

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: P331736-840

Luminaire Tested: **SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P331736-840
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-8,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 330 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5033.0 lumens
Efficiency: N/A
Efficacy: 101.1 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: Semi-Direct

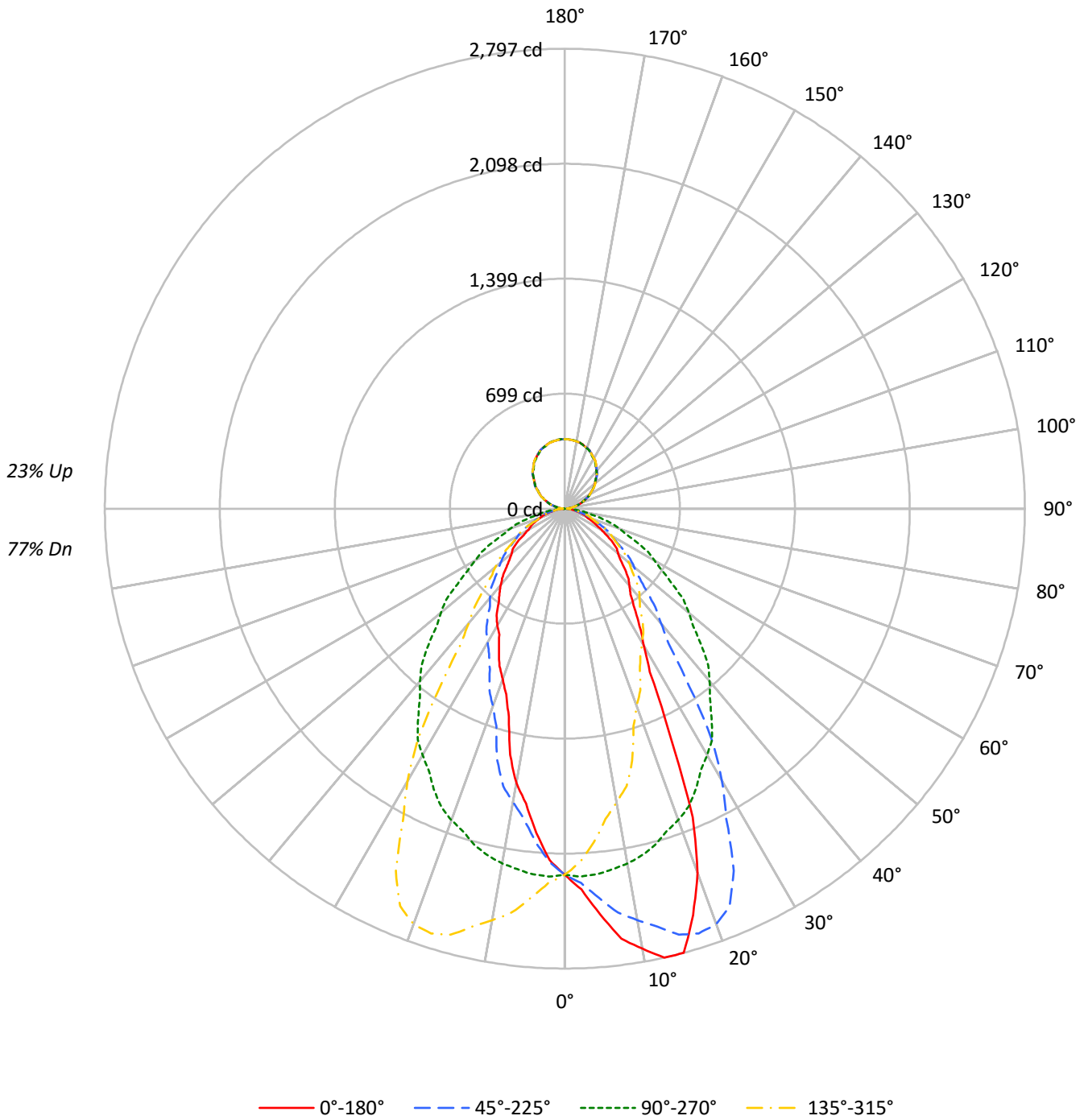
Input Watts (W): 49.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

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 | 113 | 113 | 113 | 113 | 108 | 108 | 108 | 108 | 98 | 98 | 98 | 89 | 89 | 89 | 80 | 80 | 80 | 77 | | | | 77 |
| 1 | 105 | 101 | 97 | 94 | 100 | 96 | 93 | 90 | 88 | 85 | 83 | 80 | 78 | 77 | 73 | 72 | 70 | | | | 67 | |
| 2 | 97 | 90 | 84 | 79 | 92 | 86 | 81 | 76 | 79 | 74 | 71 | 72 | 69 | 66 | 66 | 63 | 61 | | | | 58 | |
| 3 | 89 | 80 | 73 | 67 | 85 | 77 | 70 | 65 | 71 | 65 | 61 | 65 | 61 | 57 | 60 | 56 | 54 | | | | 51 | |
| 4 | 82 | 72 | 64 | 58 | 78 | 69 | 62 | 57 | 64 | 58 | 54 | 59 | 54 | 50 | 54 | 50 | 47 | | | | 45 | |
| 5 | 76 | 65 | 57 | 51 | 73 | 63 | 55 | 50 | 58 | 52 | 47 | 54 | 49 | 45 | 50 | 46 | 42 | | | | 40 | |
| 6 | 71 | 59 | 51 | 46 | 67 | 57 | 50 | 44 | 53 | 47 | 42 | 49 | 44 | 40 | 46 | 41 | 38 | | | | 36 | |
| 7 | 66 | 54 | 46 | 41 | 63 | 52 | 45 | 40 | 49 | 42 | 38 | 45 | 40 | 36 | 42 | 38 | 34 | | | | 32 | |
| 8 | 62 | 50 | 42 | 37 | 59 | 48 | 41 | 36 | 45 | 39 | 35 | 42 | 37 | 33 | 39 | 35 | 31 | | | | 29 | |
| 9 | 58 | 46 | 38 | 34 | 55 | 44 | 38 | 33 | 42 | 36 | 31 | 39 | 34 | 30 | 36 | 32 | 29 | | | | 27 | |
| 10 | 54 | 43 | 35 | 31 | 52 | 41 | 35 | 30 | 39 | 33 | 29 | 36 | 31 | 28 | 34 | 30 | 27 | | | | 25 | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 35960 | 35960 | 35960 | 35960 |
| 5° | 40161 | 36185 | 32083 | 36185 |
| 10° | 44558 | 35931 | 27811 | 35931 |
| 15° | 46748 | 35405 | 21912 | 35405 |
| 20° | 40527 | 34625 | 18962 | 34625 |
| 25° | 26580 | 33556 | 16930 | 33556 |
| 30° | 17890 | 32261 | 15321 | 32261 |
| 35° | 14491 | 30628 | 13819 | 30628 |
| 40° | 12886 | 28854 | 12787 | 28854 |
| 45° | 11663 | 26772 | 11415 | 26772 |
| 50° | 10613 | 24707 | 10575 | 24707 |
| 55° | 9979 | 22415 | 9847 | 22415 |
| 60° | 8344 | 20315 | 8247 | 20315 |
| 65° | 7037 | 18449 | 7981 | 18449 |
| 70° | 6500 | 16475 | 7530 | 16475 |
| 75° | 6089 | 14336 | 6949 | 14336 |
| 80° | 5616 | 11799 | 6192 | 11799 |
| 85° | 5169 | 9318 | 5446 | 9318 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 211.1 | 4.2 |
| 10°-20° | 588.3 | 11.7 |
| 20°-30° | 758.1 | 15.1 |
| 30°-40° | 720.4 | 14.3 |
| 40°-50° | 617.1 | 12.3 |
| 50°-60° | 470.0 | 9.3 |
| 60°-70° | 297.1 | 5.9 |
| 70°-80° | 148.4 | 2.9 |
| 80°-90° | 40.3 | 0.8 |
| 90°-100° | 26.8 | 0.5 |
| 100°-110° | 83.2 | 1.7 |
| 110°-120° | 142.2 | 2.8 |
| 120°-130° | 187.0 | 3.7 |
| 130°-140° | 209.9 | 4.2 |
| 140°-150° | 205.8 | 4.1 |
| 150°-160° | 172.7 | 3.4 |
| 160°-170° | 114.5 | 2.3 |
| 170°-180° | 40.0 | 0.8 |
| 0°-30° | 1557.5 | 30.9 |
| 0°-40° | 2277.9 | 45.3 |
| 0°-60° | 3365.0 | 66.9 |
| 0°-90° | 3850.8 | 76.5 |
| 90°-120° | 252.2 | 5.0 |
| 90°-150° | 855.0 | 17.0 |
| 90°-180° | 1182.0 | 23.5 |
| 0°-180° | 5033.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2227 | 2227 | 2227 | 2227 | 2227 | |
| 5° | 2478 | 2233 | 1980 | 2233 | 2478 | 245 |
| 15° | 2797 | 2118 | 1311 | 2118 | 2797 | 754 |
| 25° | 1492 | 1884 | 950 | 1884 | 1492 | 708 |
| 35° | 735 | 1554 | 701 | 1554 | 735 | 470 |
| 45° | 511 | 1172 | 500 | 1172 | 511 | 395 |
| 55° | 354 | 796 | 350 | 796 | 354 | 311 |
