93.2 | 93.9 | 93.9 | 96.8 | 99.0 | 101.8 | 105.5 |
| 77.5° | 70.2 | 71.0 | 70.8 | 71.0 | 71.1 | 72.4 | 72.2 | 73.5 | 75.7 | 77.1 | 78.9 |
| 80° | 56.4 | 57.0 | 56.4 | 57.0 | 57.8 | 58.5 | 57.8 | 58.5 | 60.7 | 62.1 | 62.1 |
| 82.5° | 43.6 | 43.7 | 44.2 | 44.4 | 44.5 | 44.7 | 45.6 | 45.8 | 47.4 | 47.1 | 47.7 |
| 85° | 26.0 | 25.3 | 25.3 | 25.3 | 26.0 | 26.8 | 26.0 | 26.0 | 26.8 | 26.8 | 26.8 |
| 87.5° | 12.9 | 13.4 | 13.4 | 13.3 | 13.2 | 13.1 | 13.0 | 13.4 | 12.6 | 13.1 | 12.3 |
| 90° | 18.2 | 17.9 | 17.6 | 17.3 | 17.0 | 16.5 | 15.7 | 15.0 | 14.2 | 13.5 | 12.3 |
| 92.5° | 18.2 | 18.0 | 17.8 | 17.6 | 17.5 | 17.2 | 16.8 | 16.4 | 16.0 | 15.6 | 15.1 |
| 95° | 29.0 | 29.1 | 29.3 | 29.4 | 29.6 | 29.3 | 28.6 | 27.8 | 27.1 | 26.3 | 25.3 |
| 97.5° | 38.7 | 38.5 | 38.4 | 38.2 | 38.0 | 37.6 | 36.9 | 36.4 | 35.8 | 35.2 | 32.8 |
| 100° | 45.1 | 44.9 | 44.6 | 44.3 | 44.0 | 43.3 | 42.0 | 40.8 | 39.6 | 38.5 | 35.9 |
| 102.5° | 48.4 | 48.0 | 47.6 | 47.1 | 46.8 | 45.7 | 44.2 | 42.6 | 41.1 | 39.5 | 60.8 |
| 105° | 51.3 | 50.6 | 50.0 | 49.5 | 48.8 | 47.7 | 46.1 | 44.4 | 42.8 | 41.1 | 82.0 |
| 107.5° | 52.7 | 52.1 | 51.6 | 50.9 | 50.3 | 50.9 | 52.5 | 54.2 | 55.9 | 57.6 | 106.6 |
| 110° | 53.3 | 52.7 | 52.0 | 51.5 | 50.9 | 58.1 | 73.0 | 88.0 | 103.0 | 118.0 | 161.3 |



TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 53.8 | 53.3 | 52.9 | 52.4 | 51.8 | 79.0 | 133.7 | 188.3 | 243.0 | 297.6 | 308.3 |
| 115° | 55.3 | 66.1 | 76.8 | 87.7 | 98.4 | 138.6 | 207.9 | 277.3 | 346.7 | 416.0 | 412.3 |
| 117.5° | 225.7 | 261.2 | 296.6 | 332.1 | 367.5 | 393.6 | 410.4 | 427.3 | 444.0 | 460.8 | 458.2 |
| 120° | 411.3 | 431.5 | 451.8 | 471.9 | 492.2 | 501.4 | 499.6 | 497.9 | 496.0 | 494.2 | 491.5 |
| 122.5° | 513.2 | 517.2 | 521.0 | 525.0 | 529.0 | 530.4 | 529.2 | 528.2 | 527.1 | 526.0 | 523.1 |
| 125° | 576.5 | 576.0 | 575.6 | 575.1 | 574.7 | 573.9 | 572.9 | 571.8 | 570.8 | 569.8 | 566.8 |
| 127.5° | 616.4 | 616.3 | 616.2 | 616.1 | 616.0 | 615.2 | 613.7 | 612.2 | 610.7 | 609.1 | 607.0 |
| 130° | 641.2 | 641.3 | 641.5 | 641.7 | 641.8 | 641.0 | 639.4 | 637.7 | 636.1 | 634.4 | 632.8 |
| 132.5° | 665.4 | 665.6 | 665.8 | 665.9 | 666.1 | 665.4 | 664.0 | 662.6 | 661.2 | 659.8 | 658.2 |
| 135° | 700.5 | 700.8 | 701.2 | 701.4 | 701.7 | 701.2 | 699.6 | 698.1 | 696.6 | 695.1 | 693.8 |
| 137.5° | 732.4 | 733.0 | 733.5 | 734.1 | 734.5 | 734.1 | 732.5 | 731.1 | 729.6 | 728.2 | 726.6 |
| 140° | 752.4 | 753.2 | 753.9 | 754.7 | 755.4 | 755.2 | 753.8 | 752.4 | 751.1 | 749.8 | 748.1 |
| 142.5° | 771.8 | 772.6 | 773.4 | 774.1 | 774.9 | 774.6 | 773.4 | 772.1 | 770.9 | 769.7 | 767.8 |
| 145° | 799.0 | 799.7 | 800.5 | 801.3 | 801.9 | 801.8 | 800.8 | 799.7 | 798.7 | 797.6 | 795.0 |
| 147.5° | 822.8 | 823.5 | 824.1 | 824.7 | 825.4 | 825.3 | 824.5 | 823.7 | 822.9 | 822.2 | 819.6 |
| 150° | 837.4 | 838.1 | 838.9 | 839.6 | 840.4 | 840.3 | 839.4 | 838.5 | 837.6 | 836.7 | 834.3 |
| 152.5° | 849.8 | 850.8 | 851.8 | 852.8 | 853.8 | 853.8 | 852.9 | 852.0 | 851.1 | 850.2 | 847.9 |
| 155° | 867.0 | 868.3 | 869.5 | 870.6 | 871.9 | 872.0 | 871.1 | 870.2 | 869.3 | 868.4 | 866.6 |
| 157.5° | 882.9 | 884.0 | 885.1 | 886.4 | 887.5 | 887.6 | 886.6 | 885.5 | 884.6 | 883.5 | 882.2 |
| 160° | 892.0 | 893.1 | 894.1 | 895.1 | 896.2 | 896.3 | 895.4 | 894.5 | 893.6 | 892.7 | 891.7 |
| 162.5° | 899.6 | 900.9 | 902.1 | 903.4 | 904.7 | 904.8 | 903.8 | 902.8 | 901.8 | 900.8 | 900.0 |
| 165° | 910.9 | 911.9 | 912.9 | 914.1 | 915.1 | 915.1 | 914.1 | 912.9 | 911.9 | 910.9 | 910.4 |
| 167.5° | 918.0 | 919.4 | 920.8 | 922.1 | 923.4 | 923.6 | 922.6 | 921.5 | 920.4 | 919.4 | 919.0 |
| 170° | 922.4 | 923.7 | 925.0 | 926.4 | 927.7 | 927.9 | 926.8 | 925.8 | 924.7 | 923.7 | 923.4 |
| 172.5° | 925.6 | 926.9 | 928.3 | 929.6 | 930.9 | 931.1 | 930.1 | 929.1 | 928.0 | 926.9 | 926.6 |
| 175° | 928.4 | 929.9 | 931.4 | 932.9 | 934.4 | 934.6 | 933.6 | 932.6 | 931.5 | 930.5 | 930.1 |
| 177.5° | 930.2 | 931.2 | 932.4 | 933.4 | 934.5 | 934.6 | 933.8 | 932.9 | 932.1 | 931.2 | 931.1 |
| 180° | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 |



TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 |
| 2.5° | 2128.4 | 2123.7 | 2119.8 | 2109.3 | 2104.1 | 2092.5 | 2090.8 | 2090.3 | 2075.3 | 2060.8 | 2056.7 |
| 5° | 2201.5 | 2189.9 | 2172.7 | 2152.4 | 2131.5 | 2109.8 | 2095.4 | 2083.8 | 2054.8 | 2027.4 | 2011.6 |
| 7.5° | 2275.2 | 2250.3 | 2220.4 | 2182.2 | 2150.2 | 2114.4 | 2087.8 | 2064.0 | 2023.0 | 1983.7 | 1957.2 |
| 10° | 2330.1 | 2289.6 | 2249.8 | 2197.2 | 2156.0 | 2115.5 | 2078.0 | 2045.5 | 1999.2 | 1947.3 | 1910.4 |
| 12.5° | 2364.2 | 2319.7 | 2264.9 | 2213.4 | 2160.0 | 2108.7 | 2058.3 | 2016.6 | 1962.3 | 1908.6 | 1864.8 |
| 15° | 2410.3 | 2362.6 | 2296.1 | 2222.4 | 2153.8 | 2086.7 | 2028.9 | 1976.9 | 1906.1 | 1841.8 | 1788.4 |
| 17.5° | 2448.0 | 2382.4 | 2311.0 | 2225.8 | 2146.4 | 2061.0 | 1986.6 | 1920.1 | 1841.4 | 1763.8 | 1700.8 |
| 20° | 2460.0 | 2395.1 | 2312.7 | 2227.5 | 2133.6 | 2033.3 | 1953.0 | 1880.8 | 1796.3 | 1711.8 | 1639.6 |
| 22.5° | 2452.6 | 2402.0 | 2310.5 | 2208.5 | 2112.2 | 2007.2 | 1916.7 | 1832.9 | 1739.1 | 1652.8 | 1569.1 |
| 25° | 2401.6 | 2384.3 | 2297.5 | 2186.3 | 2076.5 | 1954.5 | 1849.7 | 1758.0 | 1651.1 | 1558.7 | 1467.6 |
| 27.5° | 2282.6 | 2320.1 | 2266.3 | 2147.9 | 2025.8 | 1895.0 | 1777.3 | 1672.8 | 1561.9 | 1457.8 | 1367.2 |
| 30° | 2168.3 | 2254.2 | 2231.1 | 2121.3 | 1984.8 | 1856.2 | 1724.1 | 1615.0 | 1496.6 | 1389.7 | 1300.1 |
| 32.5° | 2011.7 | 2153.7 | 2176.2 | 2084.3 | 1943.2 | 1802.0 | 1663.4 | 1554.9 | 1431.3 | 1318.6 | 1231.3 |
| 35° | 1762.4 | 1974.7 | 2072.2 | 2013.7 | 1872.2 | 1719.8 | 1576.7 | 1450.3 | 1326.1 | 1214.8 | 1128.2 |
| 37.5° | 1464.9 | 1754.2 | 1916.7 | 1920.8 | 1790.8 | 1632.4 | 1476.6 | 1351.1 | 1224.0 | 1114.7 | 1021.1 |
| 40° | 1272.0 | 1585.4 | 1797.1 | 1844.0 | 1734.2 | 1563.0 | 1405.5 | 1277.7 | 1153.5 | 1046.6 | 939.0 |
| 42.5° | 1098.6 | 1410.9 | 1671.0 | 1752.7 | 1665.5 | 1495.4 | 1337.4 | 1203.7 | 1083.0 | 981.8 | 871.9 |
| 45° | 888.4 | 1161.4 | 1448.1 | 1594.0 | 1545.7 | 1388.2 | 1221.3 | 1094.3 | 980.8 | 893.4 | 788.0 |
| 47.5° | 749.4 | 941.9 | 1219.4 | 1416.6 | 1415.8 | 1272.1 | 1108.0 | 986.2 | 881.0 | 799.1 | 713.8 |
| 50° | 670.2 | 837.8 | 1072.6 | 1296.5 | 1315.2 | 1194.7 | 1038.6 | 918.0 | 819.8 | 733.9 | 665.2 |
| 52.5° | 599.2 | 737.3 | 948.4 | 1163.0 | 1216.4 | 1112.0 | 960.6 | 849.2 | 753.9 | 674.9 | 616.1 |
| 55° | 506.3 | 613.2 | 773.5 | 974.3 | 1055.3 | 981.6 | 847.3 | 743.2 | 665.9 | 599.5 | 548.9 |
| 57.5° | 428.3 | 508.5 | 637.2 | 798.8 | 893.1 | 846.7 | 735.8 | 651.4 | 585.2 | 525.1 | 485.2 |
| 60° | 379.2 | 444.9 | 554.0 | 689.1 | 793.1 | 760.5 | 665.9 | 587.2 | 530.8 | 478.9 | 441.3 |
| 62.5° | 333.0 | 389.5 | 483.0 | 592.6 | 687.9 | 674.5 | 597.2 | 531.1 | 481.7 | 434.4 | 402.6 |
| 65° | 268.0 | 309.2 | 382.1 | 468.1 | 544.6 | 551.1 | 495.5 | 450.7 | 406.6 | 369.1 | 340.9 |
| 67.5° | 213.4 | 240.3 | 291.6 | 364.0 | 421.4 | 441.9 | 407.9 | 373.7 | 338.7 | 309.7 | 285.3 |
| 70° | 179.8 | 201.5 | 239.0 | 297.6 | 350.3 | 371.9 | 352.5 | 325.7 | 295.4 | 271.5 | 250.6 |
| 72.5° | 145.7 | 166.8 | 194.5 | 237.5 | 282.7 | 306.1 | 299.4 | 280.1 | 255.5 | 235.7 | 215.9 |
| 75° | 109.8 | 116.3 | 135.1 | 164.0 | 199.3 | 219.6 | 224.6 | 214.5 | 195.0 | 179.8 | 168.2 |
| 77.5° | 81.2 | 85.1 | 94.1 | 109.2 | 132.3 | 150.3 | 157.8 | 156.6 | 143.2 | 134.3 | 123.5 |
| 80° | 65.0 | 67.2 | 71.5 | 78.0 | 95.4 | 113.4 | 118.5 | 118.5 | 109.1 | 105.5 | 94.6 |
| 82.5° | 49.4 | 51.0 | 53.6 | 57.2 | 65.3 | 81.1 | 86.7 | 87.8 | 81.9 | 77.1 | 68.6 |
| 85° | 28.2 | 27.4 | 28.9 | 31.1 | 32.5 | 36.9 | 45.5 | 46.9 | 45.5 | 39.7 | 37.5 |
| 87.5° | 12.1 | 12.3 | 12.2 | 11.3 | 11.5 | 11.8 | 14.3 | 16.9 | 14.9 | 13.5 | 12.7 |
| 90° | 11.1 | 9.9 | 8.7 | 7.3 | 5.7 | 4.0 | 2.4 | 0.7 | 2.4 | 4.0 | 5.7 |
| 92.5° | 14.4 | 13.9 | 13.3 | 13.0 | 13.2 | 13.3 | 13.5 | 13.6 | 13.5 | 13.3 | 13.2 |
| 95° | 24.2 | 23.2 | 22.1 | 24.0 | 29.0 | 33.9 | 38.9 | 43.8 | 38.9 | 33.9 | 29.0 |
| 97.5° | 30.3 | 27.9 | 25.4 | 31.2 | 45.1 | 59.1 | 73.0 | 87.0 | 73.0 | 59.1 | 45.1 |
| 100° | 33.4 | 30.8 | 28.3 | 37.2 | 57.8 | 78.3 | 98.8 | 119.3 | 98.8 | 78.3 | 57.8 |
| 102.5° | 82.1 | 103.4 | 124.7 | 137.5 | 141.9 | 146.3 | 150.6 | 155.0 | 150.6 | 146.3 | 141.9 |
| 105° | 122.9 | 163.8 | 204.7 | 222.9 | 218.5 | 214.0 | 209.4 | 205.0 | 209.4 | 214.0 | 218.5 |
| 107.5° | 155.7 | 204.7 | 253.8 | 276.5 | 272.9 | 269.3 | 265.6 | 262.0 | 265.6 | 269.3 | 272.9 |
| 110° | 204.6 | 247.9 | 291.2 | 311.2 | 308.1 | 305.0 | 301.8 | 298.7 | 301.8 | 305.0 | 308.1 |



TEST NUMBER: P331747-830
 CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 319.0 | 329.7 | 340.4 | 344.3 | 341.6 | 338.7 | 336.0 | 333.2 | 336.0 | 338.7 | 341.6 |
| 115° | 408.5 | 404.7 | 401.1 | 397.8 | 395.3 | 392.8 | 390.2 | 387.7 | 390.2 | 392.8 | 395.3 |
| 117.5° | 455.6 | 453.1 | 450.4 | 447.7 | 444.9 | 442.1 | 439.2 | 436.4 | 439.2 | 442.1 | 444.9 |
| 120° | 488.8 | 486.2 | 483.4 | 481.0 | 478.7 | 476.5 | 474.2 | 471.9 | 474.2 | 476.5 | 478.7 |
| 122.5° | 520.2 | 517.3 | 514.3 | 511.6 | 509.3 | 506.9 | 504.5 | 502.2 | 504.5 | 506.9 | 509.3 |
| 125° | 564.0 | 561.2 | 558.4 | 555.9 | 554.0 | 552.0 | 550.1 | 548.2 | 550.1 | 552.0 | 554.0 |
| 127.5° | 604.8 | 602.8 | 600.6 | 598.4 | 596.3 | 594.2 | 592.0 | 589.8 | 592.0 | 594.2 | 596.3 |
| 130° | 631.1 | 629.5 | 627.8 | 625.8 | 623.4 | 621.0 | 618.7 | 616.2 | 618.7 | 621.0 | 623.4 |
| 132.5° | 656.5 | 654.9 | 653.2 | 651.4 | 649.3 | 647.3 | 645.3 | 643.2 | 645.3 | 647.3 | 649.3 |
| 135° | 692.4 | 691.1 | 689.8 | 687.9 | 685.5 | 683.1 | 680.7 | 678.3 | 680.7 | 683.1 | 685.5 |
| 137.5° | 725.1 | 723.6 | 722.1 | 720.5 | 718.8 | 717.1 | 715.4 | 713.8 | 715.4 | 717.1 | 718.8 |
| 140° | 746.5 | 744.8 | 743.2 | 741.7 | 740.6 | 739.3 | 738.1 | 737.0 | 738.1 | 739.3 | 740.6 |
| 142.5° | 765.9 | 764.0 | 762.1 | 760.6 | 759.6 | 758.6 | 757.4 | 756.4 | 757.4 | 758.6 | 759.6 |
| 145° | 792.5 | 789.9 | 787.4 | 786.3 | 786.4 | 786.6 | 786.6 | 786.8 | 786.6 | 786.6 | 786.4 |
| 147.5° | 817.1 | 814.6 | 812.1 | 811.2 | 811.7 | 812.3 | 812.8 | 813.4 | 812.8 | 812.3 | 811.7 |
| 150° | 831.9 | 829.5 | 827.2 | 826.4 | 827.6 | 828.6 | 829.6 | 830.7 | 829.6 | 828.6 | 827.6 |
| 152.5° | 845.6 | 843.4 | 841.1 | 840.6 | 841.7 | 842.9 | 844.0 | 845.2 | 844.0 | 842.9 | 841.7 |
| 155° | 864.8 | 863.0 | 861.2 | 861.0 | 862.3 | 863.7 | 865.1 | 866.4 | 865.1 | 863.7 | 862.3 |
| 157.5° | 881.0 | 879.8 | 878.4 | 878.4 | 879.6 | 880.7 | 881.8 | 883.0 | 881.8 | 880.7 | 879.6 |
| 160° | 890.9 | 889.9 | 889.1 | 889.1 | 889.9 | 890.9 | 891.7 | 892.7 | 891.7 | 890.9 | 889.9 |
| 162.5° | 899.2 | 898.4 | 897.7 | 897.7 | 898.6 | 899.6 | 900.4 | 901.4 | 900.4 | 899.6 | 898.6 |
| 165° | 910.0 | 909.6 | 909.1 | 909.3 | 910.2 | 911.2 | 912.0 | 912.9 | 912.0 | 911.2 | 910.2 |
| 167.5° | 918.5 | 918.1 | 917.7 | 917.9 | 918.9 | 919.7 | 920.7 | 921.5 | 920.7 | 919.7 | 918.9 |
| 170° | 923.1 | 922.8 | 922.5 | 922.8 | 923.7 | 924.6 | 925.5 | 926.4 | 925.5 | 924.6 | 923.7 |
| 172.5° | 926.3 | 926.0 | 925.8 | 926.0 | 926.9 | 927.8 | 928.7 | 929.6 | 928.7 | 927.8 | 926.9 |
| 175° | 929.8 | 929.5 | 929.3 | 929.6 | 930.7 | 931.7 | 932.7 | 933.8 | 932.7 | 931.7 | 930.7 |
| 177.5° | 931.0 | 930.9 | 930.8 | 931.1 | 932.0 | 932.8 | 933.7 | 934.5 | 933.7 | 932.8 | 932.0 |
| 180° | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 |



TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 |
| 2.5° | 2049.3 | 2045.2 | 2037.7 | 2026.1 | 2019.2 | 2007.1 | 1998.9 | 2003.6 | 2004.8 | 2003.6 | 2002.4 |
| 5° | 1994.2 | 1979.1 | 1958.1 | 1937.9 | 1919.1 | 1898.8 | 1887.3 | 1882.3 | 1872.2 | 1866.3 | 1863.5 |
| 7.5° | 1927.6 | 1901.5 | 1871.9 | 1836.6 | 1806.7 | 1775.4 | 1759.3 | 1751.3 | 1730.7 | 1719.5 | 1709.6 |
| 10° | 1877.9 | 1836.7 | 1807.1 | 1761.0 | 1732.8 | 1691.6 | 1663.4 | 1664.2 | 1636.0 | 1620.0 | 1608.5 |
| 12.5° | 1823.1 | 1777.8 | 1728.5 | 1687.0 | 1647.8 | 1614.8 | 1580.7 | 1567.1 | 1537.2 | 1521.8 | 1490.6 |
| 15° | 1732.0 | 1679.3 | 1627.3 | 1570.9 | 1531.3 | 1480.0 | 1430.9 | 1370.9 | 1322.5 | 1280.6 | 1269.0 |
| 17.5° | 1632.7 | 1567.4 | 1515.2 | 1449.1 | 1381.0 | 1294.8 | 1237.8 | 1203.1 | 1173.8 | 1151.8 | 1135.3 |
| 20° | 1564.4 | 1498.0 | 1442.4 | 1342.7 | 1250.9 | 1192.5 | 1150.6 | 1123.9 | 1093.5 | 1069.7 | 1056.7 |
| 22.5° | 1492.8 | 1423.4 | 1347.6 | 1236.4 | 1164.9 | 1117.9 | 1080.6 | 1049.9 | 1029.4 | 1010.8 | 998.9 |
| 25° | 1391.1 | 1315.2 | 1190.3 | 1113.7 | 1055.9 | 1006.8 | 980.8 | 962.1 | 940.4 | 915.1 | 903.6 |
| 27.5° | 1283.6 | 1163.0 | 1073.3 | 1016.3 | 961.2 | 929.3 | 905.9 | 877.9 | 858.5 | 847.1 | 835.1 |
| 30° | 1203.3 | 1082.7 | 1012.7 | 950.6 | 911.5 | 876.1 | 848.7 | 832.8 | 814.0 | 794.5 | 786.6 |
| 32.5° | 1113.7 | 1017.4 | 950.3 | 898.5 | 858.9 | 828.8 | 807.1 | 781.4 | 767.8 | 755.8 | 739.1 |
| 35° | 1002.5 | 929.5 | 868.2 | 826.3 | 788.7 | 764.2 | 738.9 | 723.7 | 699.2 | 689.1 | 682.6 |
| 37.5° | 908.3 | 845.1 | 799.3 | 755.1 | 725.3 | 698.1 | 682.7 | 658.6 | 647.9 | 633.9 | 620.2 |
| 40° | 855.2 | 793.1 | 749.0 | 712.8 | 679.7 | 659.4 | 639.9 | 620.5 | 604.5 | 598.0 | 581.5 |
| 42.5° | 800.9 | 750.3 | 706.2 | 666.7 | 644.4 | 623.0 | 598.3 | 584.0 | 567.6 | 557.0 | 546.8 |
| 45° | 725.9 | 681.1 | 643.6 | 611.1 | 586.4 | 564.1 | 548.2 | 524.3 | 515.0 | 494.1 | 485.4 |
| 47.5° | 660.1 | 618.4 | 582.6 | 551.7 | 527.7 | 513.1 | 489.8 | 471.2 | 456.2 | 443.4 | 432.3 |
| 50° | 613.2 | 578.5 | 543.8 | 516.4 | 494.7 | 473.8 | 450.0 | 440.5 | 417.5 | 410.9 | 404.4 |
| 52.5° | 570.4 | 537.5 | 505.8 | 478.9 | 457.2 | 436.9 | 415.8 | 403.6 | 388.0 | 381.5 | 376.7 |
| 55° | 510.7 | 478.9 | 448.6 | 424.7 | 403.0 | 382.1 | 369.1 | 353.9 | 346.7 | 341.7 | 335.8 |
| 57.5° | 450.5 | 422.0 | 398.7 | 374.6 | 352.8 | 336.1 | 321.1 | 312.0 | 304.5 | 297.8 | 291.0 |
| 60° | 412.5 | 384.9 | 364.0 | 341.7 | 319.2 | 305.5 | 294.0 | 283.1 | 274.5 | 264.4 | 261.5 |
| 62.5° | 371.9 | 348.0 | 328.8 | 307.0 | 287.5 | 274.9 | 263.9 | 253.6 | 243.3 | 228.6 | 224.5 |
| 65° | 316.3 | 297.6 | 277.4 | 259.3 | 242.0 | 229.7 | 213.8 | 202.3 | 197.9 | 196.4 | 195.8 |
| 67.5° | 266.1 | 248.4 | 231.0 | 212.4 | 196.7 | 185.3 | 177.3 | 175.5 | 172.5 | 171.6 | 169.6 |
| 70° | 232.6 | 215.9 | 198.6 | 181.3 | 166.2 | 164.0 | 161.1 | 158.2 | 154.6 | 153.2 | 151.7 |
| 72.5° | 202.6 | 185.3 | 168.0 | 154.1 | 147.6 | 144.9 | 142.0 | 139.1 | 136.7 | 135.3 | 134.3 |
| 75° | 155.3 | 139.4 | 127.8 | 122.8 | 119.1 | 117.0 | 112.6 | 110.5 | 109.1 | 106.9 | 106.1 |
| 77.5° | 111.8 | 102.8 | 97.6 | 94.3 | 90.6 | 88.2 | 85.8 | 83.6 | 82.1 | 81.6 | 80.5 |
| 80° | 85.2 | 80.9 | 77.3 | 73.0 | 71.5 | 68.6 | 67.9 | 65.7 | 66.4 | 64.3 | 64.3 |
| 82.5° | 66.2 | 60.7 | 57.7 | 55.6 | 54.2 | 51.8 | 51.2 | 50.1 | 50.2 | 48.6 | 48.6 |
| 85° | 33.9 | 32.5 | 31.1 | 29.6 | 29.6 | 27.4 | 28.2 | 27.4 | 27.4 | 26.0 | 25.3 |
| 87.5° | 12.4 | 12.2 | 11.2 | 11.5 | 11.7 | 11.4 | 11.5 | 11.1 | 11.2 | 11.4 | 10.9 |
| 90° | 7.3 | 8.7 | 9.9 | 11.1 | 12.3 | 13.5 | 14.2 | 15.0 | 15.7 | 16.5 | 17.0 |
| 92.5° | 13.0 | 13.3 | 13.9 | 14.4 | 15.1 | 15.6 | 16.0 | 16.4 | 16.8 | 17.2 | 17.5 |
| 95° | 24.0 | 22.1 | 23.2 | 24.2 | 25.3 | 26.3 | 27.1 | 27.8 | 28.6 | 29.3 | 29.6 |
| 97.5° | 31.2 | 25.4 | 27.9 | 30.3 | 32.8 | 35.2 | 35.8 | 36.4 | 36.9 | 37.6 | 38.0 |
| 100° | 37.2 | 28.3 | 30.8 | 33.4 | 35.9 | 38.5 | 39.6 | 40.8 | 42.0 | 43.3 | 44.0 |
| 102.5° | 137.5 | 124.7 | 103.4 | 82.1 | 60.8 | 39.5 | 41.1 | 42.6 | 44.2 | 45.7 | 46.8 |
| 105° | 222.9 | 204.7 | 163.8 | 122.9 | 82.0 | 41.1 | 42.8 | 44.4 | 46.1 | 47.7 | 48.8 |
| 107.5° | 276.5 | 253.8 | 204.7 | 155.7 | 106.6 | 57.6 | 55.9 | 54.2 | 52.5 | 50.9 | 50.3 |
| 110° | 311.2 | 291.2 | 247.9 | 204.6 | 161.3 | 118.0 | 103.0 | 88.0 | 73.0 | 58.1 | 50.9 |



TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 344.3 | 340.4 | 329.7 | 319.0 | 308.3 | 297.6 | 243.0 | 188.3 | 133.7 | 79.0 | 51.8 |
| 115° | 397.8 | 401.1 | 404.7 | 408.5 | 412.3 | 416.0 | 346.7 | 277.3 | 207.9 | 138.6 | 98.4 |
| 117.5° | 447.7 | 450.4 | 453.1 | 455.6 | 458.2 | 460.8 | 444.0 | 427.3 | 410.4 | 393.6 | 367.5 |
| 120° | 481.0 | 483.4 | 486.2 | 488.8 | 491.5 | 494.2 | 496.0 | 497.9 | 499.6 | 501.4 | 492.2 |
| 122.5° | 511.6 | 514.3 | 517.3 | 520.2 | 523.1 | 526.0 | 527.1 | 528.2 | 529.2 | 530.4 | 529.0 |
| 125° | 555.9 | 558.4 | 561.2 | 564.0 | 566.8 | 569.8 | 570.8 | 571.8 | 572.9 | 573.9 | 574.7 |
| 127.5° | 598.4 | 600.6 | 602.8 | 604.8 | 607.0 | 609.1 | 610.7 | 612.2 | 613.7 | 615.2 | 616.0 |
| 130° | 625.8 | 627.8 | 629.5 | 631.1 | 632.8 | 634.4 | 636.1 | 637.7 | 639.4 | 641.0 | 641.8 |
| 132.5° | 651.4 | 653.2 | 654.9 | 656.5 | 658.2 | 659.8 | 661.2 | 662.6 | 664.0 | 665.4 | 666.1 |
| 135° | 687.9 | 689.8 | 691.1 | 692.4 | 693.8 | 695.1 | 696.6 | 698.1 | 699.6 | 701.2 | 701.7 |
| 137.5° | 720.5 | 722.1 | 723.6 | 725.1 | 726.6 | 728.2 | 729.6 | 731.1 | 732.5 | 734.1 | 734.5 |
| 140° | 741.7 | 743.2 | 744.8 | 746.5 | 748.1 | 749.8 | 751.1 | 752.4 | 753.8 | 755.2 | 755.4 |
| 142.5° | 760.6 | 762.1 | 764.0 | 765.9 | 767.8 | 769.7 | 770.9 | 772.1 | 773.4 | 774.6 | 774.9 |
| 145° | 786.3 | 787.4 | 789.9 | 792.5 | 795.0 | 797.6 | 798.7 | 799.7 | 800.8 | 801.8 | 801.9 |
| 147.5° | 811.2 | 812.1 | 814.6 | 817.1 | 819.6 | 822.2 | 822.9 | 823.7 | 824.5 | 825.3 | 825.4 |
| 150° | 826.4 | 827.2 | 829.5 | 831.9 | 834.3 | 836.7 | 837.6 | 838.5 | 839.4 | 840.3 | 840.4 |
| 152.5° | 840.6 | 841.1 | 843.4 | 845.6 | 847.9 | 850.2 | 851.1 | 852.0 | 852.9 | 853.8 | 853.8 |
| 155° | 861.0 | 861.2 | 863.0 | 864.8 | 866.6 | 868.4 | 869.3 | 870.2 | 871.1 | 872.0 | 871.9 |
| 157.5° | 878.4 | 878.4 | 879.8 | 881.0 | 882.2 | 883.5 | 884.6 | 885.5 | 886.6 | 887.6 | 887.5 |
| 160° | 889.1 | 889.1 | 889.9 | 890.9 | 891.7 | 892.7 | 893.6 | 894.5 | 895.4 | 896.3 | 896.2 |
| 162.5° | 897.7 | 897.7 | 898.4 | 899.2 | 900.0 | 900.8 | 901.8 | 902.8 | 903.8 | 904.8 | 904.7 |
| 165° | 909.3 | 909.1 | 909.6 | 910.0 | 910.4 | 910.9 | 911.9 | 912.9 | 914.1 | 915.1 | 915.1 |
| 167.5° | 917.9 | 917.7 | 918.1 | 918.5 | 919.0 | 919.4 | 920.4 | 921.5 | 922.6 | 923.6 | 923.4 |
| 170° | 922.8 | 922.5 | 922.8 | 923.1 | 923.4 | 923.7 | 924.7 | 925.8 | 926.8 | 927.9 | 927.7 |
| 172.5° | 926.0 | 925.8 | 926.0 | 926.3 | 926.6 | 926.9 | 928.0 | 929.1 | 930.1 | 931.1 | 930.9 |
| 175° | 929.6 | 929.3 | 929.5 | 929.8 | 930.1 | 930.5 | 931.5 | 932.6 | 933.6 | 934.6 | 934.4 |
| 177.5° | 931.1 | 930.8 | 930.9 | 931.0 | 931.1 | 931.2 | 932.1 | 932.9 | 933.8 | 934.6 | 934.5 |
| 180° | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 |



TEST NUMBER: P331747-830
 CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 |
| 2.5° | 1996.1 | 1997.2 | 1995.6 | 1996.7 | 1995.6 | 1997.2 | 1996.1 | 2002.4 | 2003.6 | 2004.8 | 2003.6 |
| 5° | 1859.8 | 1851.2 | 1849.7 | 1847.6 | 1849.7 | 1851.2 | 1859.8 | 1863.5 | 1866.3 | 1872.2 | 1882.3 |
| 7.5° | 1697.2 | 1695.9 | 1692.3 | 1687.2 | 1692.3 | 1695.9 | 1697.2 | 1709.6 | 1719.5 | 1730.7 | 1751.3 |
| 10° | 1592.6 | 1589.0 | 1588.3 | 1583.2 | 1588.3 | 1589.0 | 1592.6 | 1608.5 | 1620.0 | 1636.0 | 1664.2 |
| 12.5° | 1470.1 | 1446.9 | 1444.4 | 1431.8 | 1444.4 | 1446.9 | 1470.1 | 1490.6 | 1521.8 | 1537.2 | 1567.1 |
| 15° | 1251.7 | 1247.4 | 1232.9 | 1223.5 | 1232.9 | 1247.4 | 1251.7 | 1269.0 | 1280.6 | 1322.5 | 1370.9 |
| 17.5° | 1126.9 | 1112.8 | 1108.2 | 1106.3 | 1108.2 | 1112.8 | 1126.9 | 1135.3 | 1151.8 | 1173.8 | 1203.1 |
| 20° | 1046.6 | 1033.6 | 1031.4 | 1030.0 | 1031.4 | 1033.6 | 1046.6 | 1056.7 | 1069.7 | 1093.5 | 1123.9 |
| 22.5° | 991.1 | 977.5 | 971.9 | 967.5 | 971.9 | 977.5 | 991.1 | 998.9 | 1010.8 | 1029.4 | 1049.9 |
| 25° | 896.4 | 891.3 | 888.4 | 886.9 | 888.4 | 891.3 | 896.4 | 903.6 | 915.1 | 940.4 | 962.1 |
| 27.5° | 822.3 | 811.2 | 809.0 | 805.2 | 809.0 | 811.2 | 822.3 | 835.1 | 847.1 | 858.5 | 877.9 |
| 30° | 780.0 | 776.5 | 771.4 | 767.0 | 771.4 | 776.5 | 780.0 | 786.6 | 794.5 | 814.0 | 832.8 |
| 32.5° | 730.4 | 727.4 | 722.8 | 720.9 | 722.8 | 727.4 | 730.4 | 739.1 | 755.8 | 767.8 | 781.4 |
| 35° | 675.3 | 665.2 | 660.9 | 654.4 | 660.9 | 665.2 | 675.3 | 682.6 | 689.1 | 699.2 | 723.7 |
| 37.5° | 617.1 | 611.8 | 605.7 | 607.8 | 605.7 | 611.8 | 617.1 | 620.2 | 633.9 | 647.9 | 658.6 |
| 40° | 572.0 | 568.4 | 567.0 | 566.3 | 567.0 | 568.4 | 572.0 | 581.5 | 598.0 | 604.5 | 620.5 |
| 42.5° | 536.2 | 526.2 | 522.5 | 522.4 | 522.5 | 526.2 | 536.2 | 546.8 | 557.0 | 567.6 | 584.0 |
| 45° | 481.7 | 472.4 | 465.9 | 466.6 | 465.9 | 472.4 | 481.7 | 485.4 | 494.1 | 515.0 | 524.3 |
| 47.5° | 426.0 | 425.7 | 421.7 | 422.9 | 421.7 | 425.7 | 426.0 | 432.3 | 443.4 | 456.2 | 471.2 |
| 50° | 399.4 | 395.1 | 392.2 | 392.9 | 392.2 | 395.1 | 399.4 | 404.4 | 410.9 | 417.5 | 440.5 |
| 52.5° | 374.0 | 370.2 | 368.0 | 371.0 | 368.0 | 370.2 | 374.0 | 376.7 | 381.5 | 388.0 | 403.6 |
| 55° | 332.2 | 327.9 | 327.2 | 326.5 | 327.2 | 327.9 | 332.2 | 335.8 | 341.7 | 346.7 | 353.9 |
| 57.5° | 285.6 | 282.7 | 278.3 | 276.4 | 278.3 | 282.7 | 285.6 | 291.0 | 297.8 | 304.5 | 312.0 |
| 60° | 252.0 | 246.3 | 239.0 | 238.4 | 239.0 | 246.3 | 252.0 | 261.5 | 264.4 | 274.5 | 283.1 |
| 62.5° | 221.4 | 220.3 | 218.9 | 218.7 | 218.9 | 220.3 | 221.4 | 224.5 | 228.6 | 243.3 | 253.6 |
| 65° | 194.3 | 193.6 | 194.3 | 195.0 | 194.3 | 193.6 | 194.3 | 195.8 | 196.4 | 197.9 | 202.3 |
| 67.5° | 169.3 | 168.0 | 166.7 | 167.3 | 166.7 | 168.0 | 169.3 | 169.6 | 171.6 | 172.5 | 175.5 |
| 70° | 150.2 | 149.5 | 148.8 | 148.8 | 148.8 | 149.5 | 150.2 | 151.7 | 153.2 | 154.6 | 158.2 |
| 72.5° | 131.8 | 131.6 | 130.9 | 130.3 | 130.9 | 131.6 | 131.8 | 134.3 | 135.3 | 136.7 | 139.1 |
| 75° | 105.5 | 104.0 | 104.0 | 104.0 | 104.0 | 104.0 | 105.5 | 106.1 | 106.9 | 109.1 | 110.5 |
| 77.5° | 80.3 | 79.6 | 78.9 | 78.3 | 78.9 | 79.6 | 80.3 | 80.5 | 81.6 | 82.1 | 83.6 |
| 80° | 63.5 | 62.9 | 62.1 | 62.1 | 62.1 | 62.9 | 63.5 | 64.3 | 64.3 | 66.4 | 65.7 |
| 82.5° | 48.5 | 47.8 | 47.7 | 47.1 | 47.7 | 47.8 | 48.5 | 48.6 | 48.6 | 50.2 | 50.1 |
| 85° | 26.0 | 26.8 | 26.0 | 27.4 | 26.0 | 26.8 | 26.0 | 25.3 | 26.0 | 27.4 | 27.4 |
| 87.5° | 10.9 | 10.5 | 11.1 | 10.6 | 11.1 | 10.5 | 10.9 | 10.9 | 11.4 | 11.2 | 11.1 |
| 90° | 17.3 | 17.6 | 17.9 | 18.2 | 17.9 | 17.6 | 17.3 | 17.0 | 16.5 | 15.7 | 15.0 |
| 92.5° | 17.6 | 17.8 | 18.0 | 18.2 | 18.0 | 17.8 | 17.6 | 17.5 | 17.2 | 16.8 | 16.4 |
| 95° | 29.4 | 29.3 | 29.1 | 29.0 | 29.1 | 29.3 | 29.4 | 29.6 | 29.3 | 28.6 | 27.8 |
| 97.5° | 38.2 | 38.4 | 38.5 | 38.7 | 38.5 | 38.4 | 38.2 | 38.0 | 37.6 | 36.9 | 36.4 |
| 100° | 44.3 | 44.6 | 44.9 | 45.1 | 44.9 | 44.6 | 44.3 | 44.0 | 43.3 | 42.0 | 40.8 |
| 102.5° | 47.1 | 47.6 | 48.0 | 48.4 | 48.0 | 47.6 | 47.1 | 46.8 | 45.7 | 44.2 | 42.6 |
| 105° | 49.5 | 50.0 | 50.6 | 51.3 | 50.6 | 50.0 | 49.5 | 48.8 | 47.7 | 46.1 | 44.4 |
| 107.5° | 50.9 | 51.6 | 52.1 | 52.7 | 52.1 | 51.6 | 50.9 | 50.3 | 50.9 | 52.5 | 54.2 |
| 110° | 51.5 | 52.0 | 52.7 | 53.3 | 52.7 | 52.0 | 51.5 | 50.9 | 58.1 | 73.0 | 88.0 |



TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 52.4 | 52.9 | 53.3 | 53.8 | 53.3 | 52.9 | 52.4 | 51.8 | 79.0 | 133.7 | 188.3 |
| 115° | 87.7 | 76.8 | 66.1 | 55.3 | 66.1 | 76.8 | 87.7 | 98.4 | 138.6 | 207.9 | 277.3 |
| 117.5° | 332.1 | 296.6 | 261.2 | 225.7 | 261.2 | 296.6 | 332.1 | 367.5 | 393.6 | 410.4 | 427.3 |
| 120° | 471.9 | 451.8 | 431.5 | 411.3 | 431.5 | 451.8 | 471.9 | 492.2 | 501.4 | 499.6 | 497.9 |
| 122.5° | 525.0 | 521.0 | 517.2 | 513.2 | 517.2 | 521.0 | 525.0 | 529.0 | 530.4 | 529.2 | 528.2 |
| 125° | 575.1 | 575.6 | 576.0 | 576.5 | 576.0 | 575.6 | 575.1 | 574.7 | 573.9 | 572.9 | 571.8 |
| 127.5° | 616.1 | 616.2 | 616.3 | 616.4 | 616.3 | 616.2 | 616.1 | 616.0 | 615.2 | 613.7 | 612.2 |
| 130° | 641.7 | 641.5 | 641.3 | 641.2 | 641.3 | 641.5 | 641.7 | 641.8 | 641.0 | 639.4 | 637.7 |
| 132.5° | 665.9 | 665.8 | 665.6 | 665.4 | 665.6 | 665.8 | 665.9 | 666.1 | 665.4 | 664.0 | 662.6 |
| 135° | 701.4 | 701.2 | 700.8 | 700.5 | 700.8 | 701.2 | 701.4 | 701.7 | 701.2 | 699.6 | 698.1 |
| 137.5° | 734.1 | 733.5 | 733.0 | 732.4 | 733.0 | 733.5 | 734.1 | 734.5 | 734.1 | 732.5 | 731.1 |
| 140° | 754.7 | 753.9 | 753.2 | 752.4 | 753.2 | 753.9 | 754.7 | 755.4 | 755.2 | 753.8 | 752.4 |
| 142.5° | 774.1 | 773.4 | 772.6 | 771.8 | 772.6 | 773.4 | 774.1 | 774.9 | 774.6 | 773.4 | 772.1 |
| 145° | 801.3 | 800.5 | 799.7 | 799.0 | 799.7 | 800.5 | 801.3 | 801.9 | 801.8 | 800.8 | 799.7 |
| 147.5° | 824.7 | 824.1 | 823.5 | 822.8 | 823.5 | 824.1 | 824.7 | 825.4 | 825.3 | 824.5 | 823.7 |
| 150° | 839.6 | 838.9 | 838.1 | 837.4 | 838.1 | 838.9 | 839.6 | 840.4 | 840.3 | 839.4 | 838.5 |
| 152.5° | 852.8 | 851.8 | 850.8 | 849.8 | 850.8 | 851.8 | 852.8 | 853.8 | 853.8 | 852.9 | 852.0 |
| 155° | 870.6 | 869.5 | 868.3 | 867.0 | 868.3 | 869.5 | 870.6 | 871.9 | 872.0 | 871.1 | 870.2 |
| 157.5° | 886.4 | 885.1 | 884.0 | 882.9 | 884.0 | 885.1 | 886.4 | 887.5 | 887.6 | 886.6 | 885.5 |
| 160° | 895.1 | 894.1 | 893.1 | 892.0 | 893.1 | 894.1 | 895.1 | 896.2 | 896.3 | 895.4 | 894.5 |
| 162.5° | 903.4 | 902.1 | 900.9 | 899.6 | 900.9 | 902.1 | 903.4 | 904.7 | 904.8 | 903.8 | 902.8 |
| 165° | 914.1 | 912.9 | 911.9 | 910.9 | 911.9 | 912.9 | 914.1 | 915.1 | 915.1 | 914.1 | 912.9 |
| 167.5° | 922.1 | 920.8 | 919.4 | 918.0 | 919.4 | 920.8 | 922.1 | 923.4 | 923.6 | 922.6 | 921.5 |
| 170° | 926.4 | 925.0 | 923.7 | 922.4 | 923.7 | 925.0 | 926.4 | 927.7 | 927.9 | 926.8 | 925.8 |
| 172.5° | 929.6 | 928.3 | 926.9 | 925.6 | 926.9 | 928.3 | 929.6 | 930.9 | 931.1 | 930.1 | 929.1 |
| 175° | 932.9 | 931.4 | 929.9 | 928.4 | 929.9 | 931.4 | 932.9 | 934.4 | 934.6 | 933.6 | 932.6 |
| 177.5° | 933.4 | 932.4 | 931.2 | 930.2 | 931.2 | 932.4 | 933.4 | 934.5 | 934.6 | 933.8 | 932.9 |
| 180° | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 |



TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 |
| 2.5° | 1998.9 | 2007.1 | 2019.2 | 2026.1 | 2037.7 | 2045.2 | 2049.3 | 2056.7 | 2060.8 | 2075.3 | 2090.3 |
| 5° | 1887.3 | 1898.8 | 1919.1 | 1937.9 | 1958.1 | 1979.1 | 1994.2 | 2011.6 | 2027.4 | 2054.8 | 2083.8 |
| 7.5° | 1759.3 | 1775.4 | 1806.7 | 1836.6 | 1871.9 | 1901.5 | 1927.6 | 1957.2 | 1983.7 | 2023.0 | 2064.0 |
| 10° | 1663.4 | 1691.6 | 1732.8 | 1761.0 | 1807.1 | 1836.7 | 1877.9 | 1910.4 | 1947.3 | 1999.2 | 2045.5 |
| 12.5° | 1580.7 | 1614.8 | 1647.8 | 1687.0 | 1728.5 | 1777.8 | 1823.1 | 1864.8 | 1908.6 | 1962.3 | 2016.6 |
| 15° | 1430.9 | 1480.0 | 1531.3 | 1570.9 | 1627.3 | 1679.3 | 1732.0 | 1788.4 | 1841.8 | 1906.1 | 1976.9 |
| 17.5° | 1237.8 | 1294.8 | 1381.0 | 1449.1 | 1515.2 | 1567.4 | 1632.7 | 1700.8 | 1763.8 | 1841.4 | 1920.1 |
| 20° | 1150.6 | 1192.5 | 1250.9 | 1342.7 | 1442.4 | 1498.0 | 1564.4 | 1639.6 | 1711.8 | 1796.3 | 1880.8 |
| 22.5° | 1080.6 | 1117.9 | 1164.9 | 1236.4 | 1347.6 | 1423.4 | 1492.8 | 1569.1 | 1652.8 | 1739.1 | 1832.9 |
| 25° | 980.8 | 1006.8 | 1055.9 | 1113.7 | 1190.3 | 1315.2 | 1391.1 | 1467.6 | 1558.7 | 1651.1 | 1758.0 |
| 27.5° | 905.9 | 929.3 | 961.2 | 1016.3 | 1073.3 | 1163.0 | 1283.6 | 1367.2 | 1457.8 | 1561.9 | 1672.8 |
| 30° | 848.7 | 876.1 | 911.5 | 950.6 | 1012.7 | 1082.7 | 1203.3 | 1300.1 | 1389.7 | 1496.6 | 1615.0 |
| 32.5° | 807.1 | 828.8 | 858.9 | 898.5 | 950.3 | 1017.4 | 1113.7 | 1231.3 | 1318.6 | 1431.3 | 1554.9 |
| 35° | 738.9 | 764.2 | 788.7 | 826.3 | 868.2 | 929.5 | 1002.5 | 1128.2 | 1214.8 | 1326.1 | 1450.3 |
| 37.5° | 682.7 | 698.1 | 725.3 | 755.1 | 799.3 | 845.1 | 908.3 | 1021.1 | 1114.7 | 1224.0 | 1351.1 |
| 40° | 639.9 | 659.4 | 679.7 | 712.8 | 749.0 | 793.1 | 855.2 | 939.0 | 1046.6 | 1153.5 | 1277.7 |
| 42.5° | 598.3 | 623.0 | 644.4 | 666.7 | 706.2 | 750.3 | 800.9 | 871.9 | 981.8 | 1083.0 | 1203.7 |
| 45° | 548.2 | 564.1 | 586.4 | 611.1 | 643.6 | 681.1 | 725.9 | 788.0 | 893.4 | 980.8 | 1094.3 |
| 47.5° | 489.8 | 513.1 | 527.7 | 551.7 | 582.6 | 618.4 | 660.1 | 713.8 | 799.1 | 881.0 | 986.2 |
| 50° | 450.0 | 473.8 | 494.7 | 516.4 | 543.8 | 578.5 | 613.2 | 665.2 | 733.9 | 819.8 | 918.0 |
| 52.5° | 415.8 | 436.9 | 457.2 | 478.9 | 505.8 | 537.5 | 570.4 | 616.1 | 674.9 | 753.9 | 849.2 |
| 55° | 369.1 | 382.1 | 403.0 | 424.7 | 448.6 | 478.9 | 510.7 | 548.9 | 599.5 | 665.9 | 743.2 |
| 57.5° | 321.1 | 336.1 | 352.8 | 374.6 | 398.7 | 422.0 | 450.5 | 485.2 | 525.1 | 585.2 | 651.4 |
| 60° | 294.0 | 305.5 | 319.2 | 341.7 | 364.0 | 384.9 | 412.5 | 441.3 | 478.9 | 530.8 | 587.2 |
| 62.5° | 263.9 | 274.9 | 287.5 | 307.0 | 328.8 | 348.0 | 371.9 | 402.6 | 434.4 | 481.7 | 531.1 |
| 65° | 213.8 | 229.7 | 242.0 | 259.3 | 277.4 | 297.6 | 316.3 | 340.9 | 369.1 | 406.6 | 450.7 |
| 67.5° | 177.3 | 185.3 | 196.7 | 212.4 | 231.0 | 248.4 | 266.1 | 285.3 | 309.7 | 338.7 | 373.7 |
| 70° | 161.1 | 164.0 | 166.2 | 181.3 | 198.6 | 215.9 | 232.6 | 250.6 | 271.5 | 295.4 | 325.7 |
| 72.5° | 142.0 | 144.9 | 147.6 | 154.1 | 168.0 | 185.3 | 202.6 | 215.9 | 235.7 | 255.5 | 280.1 |
| 75° | 112.6 | 117.0 | 119.1 | 122.8 | 127.8 | 139.4 | 155.3 | 168.2 | 179.8 | 195.0 | 214.5 |
| 77.5° | 85.8 | 88.2 | 90.6 | 94.3 | 97.6 | 102.8 | 111.8 | 123.5 | 134.3 | 143.2 | 156.6 |
| 80° | 67.9 | 68.6 | 71.5 | 73.0 | 77.3 | 80.9 | 85.2 | 94.6 | 105.5 | 109.1 | 118.5 |
| 82.5° | 51.2 | 51.8 | 54.2 | 55.6 | 57.7 | 60.7 | 66.2 | 68.6 | 77.1 | 81.9 | 87.8 |
| 85° | 28.2 | 27.4 | 29.6 | 29.6 | 31.1 | 32.5 | 33.9 | 37.5 | 39.7 | 45.5 | 46.9 |
| 87.5° | 11.5 | 11.4 | 11.7 | 11.5 | 11.2 | 12.2 | 12.4 | 12.7 | 13.5 | 14.9 | 16.9 |
| 90° | 14.2 | 13.5 | 12.3 | 11.1 | 9.9 | 8.7 | 7.3 | 5.7 | 4.0 | 2.4 | 0.7 |
| 92.5° | 16.0 | 15.6 | 15.1 | 14.4 | 13.9 | 13.3 | 13.0 | 13.2 | 13.3 | 13.5 | 13.6 |
| 95° | 27.1 | 26.3 | 25.3 | 24.2 | 23.2 | 22.1 | 24.0 | 29.0 | 33.9 | 38.9 | 43.8 |
| 97.5° | 35.8 | 35.2 | 32.8 | 30.3 | 27.9 | 25.4 | 31.2 | 45.1 | 59.1 | 73.0 | 87.0 |
| 100° | 39.6 | 38.5 | 35.9 | 33.4 | 30.8 | 28.3 | 37.2 | 57.8 | 78.3 | 98.8 | 119.3 |
| 102.5° | 41.1 | 39.5 | 60.8 | 82.1 | 103.4 | 124.7 | 137.5 | 141.9 | 146.3 | 150.6 | 155.0 |
| 105° | 42.8 | 41.1 | 82.0 | 122.9 | 163.8 | 204.7 | 222.9 | 218.5 | 214.0 | 209.4 | 205.0 |
| 107.5° | 55.9 | 57.6 | 106.6 | 155.7 | 204.7 | 253.8 | 276.5 | 272.9 | 269.3 | 265.6 | 262.0 |
| 110° | 103.0 | 118.0 | 161.3 | 204.6 | 247.9 | 291.2 | 311.2 | 308.1 | 305.0 | 301.8 | 298.7 |



TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 243.0 | 297.6 | 308.3 | 319.0 | 329.7 | 340.4 | 344.3 | 341.6 | 338.7 | 336.0 | 333.2 |
| 115° | 346.7 | 416.0 | 412.3 | 408.5 | 404.7 | 401.1 | 397.8 | 395.3 | 392.8 | 390.2 | 387.7 |
| 117.5° | 444.0 | 460.8 | 458.2 | 455.6 | 453.1 | 450.4 | 447.7 | 444.9 | 442.1 | 439.2 | 436.4 |
| 120° | 496.0 | 494.2 | 491.5 | 488.8 | 486.2 | 483.4 | 481.0 | 478.7 | 476.5 | 474.2 | 471.9 |
| 122.5° | 527.1 | 526.0 | 523.1 | 520.2 | 517.3 | 514.3 | 511.6 | 509.3 | 506.9 | 504.5 | 502.2 |
| 125° | 570.8 | 569.8 | 566.8 | 564.0 | 561.2 | 558.4 | 555.9 | 554.0 | 552.0 | 550.1 | 548.2 |
| 127.5° | 610.7 | 609.1 | 607.0 | 604.8 | 602.8 | 600.6 | 598.4 | 596.3 | 594.2 | 592.0 | 589.8 |
| 130° | 636.1 | 634.4 | 632.8 | 631.1 | 629.5 | 627.8 | 625.8 | 623.4 | 621.0 | 618.7 | 616.2 |
| 132.5° | 661.2 | 659.8 | 658.2 | 656.5 | 654.9 | 653.2 | 651.4 | 649.3 | 647.3 | 645.3 | 643.2 |
| 135° | 696.6 | 695.1 | 693.8 | 692.4 | 691.1 | 689.8 | 687.9 | 685.5 | 683.1 | 680.7 | 678.3 |
| 137.5° | 729.6 | 728.2 | 726.6 | 725.1 | 723.6 | 722.1 | 720.5 | 718.8 | 717.1 | 715.4 | 713.8 |
| 140° | 751.1 | 749.8 | 748.1 | 746.5 | 744.8 | 743.2 | 741.7 | 740.6 | 739.3 | 738.1 | 737.0 |
| 142.5° | 770.9 | 769.7 | 767.8 | 765.9 | 764.0 | 762.1 | 760.6 | 759.6 | 758.6 | 757.4 | 756.4 |
| 145° | 798.7 | 797.6 | 795.0 | 792.5 | 789.9 | 787.4 | 786.3 | 786.4 | 786.6 | 786.6 | 786.8 |
| 147.5° | 822.9 | 822.2 | 819.6 | 817.1 | 814.6 | 812.1 | 811.2 | 811.7 | 812.3 | 812.8 | 813.4 |
| 150° | 837.6 | 836.7 | 834.3 | 831.9 | 829.5 | 827.2 | 826.4 | 827.6 | 828.6 | 829.6 | 830.7 |
| 152.5° | 851.1 | 850.2 | 847.9 | 845.6 | 843.4 | 841.1 | 840.6 | 841.7 | 842.9 | 844.0 | 845.2 |
| 155° | 869.3 | 868.4 | 866.6 | 864.8 | 863.0 | 861.2 | 861.0 | 862.3 | 863.7 | 865.1 | 866.4 |
| 157.5° | 884.6 | 883.5 | 882.2 | 881.0 | 879.8 | 878.4 | 878.4 | 879.6 | 880.7 | 881.8 | 883.0 |
| 160° | 893.6 | 892.7 | 891.7 | 890.9 | 889.9 | 889.1 | 889.1 | 889.9 | 890.9 | 891.7 | 892.7 |
| 162.5° | 901.8 | 900.8 | 900.0 | 899.2 | 898.4 | 897.7 | 897.7 | 898.6 | 899.6 | 900.4 | 901.4 |
| 165° | 911.9 | 910.9 | 910.4 | 910.0 | 909.6 | 909.1 | 909.3 | 910.2 | 911.2 | 912.0 | 912.9 |
| 167.5° | 920.4 | 919.4 | 919.0 | 918.5 | 918.1 | 917.7 | 917.9 | 918.9 | 919.7 | 920.7 | 921.5 |
| 170° | 924.7 | 923.7 | 923.4 | 923.1 | 922.8 | 922.5 | 922.8 | 923.7 | 924.6 | 925.5 | 926.4 |
| 172.5° | 928.0 | 926.9 | 926.6 | 926.3 | 926.0 | 925.8 | 926.0 | 926.9 | 927.8 | 928.7 | 929.6 |
| 175° | 931.5 | 930.5 | 930.1 | 929.8 | 929.5 | 929.3 | 929.6 | 930.7 | 931.7 | 932.7 | 933.8 |
| 177.5° | 932.1 | 931.2 | 931.1 | 931.0 | 930.9 | 930.8 | 931.1 | 932.0 | 932.8 | 933.7 | 934.5 |
| 180° | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 |



TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 |
| 2.5° | 2090.8 | 2092.5 | 2104.1 | 2109.3 | 2119.8 | 2123.7 | 2128.4 | 2127.2 | 2127.2 | 2129.6 | 2145.7 |
| 5° | 2095.4 | 2109.8 | 2131.5 | 2152.4 | 2172.7 | 2189.9 | 2201.5 | 2213.1 | 2217.4 | 2238.4 | 2257.1 |
| 7.5° | 2087.8 | 2114.4 | 2150.2 | 2182.2 | 2220.4 | 2250.3 | 2275.2 | 2297.5 | 2312.9 | 2343.3 | 2374.5 |
| 10° | 2078.0 | 2115.5 | 2156.0 | 2197.2 | 2249.8 | 2289.6 | 2330.1 | 2361.2 | 2371.2 | 2416.8 | 2442.8 |
| 12.5° | 2058.3 | 2108.7 | 2160.0 | 2213.4 | 2264.9 | 2319.7 | 2364.2 | 2395.2 | 2430.7 | 2471.6 | 2519.6 |
| 15° | 2028.9 | 2086.7 | 2153.8 | 2222.4 | 2296.1 | 2362.6 | 2410.3 | 2464.4 | 2503.4 | 2548.2 | 2590.1 |
| 17.5° | 1986.6 | 2061.0 | 2146.4 | 2225.8 | 2311.0 | 2382.4 | 2448.0 | 2499.9 | 2527.4 | 2553.0 | 2559.2 |
| 20° | 1953.0 | 2033.3 | 2133.6 | 2227.5 | 2312.7 | 2395.1 | 2460.0 | 2503.4 | 2510.7 | 2511.3 | 2473.0 |
| 22.5° | 1916.7 | 2007.2 | 2112.2 | 2208.5 | 2310.5 | 2402.0 | 2452.6 | 2471.1 | 2442.4 | 2393.5 | 2319.4 |
| 25° | 1849.7 | 1954.5 | 2076.5 | 2186.3 | 2297.5 | 2384.3 | 2401.6 | 2369.1 | 2268.7 | 2163.2 | 2029.6 |
| 27.5° | 1777.3 | 1895.0 | 2025.8 | 2147.9 | 2266.3 | 2320.1 | 2282.6 | 2165.5 | 1984.7 | 1827.5 | 1637.0 |
| 30° | 1724.1 | 1856.2 | 1984.8 | 2121.3 | 2231.1 | 2254.2 | 2168.3 | 1995.6 | 1784.7 | 1547.8 | 1357.9 |
| 32.5° | 1663.4 | 1802.0 | 1943.2 | 2084.3 | 2176.2 | 2153.7 | 2011.7 | 1799.2 | 1551.9 | 1319.0 | 1139.4 |
| 35° | 1576.7 | 1719.8 | 1872.2 | 2013.7 | 2072.2 | 1974.7 | 1762.4 | 1485.7 | 1232.9 | 1015.5 | 892.0 |
| 37.5° | 1476.6 | 1632.4 | 1790.8 | 1920.8 | 1916.7 | 1754.2 | 1464.9 | 1179.3 | 966.9 | 838.3 | 750.3 |
| 40° | 1405.5 | 1563.0 | 1734.2 | 1844.0 | 1797.1 | 1585.4 | 1272.0 | 1002.5 | 847.3 | 744.7 | 680.4 |
| 42.5° | 1337.4 | 1495.4 | 1665.5 | 1752.7 | 1671.0 | 1410.9 | 1098.6 | 887.5 | 759.4 | 679.4 | 627.3 |
| 45° | 1221.3 | 1388.2 | 1545.7 | 1594.0 | 1448.1 | 1161.4 | 888.4 | 735.3 | 650.1 | 590.8 | 554.7 |
| 47.5° | 1108.0 | 1272.1 | 1415.8 | 1416.6 | 1219.4 | 941.9 | 749.4 | 636.3 | 563.5 | 517.7 | 491.4 |
| 50° | 1038.6 | 1194.7 | 1315.2 | 1296.5 | 1072.6 | 837.8 | 670.2 | 572.8 | 512.1 | 476.7 | 449.2 |
| 52.5° | 960.6 | 1112.0 | 1216.4 | 1163.0 | 948.4 | 737.3 | 599.2 | 517.3 | 467.0 | 436.2 | 411.7 |
| 55° | 847.3 | 981.6 | 1055.3 | 974.3 | 773.5 | 613.2 | 506.3 | 442.1 | 404.4 | 378.4 | 357.5 |
| 57.5° | 735.8 | 846.7 | 893.1 | 798.8 | 637.2 | 508.5 | 428.3 | 380.0 | 342.8 | 324.1 | 313.3 |
| 60° | 665.9 | 760.5 | 793.1 | 689.1 | 554.0 | 444.9 | 379.2 | 334.4 | 307.0 | 294.7 | 283.9 |
| 62.5° | 597.2 | 674.5 | 687.9 | 592.6 | 483.0 | 389.5 | 333.0 | 295.1 | 276.9 | 265.2 | 255.0 |
| 65° | 495.5 | 551.1 | 544.6 | 468.1 | 382.1 | 309.2 | 268.0 | 244.9 | 231.1 | 214.5 | 196.4 |
| 67.5° | 407.9 | 441.9 | 421.4 | 364.0 | 291.6 | 240.3 | 213.4 | 195.9 | 178.8 | 163.1 | 158.9 |
| 70° | 352.5 | 371.9 | 350.3 | 297.6 | 239.0 | 201.5 | 179.8 | 158.9 | 148.8 | 145.2 | 138.6 |
| 72.5° | 299.4 | 306.1 | 282.7 | 237.5 | 194.5 | 166.8 | 145.7 | 134.0 | 128.6 | 125.5 | 121.3 |
| 75° | 224.6 | 219.6 | 199.3 | 164.0 | 135.1 | 116.3 | 109.8 | 105.5 | 101.8 | 99.0 | 96.8 |
| 77.5° | 157.8 | 150.3 | 132.3 | 109.2 | 94.1 | 85.1 | 81.2 | 78.9 | 77.1 | 75.7 | 73.5 |
| 80° | 118.5 | 113.4 | 95.4 | 78.0 | 71.5 | 67.2 | 65.0 | 62.1 | 62.1 | 60.7 | 58.5 |
| 82.5° | 86.7 | 81.1 | 65.3 | 57.2 | 53.6 | 51.0 | 49.4 | 47.7 | 47.1 | 47.4 | 45.8 |
| 85° | 45.5 | 36.9 | 32.5 | 31.1 | 28.9 | 27.4 | 28.2 | 26.8 | 26.8 | 26.8 | 26.0 |
| 87.5° | 14.3 | 11.8 | 11.5 | 11.3 | 12.2 | 12.3 | 12.1 | 12.3 | 13.1 | 12.6 | 13.4 |
| 90° | 2.4 | 4.0 | 5.7 | 7.3 | 8.7 | 9.9 | 11.1 | 12.3 | 13.5 | 14.2 | 15.0 |
| 92.5° | 13.5 | 13.3 | 13.2 | 13.0 | 13.3 | 13.9 | 14.4 | 15.1 | 15.6 | 16.0 | 16.4 |
| 95° | 38.9 | 33.9 | 29.0 | 24.0 | 22.1 | 23.2 | 24.2 | 25.3 | 26.3 | 27.1 | 27.8 |
| 97.5° | 73.0 | 59.1 | 45.1 | 31.2 | 25.4 | 27.9 | 30.3 | 32.8 | 35.2 | 35.8 | 36.4 |
| 100° | 98.8 | 78.3 | 57.8 | 37.2 | 28.3 | 30.8 | 33.4 | 35.9 | 38.5 | 39.6 | 40.8 |
| 102.5° | 150.6 | 146.3 | 141.9 | 137.5 | 124.7 | 103.4 | 82.1 | 60.8 | 39.5 | 41.1 | 42.6 |
| 105° | 209.4 | 214.0 | 218.5 | 222.9 | 204.7 | 163.8 | 122.9 | 82.0 | 41.1 | 42.8 | 44.4 |
| 107.5° | 265.6 | 269.3 | 272.9 | 276.5 | 253.8 | 204.7 | 155.7 | 106.6 | 57.6 | 55.9 | 54.2 |
| 110° | 301.8 | 305.0 | 308.1 | 311.2 | 291.2 | 247.9 | 204.6 | 161.3 | 118.0 | 103.0 | 88.0 |



TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 336.0 | 338.7 | 341.6 | 344.3 | 340.4 | 329.7 | 319.0 | 308.3 | 297.6 | 243.0 | 188.3 |
| 115° | 390.2 | 392.8 | 395.3 | 397.8 | 401.1 | 404.7 | 408.5 | 412.3 | 416.0 | 346.7 | 277.3 |
| 117.5° | 439.2 | 442.1 | 444.9 | 447.7 | 450.4 | 453.1 | 455.6 | 458.2 | 460.8 | 444.0 | 427.3 |
| 120° | 474.2 | 476.5 | 478.7 | 481.0 | 483.4 | 486.2 | 488.8 | 491.5 | 494.2 | 496.0 | 497.9 |
| 122.5° | 504.5 | 506.9 | 509.3 | 511.6 | 514.3 | 517.3 | 520.2 | 523.1 | 526.0 | 527.1 | 528.2 |
| 125° | 550.1 | 552.0 | 554.0 | 555.9 | 558.4 | 561.2 | 564.0 | 566.8 | 569.8 | 570.8 | 571.8 |
| 127.5° | 592.0 | 594.2 | 596.3 | 598.4 | 600.6 | 602.8 | 604.8 | 607.0 | 609.1 | 610.7 | 612.2 |
| 130° | 618.7 | 621.0 | 623.4 | 625.8 | 627.8 | 629.5 | 631.1 | 632.8 | 634.4 | 636.1 | 637.7 |
| 132.5° | 645.3 | 647.3 | 649.3 | 651.4 | 653.2 | 654.9 | 656.5 | 658.2 | 659.8 | 661.2 | 662.6 |
| 135° | 680.7 | 683.1 | 685.5 | 687.9 | 689.8 | 691.1 | 692.4 | 693.8 | 695.1 | 696.6 | 698.1 |
| 137.5° | 715.4 | 717.1 | 718.8 | 720.5 | 722.1 | 723.6 | 725.1 | 726.6 | 728.2 | 729.6 | 731.1 |
| 140° | 738.1 | 739.3 | 740.6 | 741.7 | 743.2 | 744.8 | 746.5 | 748.1 | 749.8 | 751.1 | 752.4 |
| 142.5° | 757.4 | 758.6 | 759.6 | 760.6 | 762.1 | 764.0 | 765.9 | 767.8 | 769.7 | 770.9 | 772.1 |
| 145° | 786.6 | 786.6 | 786.4 | 786.3 | 787.4 | 789.9 | 792.5 | 795.0 | 797.6 | 798.7 | 799.7 |
| 147.5° | 812.8 | 812.3 | 811.7 | 811.2 | 812.1 | 814.6 | 817.1 | 819.6 | 822.2 | 822.9 | 823.7 |
| 150° | 829.6 | 828.6 | 827.6 | 826.4 | 827.2 | 829.5 | 831.9 | 834.3 | 836.7 | 837.6 | 838.5 |
| 152.5° | 844.0 | 842.9 | 841.7 | 840.6 | 841.1 | 843.4 | 845.6 | 847.9 | 850.2 | 851.1 | 852.0 |
| 155° | 865.1 | 863.7 | 862.3 | 861.0 | 861.2 | 863.0 | 864.8 | 866.6 | 868.4 | 869.3 | 870.2 |
| 157.5° | 881.8 | 880.7 | 879.6 | 878.4 | 878.4 | 879.8 | 881.0 | 882.2 | 883.5 | 884.6 | 885.5 |
| 160° | 891.7 | 890.9 | 889.9 | 889.1 | 889.1 | 889.9 | 890.9 | 891.7 | 892.7 | 893.6 | 894.5 |
| 162.5° | 900.4 | 899.6 | 898.6 | 897.7 | 897.7 | 898.4 | 899.2 | 900.0 | 900.8 | 901.8 | 902.8 |
| 165° | 912.0 | 911.2 | 910.2 | 909.3 | 909.1 | 909.6 | 910.0 | 910.4 | 910.9 | 911.9 | 912.9 |
| 167.5° | 920.7 | 919.7 | 918.9 | 917.9 | 917.7 | 918.1 | 918.5 | 919.0 | 919.4 | 920.4 | 921.5 |
| 170° | 925.5 | 924.6 | 923.7 | 922.8 | 922.5 | 922.8 | 923.1 | 923.4 | 923.7 | 924.7 | 925.8 |
| 172.5° | 928.7 | 927.8 | 926.9 | 926.0 | 925.8 | 926.0 | 926.3 | 926.6 | 926.9 | 928.0 | 929.1 |
| 175° | 932.7 | 931.7 | 930.7 | 929.6 | 929.3 | 929.5 | 929.8 | 930.1 | 930.5 | 931.5 | 932.6 |
| 177.5° | 933.7 | 932.8 | 932.0 | 931.1 | 930.8 | 930.9 | 931.0 | 931.1 | 931.2 | 932.1 | 932.9 |
| 180° | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 |