| 65° | 184 | 483 | 209 | 483 | 184 | 187 |
| 75° | 98 | 230 | 111 | 230 | 98 | 103 |
| 85° | 28 | 50 | 29 | 50 | 28 | 30 |
| 90° | 12 | 0 | 12 | 0 | 12 | 7 |
| 95° | 22 | 19 | 22 | 19 | 22 | 25 |
| 105° | 79 | 77 | 79 | 77 | 79 | 83 |
| 115° | 143 | 143 | 143 | 143 | 143 | 141 |
| 125° | 208 | 208 | 208 | 208 | 208 | 186 |
| 135° | 272 | 269 | 272 | 269 | 272 | 209 |
| 145° | 330 | 326 | 330 | 326 | 330 | 206 |
| 155° | 376 | 373 | 376 | 373 | 376 | 173 |
| 165° | 406 | 406 | 406 | 406 | 406 | 115 |
| 175° | 421 | 422 | 421 | 422 | 421 | 40 |
| 180° | 423 | 423 | 423 | 423 | 423 | |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5° | 2317.5 | 2319.5 | 2321.3 | 2316.9 | 2316.9 | 2313.2 | 2305.2 | 2299.0 | 2281.7 | 2279.2 | 2279.2 |
| 5° | 2477.9 | 2476.4 | 2479.4 | 2469.4 | 2455.5 | 2452.4 | 2437.7 | 2418.3 | 2398.2 | 2375.8 | 2371.2 |
| 7.5° | 2637.4 | 2635.0 | 2628.8 | 2627.2 | 2616.5 | 2593.0 | 2569.4 | 2544.2 | 2510.7 | 2478.1 | 2461.6 |
| 10° | 2717.8 | 2743.4 | 2727.8 | 2700.8 | 2706.2 | 2669.9 | 2650.5 | 2617.3 | 2589.4 | 2540.6 | 2529.8 |
| 12.5° | 2797.0 | 2807.1 | 2802.2 | 2786.8 | 2779.9 | 2754.6 | 2728.5 | 2699.6 | 2648.2 | 2604.3 | 2566.3 |
| 15° | 2796.7 | 2811.5 | 2815.3 | 2810.7 | 2814.6 | 2813.0 | 2799.0 | 2775.1 | 2730.2 | 2682.2 | 2640.4 |
| 17.5° | 2590.3 | 2600.5 | 2625.9 | 2643.0 | 2664.7 | 2710.6 | 2733.1 | 2742.0 | 2735.3 | 2708.0 | 2678.5 |
| 20° | 2358.7 | 2341.7 | 2412.9 | 2449.3 | 2480.2 | 2557.6 | 2624.1 | 2649.7 | 2690.7 | 2690.0 | 2682.2 |
| 22.5° | 2030.6 | 2034.7 | 2102.1 | 2145.4 | 2235.7 | 2313.1 | 2388.9 | 2485.1 | 2564.5 | 2616.9 | 2647.6 |
| 25° | 1492.0 | 1521.5 | 1588.7 | 1647.6 | 1748.2 | 1892.1 | 2022.9 | 2174.5 | 2317.7 | 2430.7 | 2538.3 |
| 27.5° | 1120.5 | 1122.8 | 1176.1 | 1230.4 | 1290.2 | 1408.2 | 1572.8 | 1753.9 | 1958.0 | 2126.5 | 2320.2 |
| 30° | 959.6 | 954.9 | 977.3 | 1010.7 | 1061.8 | 1153.1 | 1276.9 | 1454.9 | 1658.4 | 1912.2 | 2138.2 |
| 32.5° | 845.7 | 846.0 | 862.8 | 887.5 | 929.9 | 991.5 | 1076.3 | 1220.8 | 1413.2 | 1662.7 | 1927.7 |
| 35° | 735.2 | 734.4 | 746.8 | 764.6 | 782.3 | 821.8 | 879.9 | 955.7 | 1088.0 | 1321.0 | 1591.9 |
| 37.5° | 655.9 | 659.3 | 665.4 | 676.5 | 696.2 | 718.1 | 753.0 | 803.9 | 898.2 | 1035.9 | 1263.5 |
| 40° | 611.4 | 612.9 | 621.4 | 630.7 | 642.3 | 659.3 | 687.9 | 729.0 | 797.9 | 907.8 | 1074.1 |
| 42.5° | 570.5 | 572.1 | 578.0 | 586.7 | 595.9 | 612.9 | 636.6 | 672.1 | 727.9 | 813.6 | 950.9 |
| 45° | 510.8 | 510.8 | 516.1 | 520.1 | 530.1 | 545.5 | 564.9 | 594.3 | 633.0 | 696.5 | 787.8 |
| 47.5° | 454.7 | 454.8 | 458.5 | 465.1 | 471.4 | 483.5 | 502.5 | 526.5 | 554.7 | 603.8 | 681.8 |
| 50° | 422.5 | 423.3 | 425.7 | 431.0 | 434.9 | 445.8 | 460.5 | 481.3 | 510.8 | 548.7 | 613.7 |
| 52.5° | 396.6 | 396.1 | 399.0 | 401.3 | 403.9 | 411.7 | 422.7 | 441.1 | 467.4 | 500.4 | 554.2 |
| 55° | 354.5 | 351.3 | 356.0 | 359.8 | 362.1 | 365.3 | 371.4 | 383.0 | 405.5 | 433.3 | 473.6 |
| 57.5° | 301.8 | 300.5 | 303.9 | 307.4 | 314.7 | 323.1 | 328.3 | 335.7 | 347.3 | 367.3 | 407.2 |
| 60° | 258.4 | 258.4 | 265.4 | 267.7 | 276.3 | 287.1 | 297.9 | 304.2 | 315.8 | 328.9 | 358.3 |
| 62.5° | 220.0 | 220.8 | 224.0 | 226.3 | 231.1 | 244.4 | 259.5 | 273.2 | 284.2 | 296.7 | 316.2 |
| 65° | 184.2 | 185.7 | 185.7 | 187.2 | 190.4 | 193.5 | 199.7 | 210.5 | 229.8 | 247.6 | 262.4 |
| 67.5° | 156.3 | 156.8 | 157.2 | 158.8 | 159.6 | 163.0 | 165.4 | 170.3 | 174.7 | 191.6 | 209.8 |
| 70° | 137.7 | 140.1 | 139.3 | 140.9 | 141.6 | 143.2 | 146.2 | 148.6 | 155.5 | 159.5 | 170.3 |
| 72.5° | 120.4 | 122.1 | 122.0 | 122.9 | 124.9 | 125.2 | 127.6 | 130.0 | 134.5 | 137.7 | 143.6 |
| 75° | 97.6 | 96.7 | 97.6 | 99.1 | 99.9 | 100.6 | 100.6 | 103.7 | 106.0 | 109.1 | 113.0 |
| 77.5° | 75.2 | 76.0 | 75.8 | 76.0 | 76.1 | 77.6 | 77.4 | 78.8 | 81.1 | 82.6 | 84.5 |
| 80° | 60.4 | 61.1 | 60.4 | 61.1 | 61.9 | 62.7 | 61.9 | 62.7 | 65.0 | 66.6 | 66.6 |
| 82.5° | 46.8 | 46.9 | 47.4 | 47.6 | 47.7 | 47.9 | 48.9 | 49.1 | 50.8 | 50.5 | 51.1 |
| 85° | 27.9 | 27.1 | 27.1 | 27.1 | 27.9 | 28.7 | 27.9 | 27.9 | 28.7 | 28.7 | 28.7 |
| 87.5° | 12.3 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 13.5 | 13.0 | 13.6 | 12.6 |
| 90° | 12.1 | 12.0 | 12.0 | 11.9 | 11.8 | 11.8 | 12.0 | 12.2 | 12.3 | 12.5 | 10.7 |
| 92.5° | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.4 | 11.4 | 11.4 | 11.3 | 10.9 |
| 95° | 22.1 | 22.3 | 22.4 | 22.6 | 22.7 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.7 |
| 97.5° | 38.3 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.1 |
| 100° | 48.9 | 49.0 | 49.1 | 49.1 | 49.2 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.0 |
| 102.5° | 60.9 | 61.0 | 61.0 | 61.1 | 61.2 | 61.2 | 61.1 | 61.1 | 61.0 | 60.9 | 60.6 |
| 105° | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.0 | 78.8 | 78.7 | 78.5 | 78.4 |
| 107.5° | 96.4 | 96.8 | 97.3 | 97.6 | 98.0 | 98.1 | 98.1 | 98.0 | 97.9 | 97.9 | 97.9 |
| 110° | 109.9 | 110.2 | 110.4 | 110.6 | 110.9 | 111.0 | 111.0 | 111.0 | 111.0 | 111.0 | 111.0 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 122.7 | 122.9 | 123.1 | 123.3 | 123.4 | 123.6 | 123.8 | 124.0 | 124.2 | 124.4 | 124.4 |
| 115° | 142.7 | 143.0 | 143.2 | 143.4 | 143.7 | 143.8 | 143.9 | 144.0 | 144.1 | 144.1 | 144.3 |
| 117.5° | 161.8 | 162.0 | 162.3 | 162.5 | 162.7 | 162.9 | 163.1 | 163.3 | 163.5 | 163.7 | 164.1 |
| 120° | 175.2 | 175.4 | 175.6 | 175.9 | 176.1 | 176.2 | 176.2 | 176.2 | 176.2 | 176.2 | 176.9 |
| 122.5° | 188.3 | 188.4 | 188.6 | 188.8 | 189.0 | 189.1 | 189.3 | 189.6 | 189.8 | 190.0 | 190.4 |
| 125° | 208.3 | 208.4 | 208.5 | 208.6 | 208.6 | 208.8 | 209.0 | 209.3 | 209.5 | 209.7 | 210.1 |
| 127.5° | 226.6 | 226.9 | 227.1 | 227.4 | 227.6 | 227.9 | 228.2 | 228.5 | 228.7 | 229.0 | 229.3 |
| 130° | 239.7 | 240.0 | 240.3 | 240.8 | 241.1 | 241.3 | 241.5 | 241.6 | 241.8 | 241.9 | 242.1 |
| 132.5° | 252.4 | 252.6 | 252.9 | 253.1 | 253.4 | 253.7 | 254.0 | 254.3 | 254.7 | 255.0 | 255.0 |
| 135° | 271.9 | 272.2 | 272.4 | 272.6 | 272.9 | 273.0 | 273.1 | 273.2 | 273.2 | 273.3 | 273.2 |
| 137.5° | 289.5 | 289.9 | 290.2 | 290.5 | 290.8 | 291.0 | 291.0 | 291.1 | 291.2 | 291.2 | 291.0 |
| 140° | 301.8 | 302.2 | 302.5 | 302.8 | 303.1 | 303.3 | 303.3 | 303.3 | 303.3 | 303.3 | 302.9 |
| 142.5° | 313.0 | 313.3 | 313.6 | 314.0 | 314.3 | 314.4 | 314.3 | 314.3 | 314.2 | 314.1 | 313.9 |
| 145° | 329.6 | 330.0 | 330.3 | 330.6 | 330.9 | 331.0 | 330.9 | 330.9 | 330.8 | 330.7 | 330.2 |
| 147.5° | 344.6 | 344.9 | 345.2 | 345.5 | 345.8 | 345.9 | 345.7 | 345.5 | 345.4 | 345.2 | 344.9 |
| 150° | 354.3 | 354.6 | 354.8 | 355.0 | 355.3 | 355.3 | 355.0 | 354.8 | 354.6 | 354.3 | 354.0 |
| 152.5° | 363.5 | 363.8 | 364.1 | 364.4 | 364.7 | 364.7 | 364.4 | 364.1 | 363.8 | 363.5 | 363.0 |
| 155° | 375.7 | 376.0 | 376.2 | 376.4 | 376.7 | 376.6 | 376.2 | 375.8 | 375.4 | 375.0 | 374.8 |
| 157.5° | 386.3 | 386.7 | 387.0 | 387.4 | 387.8 | 387.7 | 387.2 | 386.6 | 386.1 | 385.6 | 385.4 |
| 160° | 392.8 | 393.1 | 393.4 | 393.7 | 394.0 | 394.0 | 393.5 | 393.0 | 392.5 | 392.1 | 392.0 |
| 162.5° | 398.5 | 398.9 | 399.3 | 399.7 | 400.0 | 400.0 | 399.4 | 398.9 | 398.4 | 397.8 | 397.8 |
| 165° | 406.1 | 406.4 | 406.8 | 407.2 | 407.6 | 407.5 | 407.0 | 406.4 | 405.9 | 405.3 | 405.3 |
| 167.5° | 412.1 | 412.5 | 412.9 | 413.4 | 413.8 | 413.7 | 413.1 | 412.6 | 412.0 | 411.5 | 411.5 |