TEST NUMBER: P331747-830

CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 | 2078.7 |
| 2.5° | 2151.5 | 2159.0 | 2162.5 | 2162.5 | 2166.5 | 2164.8 | 2163.0 |
| 5° | 2275.2 | 2288.9 | 2291.8 | 2304.8 | 2314.1 | 2311.3 | 2312.7 |
| 7.5° | 2398.1 | 2420.2 | 2442.0 | 2452.0 | 2453.5 | 2459.4 | 2461.5 |
| 10° | 2473.8 | 2491.9 | 2525.8 | 2520.7 | 2546.0 | 2560.5 | 2536.7 |
| 12.5° | 2546.6 | 2571.0 | 2594.5 | 2601.0 | 2615.4 | 2620.0 | 2610.6 |
| 15° | 2612.4 | 2625.5 | 2627.0 | 2623.3 | 2627.6 | 2624.0 | 2610.3 |
| 17.5° | 2550.9 | 2529.9 | 2487.1 | 2466.8 | 2450.8 | 2427.1 | 2417.6 |
| 20° | 2449.2 | 2387.1 | 2314.9 | 2286.0 | 2252.0 | 2185.6 | 2201.5 |
| 22.5° | 2229.7 | 2158.9 | 2086.7 | 2002.3 | 1962.0 | 1899.0 | 1895.3 |
| 25° | 1888.0 | 1765.9 | 1631.6 | 1537.8 | 1482.8 | 1420.0 | 1392.5 |
| 27.5° | 1467.9 | 1314.3 | 1204.2 | 1148.4 | 1097.7 | 1047.9 | 1045.8 |
| 30° | 1191.8 | 1076.2 | 991.0 | 943.3 | 912.2 | 891.3 | 895.6 |
| 32.5° | 1004.6 | 925.4 | 867.9 | 828.3 | 805.3 | 789.6 | 789.3 |
| 35° | 821.2 | 767.0 | 730.2 | 713.6 | 697.0 | 685.4 | 686.2 |
| 37.5° | 702.8 | 670.2 | 649.8 | 631.4 | 621.0 | 615.4 | 612.2 |
| 40° | 642.1 | 615.4 | 599.5 | 588.6 | 579.9 | 572.0 | 570.6 |
| 42.5° | 594.2 | 572.0 | 556.2 | 547.6 | 539.5 | 534.0 | 532.4 |
| 45° | 527.3 | 509.2 | 494.7 | 485.4 | 481.7 | 476.7 | 476.7 |
| 47.5° | 469.0 | 451.3 | 440.0 | 434.1 | 427.9 | 424.5 | 424.4 |
| 50° | 429.8 | 416.0 | 406.0 | 402.3 | 397.3 | 395.1 | 394.4 |
| 52.5° | 394.5 | 384.3 | 377.0 | 374.6 | 372.4 | 369.7 | 370.1 |
| 55° | 346.7 | 340.9 | 338.0 | 335.8 | 332.2 | 327.9 | 330.8 |
| 57.5° | 306.4 | 301.5 | 293.7 | 286.9 | 283.6 | 280.5 | 281.7 |
| 60° | 278.1 | 268.0 | 257.9 | 249.9 | 247.7 | 241.2 | 241.2 |
| 62.5° | 242.2 | 228.1 | 215.7 | 211.2 | 209.1 | 206.0 | 205.4 |
| 65° | 186.3 | 180.6 | 177.7 | 174.7 | 173.3 | 173.3 | 171.9 |
| 67.5° | 154.4 | 152.1 | 148.9 | 148.2 | 146.8 | 146.4 | 145.9 |
| 70° | 136.5 | 133.7 | 132.1 | 131.5 | 130.0 | 130.7 | 128.6 |
| 72.5° | 119.1 | 116.9 | 116.6 | 114.7 | 113.9 | 114.0 | 112.4 |
| 75° | 93.9 | 93.9 | 93.2 | 92.5 | 91.0 | 90.3 | 91.0 |
| 77.5° | 72.2 | 72.4 | 71.1 | 71.0 | 70.8 | 71.0 | 70.2 |
| 80° | 57.8 | 58.5 | 57.8 | 57.0 | 56.4 | 57.0 | 56.4 |
| 82.5° | 45.6 | 44.7 | 44.5 | 44.4 | 44.2 | 43.7 | 43.6 |
| 85° | 26.0 | 26.8 | 26.0 | 25.3 | 25.3 | 25.3 | 26.0 |
| 87.5° | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.4 | 12.9 |
| 90° | 15.7 | 16.5 | 17.0 | 17.3 | 17.6 | 17.9 | 18.2 |
| 92.5° | 16.8 | 17.2 | 17.5 | 17.6 | 17.8 | 18.0 | 18.2 |
| 95° | 28.6 | 29.3 | 29.6 | 29.4 | 29.3 | 29.1 | 29.0 |
| 97.5° | 36.9 | 37.6 | 38.0 | 38.2 | 38.4 | 38.5 | 38.7 |
| 100° | 42.0 | 43.3 | 44.0 | 44.3 | 44.6 | 44.9 | 45.1 |
| 102.5° | 44.2 | 45.7 | 46.8 | 47.1 | 47.6 | 48.0 | 48.4 |
| 105° | 46.1 | 47.7 | 48.8 | 49.5 | 50.0 | 50.6 | 51.3 |
| 107.5° | 52.5 | 50.9 | 50.3 | 50.9 | 51.6 | 52.1 | 52.7 |
| 110° | 73.0 | 58.1 | 50.9 | 51.5 | 52.0 | 52.7 | 53.3 |



TEST NUMBER: P331747-830
 CATALOG NUMBER: SA2XXRDIP-C1005D725U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 133.7 | 79.0 | 51.8 | 52.4 | 52.9 | 53.3 | 53.8 |
| 115° | 207.9 | 138.6 | 98.4 | 87.7 | 76.8 | 66.1 | 55.3 |
| 117.5° | 410.4 | 393.6 | 367.5 | 332.1 | 296.6 | 261.2 | 225.7 |
| 120° | 499.6 | 501.4 | 492.2 | 471.9 | 451.8 | 431.5 | 411.3 |
| 122.5° | 529.2 | 530.4 | 529.0 | 525.0 | 521.0 | 517.2 | 513.2 |
| 125° | 572.9 | 573.9 | 574.7 | 575.1 | 575.6 | 576.0 | 576.5 |
| 127.5° | 613.7 | 615.2 | 616.0 | 616.1 | 616.2 | 616.3 | 616.4 |
| 130° | 639.4 | 641.0 | 641.8 | 641.7 | 641.5 | 641.3 | 641.2 |
| 132.5° | 664.0 | 665.4 | 666.1 | 665.9 | 665.8 | 665.6 | 665.4 |
| 135° | 699.6 | 701.2 | 701.7 | 701.4 | 701.2 | 700.8 | 700.5 |
| 137.5° | 732.5 | 734.1 | 734.5 | 734.1 | 733.5 | 733.0 | 732.4 |
| 140° | 753.8 | 755.2 | 755.4 | 754.7 | 753.9 | 753.2 | 752.4 |
| 142.5° | 773.4 | 774.6 | 774.9 | 774.1 | 773.4 | 772.6 | 771.8 |
| 145° | 800.8 | 801.8 | 801.9 | 801.3 | 800.5 | 799.7 | 799.0 |
| 147.5° | 824.5 | 825.3 | 825.4 | 824.7 | 824.1 | 823.5 | 822.8 |
| 150° | 839.4 | 840.3 | 840.4 | 839.6 | 838.9 | 838.1 | 837.4 |
| 152.5° | 852.9 | 853.8 | 853.8 | 852.8 | 851.8 | 850.8 | 849.8 |
| 155° | 871.1 | 872.0 | 871.9 | 870.6 | 869.5 | 868.3 | 867.0 |
| 157.5° | 886.6 | 887.6 | 887.5 | 886.4 | 885.1 | 884.0 | 882.9 |
| 160° | 895.4 | 896.3 | 896.2 | 895.1 | 894.1 | 893.1 | 892.0 |
| 162.5° | 903.8 | 904.8 | 904.7 | 903.4 | 902.1 | 900.9 | 899.6 |
| 165° | 914.1 | 915.1 | 915.1 | 914.1 | 912.9 | 911.9 | 910.9 |
| 167.5° | 922.6 | 923.6 | 923.4 | 922.1 | 920.8 | 919.4 | 918.0 |
| 170° | 926.8 | 927.9 | 927.7 | 926.4 | 925.0 | 923.7 | 922.4 |
| 172.5° | 930.1 | 931.1 | 930.9 | 929.6 | 928.3 | 926.9 | 925.6 |
| 175° | 933.6 | 934.6 | 934.4 | 932.9 | 931.4 | 929.9 | 928.4 |
| 177.5° | 933.8 | 934.6 | 934.5 | 933.4 | 932.4 | 931.2 | 930.2 |
| 180° | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 | 931.8 |

(END OF REPORT)