| 170° | 415.3 | 415.8 | 416.3 | 416.8 | 417.2 | 417.2 | 416.6 | 416.1 | 415.5 | 415.0 | 415.1 |
| 172.5° | 417.9 | 418.4 | 418.8 | 419.3 | 419.8 | 419.7 | 419.2 | 418.6 | 418.1 | 417.5 | 417.6 |
| 175° | 420.6 | 421.1 | 421.6 | 422.1 | 422.5 | 422.5 | 421.9 | 421.4 | 420.8 | 420.3 | 420.4 |
| 177.5° | 421.9 | 422.3 | 422.7 | 423.0 | 423.4 | 423.4 | 423.0 | 422.7 | 422.3 | 421.9 | 422.0 |
| 180° | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5° | 2280.5 | 2275.4 | 2271.2 | 2260.0 | 2254.4 | 2242.0 | 2240.2 | 2239.6 | 2223.5 | 2208.0 | 2203.6 |
| 5° | 2358.7 | 2346.3 | 2327.8 | 2306.1 | 2283.7 | 2260.5 | 2245.0 | 2232.6 | 2201.6 | 2172.2 | 2155.3 |
| 7.5° | 2437.7 | 2411.1 | 2379.0 | 2338.0 | 2303.8 | 2265.4 | 2237.0 | 2211.4 | 2167.5 | 2125.4 | 2097.0 |
| 10° | 2496.5 | 2453.2 | 2410.5 | 2354.1 | 2310.0 | 2266.6 | 2226.4 | 2191.6 | 2142.0 | 2086.4 | 2046.9 |
| 12.5° | 2533.0 | 2485.4 | 2426.7 | 2371.5 | 2314.3 | 2259.3 | 2205.3 | 2160.6 | 2102.4 | 2044.9 | 1998.0 |
| 15° | 2582.4 | 2531.3 | 2460.1 | 2381.2 | 2307.6 | 2235.7 | 2173.8 | 2118.1 | 2042.3 | 1973.4 | 1916.1 |
| 17.5° | 2622.8 | 2552.5 | 2476.1 | 2384.8 | 2299.7 | 2208.2 | 2128.5 | 2057.3 | 1972.9 | 1889.8 | 1822.3 |
| 20° | 2635.7 | 2566.2 | 2477.9 | 2386.6 | 2286.0 | 2178.5 | 2092.5 | 2015.2 | 1924.6 | 1834.0 | 1756.7 |
| 22.5° | 2627.8 | 2573.5 | 2475.5 | 2366.2 | 2263.1 | 2150.6 | 2053.6 | 1963.8 | 1863.3 | 1770.9 | 1681.1 |
| 25° | 2573.1 | 2554.6 | 2461.6 | 2342.5 | 2224.8 | 2094.1 | 1981.9 | 1883.6 | 1769.1 | 1670.0 | 1572.5 |
| 27.5° | 2445.7 | 2485.8 | 2428.2 | 2301.3 | 2170.5 | 2030.3 | 1904.2 | 1792.3 | 1673.4 | 1562.0 | 1464.8 |
| 30° | 2323.2 | 2415.2 | 2390.5 | 2272.8 | 2126.6 | 1988.8 | 1847.2 | 1730.4 | 1603.5 | 1488.9 | 1393.0 |
| 32.5° | 2155.4 | 2307.5 | 2331.7 | 2233.2 | 2082.0 | 1930.7 | 1782.2 | 1666.0 | 1533.5 | 1412.8 | 1319.3 |
| 35° | 1888.2 | 2115.8 | 2220.2 | 2157.6 | 2005.9 | 1842.6 | 1689.3 | 1553.9 | 1420.8 | 1301.6 | 1208.8 |
| 37.5° | 1569.5 | 1879.5 | 2053.6 | 2058.0 | 1918.7 | 1749.0 | 1582.1 | 1447.6 | 1311.4 | 1194.4 | 1094.0 |
| 40° | 1362.8 | 1698.6 | 1925.4 | 1975.7 | 1858.1 | 1674.7 | 1505.9 | 1369.0 | 1235.9 | 1121.4 | 1006.0 |
| 42.5° | 1177.1 | 1511.7 | 1790.4 | 1877.8 | 1784.4 | 1602.3 | 1432.9 | 1289.7 | 1160.3 | 1052.0 | 934.2 |
| 45° | 951.9 | 1244.4 | 1551.6 | 1707.9 | 1656.1 | 1487.3 | 1308.6 | 1172.5 | 1050.9 | 957.3 | 844.2 |
| 47.5° | 802.9 | 1009.2 | 1306.5 | 1517.8 | 1516.9 | 1362.9 | 1187.1 | 1056.6 | 943.9 | 856.2 | 764.8 |
| 50° | 718.1 | 897.7 | 1149.2 | 1389.1 | 1409.2 | 1280.0 | 1112.8 | 983.6 | 878.4 | 786.3 | 712.8 |
| 52.5° | 642.0 | 789.9 | 1016.1 | 1246.1 | 1303.3 | 1191.4 | 1029.3 | 909.9 | 807.8 | 723.1 | 660.1 |
| 55° | 542.5 | 657.0 | 828.8 | 1043.9 | 1130.6 | 1051.7 | 907.8 | 796.3 | 713.5 | 642.3 | 588.1 |
| 57.5° | 458.9 | 544.8 | 682.7 | 855.9 | 956.8 | 907.2 | 788.4 | 697.9 | 627.0 | 562.6 | 519.9 |
| 60° | 406.3 | 476.7 | 593.6 | 738.3 | 849.7 | 814.9 | 713.5 | 629.1 | 568.8 | 513.1 | 472.8 |
| 62.5° | 356.8 | 417.3 | 517.5 | 634.9 | 737.0 | 722.7 | 639.9 | 569.1 | 516.1 | 465.4 | 431.3 |
| 65° | 287.1 | 331.2 | 409.4 | 501.5 | 583.5 | 590.5 | 530.9 | 482.9 | 435.7 | 395.5 | 365.3 |
| 67.5° | 228.6 | 257.4 | 312.5 | 390.0 | 451.5 | 473.4 | 437.1 | 400.4 | 362.9 | 331.8 | 305.7 |
| 70° | 192.7 | 215.9 | 256.1 | 318.8 | 375.4 | 398.5 | 377.7 | 349.0 | 316.5 | 290.9 | 268.5 |
| 72.5° | 156.1 | 178.7 | 208.4 | 254.5 | 302.9 | 328.0 | 320.7 | 300.1 | 273.8 | 252.6 | 231.4 |
| 75° | 117.6 | 124.6 | 144.7 | 175.7 | 213.6 | 235.3 | 240.7 | 229.8 | 208.9 | 192.7 | 180.3 |
| 77.5° | 86.9 | 91.2 | 100.8 | 117.0 | 141.8 | 161.1 | 169.1 | 167.7 | 153.4 | 143.9 | 132.3 |
| 80° | 69.7 | 72.0 | 76.6 | 83.6 | 102.2 | 121.5 | 126.9 | 126.9 | 116.8 | 113.0 | 101.4 |
| 82.5° | 52.9 | 54.6 | 57.5 | 61.3 | 70.0 | 86.8 | 92.9 | 94.1 | 87.8 | 82.6 | 73.5 |
| 85° | 30.2 | 29.4 | 31.0 | 33.3 | 34.8 | 39.5 | 48.8 | 50.3 | 48.8 | 42.5 | 40.2 |
| 87.5° | 12.3 | 12.6 | 12.2 | 11.3 | 11.8 | 12.2 | 15.1 | 18.0 | 15.8 | 14.0 | 13.0 |
| 90° | 9.0 | 7.3 | 5.6 | 4.1 | 3.2 | 2.2 | 1.3 | 0.4 | 1.3 | 2.2 | 3.2 |
| 92.5° | 10.5 | 10.1 | 9.7 | 9.2 | 8.5 | 7.8 | 7.1 | 6.4 | 7.1 | 7.8 | 8.5 |
| 95° | 22.5 | 22.3 | 22.2 | 21.7 | 20.9 | 20.1 | 19.4 | 18.6 | 19.4 | 20.1 | 20.9 |
| 97.5° | 37.8 | 37.5 | 37.2 | 36.7 | 36.0 | 35.2 | 34.6 | 33.9 | 34.6 | 35.2 | 36.0 |
| 100° | 48.8 | 48.5 | 48.3 | 47.9 | 47.3 | 46.6 | 45.9 | 45.3 | 45.9 | 46.6 | 47.3 |
| 102.5° | 60.3 | 60.0 | 59.8 | 59.3 | 58.8 | 58.3 | 57.8 | 57.3 | 57.8 | 58.3 | 58.8 |
| 105° | 78.2 | 78.1 | 77.9 | 77.7 | 77.5 | 77.2 | 77.0 | 76.7 | 77.0 | 77.2 | 77.5 |
| 107.5° | 97.9 | 97.9 | 97.9 | 97.7 | 97.4 | 96.9 | 96.6 | 96.2 | 96.6 | 96.9 | 97.4 |
| 110° | 111.0 | 111.0 | 111.0 | 110.7 | 110.3 | 109.8 | 109.3 | 108.9 | 109.3 | 109.8 | 110.3 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 124.5 | 124.5 | 124.6 | 124.4 | 123.9 | 123.5 | 123.0 | 122.5 | 123.0 | 123.5 | 123.9 |
| 115° | 144.4 | 144.6 | 144.8 | 144.6 | 144.1 | 143.7 | 143.2 | 142.7 | 143.2 | 143.7 | 144.1 |
| 117.5° | 164.6 | 165.0 | 165.5 | 165.4 | 164.7 | 164.1 | 163.5 | 162.8 | 163.5 | 164.1 | 164.7 |
| 120° | 177.5 | 178.1 | 178.7 | 178.7 | 178.1 | 177.5 | 176.9 | 176.2 | 176.9 | 177.5 | 178.1 |
| 122.5° | 190.9 | 191.3 | 191.8 | 191.6 | 190.8 | 190.1 | 189.2 | 188.5 | 189.2 | 190.1 | 190.8 |
| 125° | 210.3 | 210.5 | 210.8 | 210.5 | 209.7 | 209.0 | 208.3 | 207.6 | 208.3 | 209.0 | 209.7 |
| 127.5° | 229.6 | 229.9 | 230.1 | 229.8 | 228.9 | 228.1 | 227.2 | 226.3 | 227.2 | 228.1 | 228.9 |
| 130° | 242.3 | 242.4 | 242.6 | 242.1 | 241.1 | 240.0 | 239.0 | 238.0 | 239.0 | 240.0 | 241.1 |
| 132.5° | 255.0 | 254.9 | 254.9 | 254.5 | 253.6 | 252.8 | 252.0 | 251.2 | 252.0 | 252.8 | 253.6 |
| 135° | 273.0 | 272.9 | 272.7 | 272.2 | 271.2 | 270.4 | 269.5 | 268.6 | 269.5 | 270.4 | 271.2 |
| 137.5° | 290.8 | 290.6 | 290.4 | 290.0 | 289.3 | 288.5 | 287.8 | 287.1 | 287.8 | 288.5 | 289.3 |
| 140° | 302.5 | 302.1 | 301.6 | 301.1 | 300.4 | 299.7 | 299.0 | 298.3 | 299.0 | 299.7 | 300.4 |
| 142.5° | 313.6 | 313.3 | 313.1 | 312.6 | 311.8 | 311.1 | 310.4 | 309.7 | 310.4 | 311.1 | 311.8 |
| 145° | 329.8 | 329.3 | 328.8 | 328.3 | 327.8 | 327.2 | 326.7 | 326.1 | 326.7 | 327.2 | 327.8 |
| 147.5° | 344.6 | 344.2 | 343.9 | 343.4 | 342.7 | 342.0 | 341.4 | 340.7 | 341.4 | 342.0 | 342.7 |
| 150° | 353.7 | 353.4 | 353.0 | 352.6 | 352.1 | 351.6 | 351.2 | 350.7 | 351.2 | 351.6 | 352.1 |
| 152.5° | 362.6 | 362.2 | 361.9 | 361.4 | 361.0 | 360.5 | 360.0 | 359.6 | 360.0 | 360.5 | 361.0 |
| 155° | 374.5 | 374.3 | 374.1 | 373.8 | 373.5 | 373.3 | 373.0 | 372.8 | 373.0 | 373.3 | 373.5 |
| 157.5° | 385.3 | 385.2 | 385.0 | 384.9 | 384.7 | 384.5 | 384.4 | 384.2 | 384.4 | 384.5 | 384.7 |
| 160° | 391.9 | 391.8 | 391.8 | 391.6 | 391.5 | 391.3 | 391.2 | 391.0 | 391.2 | 391.3 | 391.5 |
| 162.5° | 397.7 | 397.6 | 397.5 | 397.5 | 397.4 | 397.4 | 397.4 | 397.3 | 397.4 | 397.4 | 397.4 |
| 165° | 405.3 | 405.3 | 405.3 | 405.4 | 405.5 | 405.5 | 405.6 | 405.7 | 405.6 | 405.5 | 405.5 |
| 167.5° | 411.5 | 411.5 | 411.6 | 411.7 | 411.9 | 412.2 | 412.4 | 412.6 | 412.4 | 412.2 | 411.9 |
| 170° | 415.1 | 415.2 | 415.3 | 415.5 | 415.7 | 415.9 | 416.2 | 416.4 | 416.2 | 415.9 | 415.7 |
| 172.5° | 417.7 | 417.8 | 417.8 | 418.0 | 418.2 | 418.5 | 418.7 | 418.9 | 418.7 | 418.5 | 418.2 |
| 175° | 420.6 | 420.8 | 420.9 | 421.1 | 421.3 | 421.6 | 421.8 | 422.1 | 421.8 | 421.6 | 421.3 |
| 177.5° | 422.2 | 422.3 | 422.4 | 422.6 | 422.8 | 422.9 | 423.1 | 423.3 | 423.1 | 422.9 | 422.8 |
| 180° | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5° | 2195.6 | 2191.3 | 2183.2 | 2170.8 | 2163.4 | 2150.4 | 2141.7 | 2146.7 | 2148.0 | 2146.7 | 2145.5 |
| 5° | 2136.7 | 2120.4 | 2098.0 | 2076.3 | 2056.2 | 2034.5 | 2022.2 | 2016.7 | 2005.9 | 1999.6 | 1996.6 |
| 7.5° | 2065.3 | 2037.3 | 2005.6 | 1967.8 | 1935.7 | 1902.2 | 1885.0 | 1876.4 | 1854.3 | 1842.3 | 1831.7 |
| 10° | 2012.1 | 1967.9 | 1936.2 | 1886.7 | 1856.5 | 1812.4 | 1782.2 | 1783.0 | 1752.8 | 1735.8 | 1723.4 |
| 12.5° | 1953.3 | 1904.8 | 1852.0 | 1807.5 | 1765.5 | 1730.1 | 1693.6 | 1679.0 | 1647.0 | 1630.5 | 1597.1 |
| 15° | 1855.7 | 1799.3 | 1743.5 | 1683.1 | 1640.6 | 1585.7 | 1533.1 | 1468.8 | 1416.9 | 1372.1 | 1359.7 |
| 17.5° | 1749.3 | 1679.3 | 1623.5 | 1552.6 | 1479.7 | 1387.3 | 1326.3 | 1289.0 | 1257.7 | 1234.1 | 1216.4 |
| 20° | 1676.2 | 1605.0 | 1545.4 | 1438.7 | 1340.3 | 1277.7 | 1232.7 | 1204.2 | 1171.6 | 1146.1 | 1132.2 |
| 22.5° | 1599.4 | 1525.1 | 1443.9 | 1324.7 | 1248.1 | 1197.8 | 1157.8 | 1124.9 | 1102.9 | 1083.0 | 1070.3 |
| 25° | 1490.5 | 1409.2 | 1275.4 | 1193.3 | 1131.4 | 1078.7 | 1050.9 | 1030.8 | 1007.5 | 980.5 | 968.2 |
| 27.5° | 1375.3 | 1246.1 | 1149.9 | 1088.9 | 1029.9 | 995.6 | 970.6 | 940.6 | 919.8 | 907.6 | 894.7 |
| 30° | 1289.3 | 1160.0 | 1085.0 | 1018.4 | 976.6 | 938.7 | 909.3 | 892.3 | 872.1 | 851.2 | 842.7 |
| 32.5° | 1193.3 | 1090.0 | 1018.1 | 962.7 | 920.3 | 888.0 | 864.7 | 837.2 | 822.6 | 809.8 | 791.9 |
| 35° | 1074.1 | 995.9 | 930.2 | 885.3 | 845.1 | 818.8 | 791.6 | 775.4 | 749.1 | 738.3 | 731.3 |
| 37.5° | 973.2 | 905.4 | 856.4 | 809.0 | 777.1 | 748.0 | 731.4 | 705.6 | 694.2 | 679.1 | 664.5 |
| 40° | 916.3 | 849.7 | 802.5 | 763.8 | 728.2 | 706.5 | 685.6 | 664.8 | 647.7 | 640.8 | 623.0 |
| 42.5° | 858.1 | 803.9 | 756.7 | 714.3 | 690.4 | 667.5 | 641.1 | 625.7 | 608.1 | 596.8 | 585.8 |
| 45° | 777.7 | 729.7 | 689.5 | 654.7 | 628.3 | 604.4 | 587.3 | 561.8 | 551.8 | 529.4 | 520.1 |
| 47.5° | 707.2 | 662.6 | 624.2 | 591.1 | 565.4 | 549.8 | 524.8 | 504.8 | 488.8 | 475.0 | 463.1 |
| 50° | 657.0 | 619.9 | 582.7 | 553.3 | 530.1 | 507.7 | 482.1 | 472.0 | 447.3 | 440.3 | 433.3 |
| 52.5° | 611.2 | 575.9 | 541.9 | 513.1 | 489.9 | 468.1 | 445.6 | 432.4 | 415.8 | 408.8 | 403.6 |
| 55° | 547.1 | 513.1 | 480.6 | 455.0 | 431.8 | 409.4 | 395.5 | 379.2 | 371.4 | 366.1 | 359.8 |
| 57.5° | 482.7 | 452.1 | 427.2 | 401.3 | 378.0 | 360.1 | 344.1 | 334.3 | 326.3 | 319.1 | 311.7 |
| 60° | 441.9 | 412.4 | 390.0 | 366.1 | 342.0 | 327.3 | 315.0 | 303.4 | 294.1 | 283.3 | 280.1 |
| 62.5° | 398.5 | 372.8 | 352.2 | 328.9 | 308.0 | 294.6 | 282.8 | 271.8 | 260.6 | 244.9 | 240.5 |
| 65° | 338.9 | 318.8 | 297.2 | 277.8 | 259.2 | 246.1 | 229.0 | 216.7 | 212.1 | 210.5 | 209.7 |
| 67.5° | 285.1 | 266.1 | 247.5 | 227.6 | 210.8 | 198.5 | 190.0 | 188.0 | 184.8 | 183.9 | 181.7 |
| 70° | 249.2 | 231.4 | 212.8 | 194.2 | 178.0 | 175.7 | 172.6 | 169.5 | 165.6 | 164.1 | 162.5 |
| 72.5° | 217.0 | 198.5 | 180.0 | 165.1 | 158.1 | 155.2 | 152.2 | 149.1 | 146.4 | 144.9 | 143.9 |
| 75° | 166.4 | 149.4 | 136.9 | 131.6 | 127.6 | 125.3 | 120.7 | 118.4 | 116.8 | 114.5 | 113.7 |
| 77.5° | 119.8 | 110.2 | 104.5 | 101.1 | 97.0 | 94.5 | 91.9 | 89.6 | 88.0 | 87.5 | 86.2 |
| 80° | 91.3 | 86.6 | 82.8 | 78.2 | 76.6 | 73.5 | 72.7 | 70.4 | 71.2 | 68.9 | 68.9 |
| 82.5° | 70.9 | 65.0 | 61.8 | 59.6 | 58.1 | 55.5 | 54.8 | 53.7 | 53.8 | 52.1 | 52.1 |
| 85° | 36.4 | 34.8 | 33.3 | 31.7 | 31.7 | 29.4 | 30.2 | 29.4 | 29.4 | 27.9 | 27.1 |
| 87.5° | 12.6 | 12.2 | 11.3 | 11.7 | 12.0 | 11.8 | 11.7 | 11.1 | 11.1 | 11.0 | 10.4 |
| 90° | 4.1 | 5.6 | 7.3 | 9.0 | 10.7 | 12.5 | 12.3 | 12.2 | 12.0 | 11.8 | 11.8 |
| 92.5° | 9.2 | 9.7 | 10.1 | 10.5 | 10.9 | 11.3 | 11.4 | 11.4 | 11.4 | 11.5 | 11.5 |
| 95° | 21.7 | 22.2 | 22.3 | 22.5 | 22.7 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.7 |
| 97.5° | 36.7 | 37.2 | 37.5 | 37.8 | 38.1 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 |
| 100° | 47.9 | 48.3 | 48.5 | 48.8 | 49.0 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.2 |
| 102.5° | 59.3 | 59.8 | 60.0 | 60.3 | 60.6 | 60.9 | 61.0 | 61.1 | 61.1 | 61.2 | 61.2 |
| 105° | 77.7 | 77.9 | 78.1 | 78.2 | 78.4 | 78.5 | 78.7 | 78.8 | 79.0 | 79.2 | 79.2 |
| 107.5° | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.1 | 98.1 | 98.0 |
| 110° | 110.7 | 111.0 | 111.0 | 111.0 | 111.0 | 111.0 | 111.0 | 111.0 | 111.0 | 111.0 | 110.9 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 124.4 | 124.6 | 124.5 | 124.5 | 124.4 | 124.4 | 124.2 | 124.0 | 123.8 | 123.6 | 123.4 |
| 115° | 144.6 | 144.8 | 144.6 | 144.4 | 144.3 | 144.1 | 144.1 | 144.0 | 143.9 | 143.8 | 143.7 |
| 117.5° | 165.4 | 165.5 | 165.0 | 164.6 | 164.1 | 163.7 | 163.5 | 163.3 | 163.1 | 162.9 | 162.7 |
| 120° | 178.7 | 178.7 | 178.1 | 177.5 | 176.9 | 176.2 | 176.2 | 176.2 | 176.2 | 176.2 | 176.1 |
| 122.5° | 191.6 | 191.8 | 191.3 | 190.9 | 190.4 | 190.0 | 189.8 | 189.6 | 189.3 | 189.1 | 189.0 |
| 125° | 210.5 | 210.8 | 210.5 | 210.3 | 210.1 | 209.7 | 209.5 | 209.3 | 209.0 | 208.8 | 208.6 |
| 127.5° | 229.8 | 230.1 | 229.9 | 229.6 | 229.3 | 229.0 | 228.7 | 228.5 | 228.2 | 227.9 | 227.6 |
| 130° | 242.1 | 242.6 | 242.4 | 242.3 | 242.1 | 241.9 | 241.8 | 241.6 | 241.5 | 241.3 | 241.1 |
| 132.5° | 254.5 | 254.9 | 254.9 | 255.0 | 255.0 | 255.0 | 254.7 | 254.3 | 254.0 | 253.7 | 253.4 |
| 135° | 272.2 | 272.7 | 272.9 | 273.0 | 273.2 | 273.3 | 273.2 | 273.2 | 273.1 | 273.0 | 272.9 |
| 137.5° | 290.0 | 290.4 | 290.6 | 290.8 | 291.0 | 291.2 | 291.2 | 291.1 | 291.0 | 291.0 | 290.8 |
| 140° | 301.1 | 301.6 | 302.1 | 302.5 | 302.9 | 303.3 | 303.3 | 303.3 | 303.3 | 303.3 | 303.1 |
| 142.5° | 312.6 | 313.1 | 313.3 | 313.6 | 313.9 | 314.1 | 314.2 | 314.3 | 314.3 | 314.4 | 314.3 |
| 145° | 328.3 | 328.8 | 329.3 | 329.8 | 330.2 | 330.7 | 330.8 | 330.9 | 330.9 | 331.0 | 330.9 |
| 147.5° | 343.4 | 343.9 | 344.2 | 344.6 | 344.9 | 345.2 | 345.4 | 345.5 | 345.7 | 345.9 | 345.8 |
| 150° | 352.6 | 353.0 | 353.4 | 353.7 | 354.0 | 354.3 | 354.6 | 354.8 | 355.0 | 355.3 | 355.3 |
| 152.5° | 361.4 | 361.9 | 362.2 | 362.6 | 363.0 | 363.5 | 363.8 | 364.1 | 364.4 | 364.7 | 364.7 |
| 155° | 373.8 | 374.1 | 374.3 | 374.5 | 374.8 | 375.0 | 375.4 | 375.8 | 376.2 | 376.6 | 376.7 |
| 157.5° | 384.9 | 385.0 | 385.2 | 385.3 | 385.4 | 385.6 | 386.1 | 386.6 | 387.2 | 387.7 | 387.8 |
| 160° | 391.6 | 391.8 | 391.8 | 391.9 | 392.0 | 392.1 | 392.5 | 393.0 | 393.5 | 394.0 | 394.0 |
| 162.5° | 397.5 | 397.5 | 397.6 | 397.7 | 397.8 | 397.8 | 398.4 | 398.9 | 399.4 | 400.0 | 400.0 |
| 165° | 405.4 | 405.3 | 405.3 | 405.3 | 405.3 | 405.3 | 405.9 | 406.4 | 407.0 | 407.5 | 407.6 |
| 167.5° | 411.7 | 411.6 | 411.5 | 411.5 | 411.5 | 411.5 | 412.0 | 412.6 | 413.1 | 413.7 | 413.8 |
| 170° | 415.5 | 415.3 | 415.2 | 415.1 | 415.1 | 415.0 | 415.5 | 416.1 | 416.6 | 417.2 | 417.2 |
| 172.5° | 418.0 | 417.8 | 417.8 | 417.7 | 417.6 | 417.5 | 418.1 | 418.6 | 419.2 | 419.7 | 419.8 |
| 175° | 421.1 | 420.9 | 420.8 | 420.6 | 420.4 | 420.3 | 420.8 | 421.4 | 421.9 | 422.5 | 422.5 |
| 177.5° | 422.6 | 422.4 | 422.3 | 422.2 | 422.0 | 421.9 | 422.3 | 422.7 | 423.0 | 423.4 | 423.4 |
| 180° | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5° | 2138.7 | 2139.9 | 2138.1 | 2139.3 | 2138.1 | 2139.9 | 2138.7 | 2145.5 | 2146.7 | 2148.0 | 2146.7 |
| 5° | 1992.7 | 1983.4 | 1981.9 | 1979.5 | 1981.9 | 1983.4 | 1992.7 | 1996.6 | 1999.6 | 2005.9 | 2016.7 |
| 7.5° | 1818.5 | 1817.1 | 1813.2 | 1807.8 | 1813.2 | 1817.1 | 1818.5 | 1831.7 | 1842.3 | 1854.3 | 1876.4 |
| 10° | 1706.4 | 1702.5 | 1701.7 | 1696.3 | 1701.7 | 1702.5 | 1706.4 | 1723.4 | 1735.8 | 1752.8 | 1783.0 |
| 12.5° | 1575.1 | 1550.2 | 1547.6 | 1534.1 | 1547.6 | 1550.2 | 1575.1 | 1597.1 | 1630.5 | 1647.0 | 1679.0 |
| 15° | 1341.1 | 1336.5 | 1321.0 | 1310.9 | 1321.0 | 1336.5 | 1341.1 | 1359.7 | 1372.1 | 1416.9 | 1468.8 |
| 17.5° | 1207.4 | 1192.2 | 1187.4 | 1185.3 | 1187.4 | 1192.2 | 1207.4 | 1216.4 | 1234.1 | 1257.7 | 1289.0 |
| 20° | 1121.4 | 1107.4 | 1105.1 | 1103.6 | 1105.1 | 1107.4 | 1121.4 | 1132.2 | 1146.1 | 1171.6 | 1204.2 |
| 22.5° | 1061.9 | 1047.3 | 1041.3 | 1036.6 | 1041.3 | 1047.3 | 1061.9 | 1070.3 | 1083.0 | 1102.9 | 1124.9 |
| 25° | 960.4 | 954.9 | 951.9 | 950.3 | 951.9 | 954.9 | 960.4 | 968.2 | 980.5 | 1007.5 | 1030.8 |
| 27.5° | 881.0 | 869.1 | 866.8 | 862.7 | 866.8 | 869.1 | 881.0 | 894.7 | 907.6 | 919.8 | 940.6 |
| 30° | 835.8 | 831.9 | 826.5 | 821.8 | 826.5 | 831.9 | 835.8 | 842.7 | 851.2 | 872.1 | 892.3 |
| 32.5° | 782.5 | 779.3 | 774.5 | 772.3 | 774.5 | 779.3 | 782.5 | 791.9 | 809.8 | 822.6 | 837.2 |
| 35° | 723.6 | 712.8 | 708.1 | 701.1 | 708.1 | 712.8 | 723.6 | 731.3 | 738.3 | 749.1 | 775.4 |
| 37.5° | 661.2 | 655.5 | 648.9 | 651.3 | 648.9 | 655.5 | 661.2 | 664.5 | 679.1 | 694.2 | 705.6 |
| 40° | 612.9 | 609.0 | 607.5 | 606.7 | 607.5 | 609.0 | 612.9 | 623.0 | 640.8 | 647.7 | 664.8 |
| 42.5° | 574.5 | 563.8 | 559.8 | 559.7 | 559.8 | 563.8 | 574.5 | 585.8 | 596.8 | 608.1 | 625.7 |
| 45° | 516.1 | 506.1 | 499.2 | 499.9 | 499.2 | 506.1 | 516.1 | 520.1 | 529.4 | 551.8 | 561.8 |
| 47.5° | 456.5 | 456.2 | 451.8 | 453.1 | 451.8 | 456.2 | 456.5 | 463.1 | 475.0 | 488.8 | 504.8 |
| 50° | 428.0 | 423.3 | 420.2 | 421.0 | 420.2 | 423.3 | 428.0 | 433.3 | 440.3 | 447.3 | 472.0 |
| 52.5° | 400.7 | 396.7 | 394.3 | 397.5 | 394.3 | 396.7 | 400.7 | 403.6 | 408.8 | 415.8 | 432.4 |
| 55° | 356.0 | 351.3 | 350.5 | 349.8 | 350.5 | 351.3 | 356.0 | 359.8 | 366.1 | 371.4 | 379.2 |
| 57.5° | 306.0 | 302.9 | 298.2 | 296.2 | 298.2 | 302.9 | 306.0 | 311.7 | 319.1 | 326.3 | 334.3 |
| 60° | 270.0 | 263.9 | 256.1 | 255.4 | 256.1 | 263.9 | 270.0 | 280.1 | 283.3 | 294.1 | 303.4 |
| 62.5° | 237.2 | 236.0 | 234.5 | 234.3 | 234.5 | 236.0 | 237.2 | 240.5 | 244.9 | 260.6 | 271.8 |
| 65° | 208.1 | 207.4 | 208.1 | 208.9 | 208.1 | 207.4 | 208.1 | 209.7 | 210.5 | 212.1 | 216.7 |
| 67.5° | 181.4 | 180.0 | 178.6 | 179.3 | 178.6 | 180.0 | 181.4 | 181.7 | 183.9 | 184.8 | 188.0 |
| 70° | 161.0 | 160.2 | 159.5 | 159.5 | 159.5 | 160.2 | 161.0 | 162.5 | 164.1 | 165.6 | 169.5 |
| 72.5° | 141.2 | 141.0 | 140.3 | 139.6 | 140.3 | 141.0 | 141.2 | 143.9 | 144.9 | 146.4 | 149.1 |
| 75° | 113.0 | 111.4 | 111.4 | 111.4 | 111.4 | 111.4 | 113.0 | 113.7 | 114.5 | 116.8 | 118.4 |
| 77.5° | 86.0 | 85.2 | 84.5 | 83.9 | 84.5 | 85.2 | 86.0 | 86.2 | 87.5 | 88.0 | 89.6 |
| 80° | 68.1 | 67.4 | 66.6 | 66.6 | 66.6 | 67.4 | 68.1 | 68.9 | 68.9 | 71.2 | 70.4 |
| 82.5° | 52.0 | 51.2 | 51.1 | 50.5 | 51.1 | 51.2 | 52.0 | 52.1 | 52.1 | 53.8 | 53.7 |
| 85° | 27.9 | 28.7 | 27.9 | 29.4 | 27.9 | 28.7 | 27.9 | 27.1 | 27.9 | 29.4 | 29.4 |
| 87.5° | 10.4 | 9.8 | 10.5 | 9.9 | 10.5 | 9.8 | 10.4 | 10.4 | 11.0 | 11.1 | 11.1 |
| 90° | 11.9 | 12.0 | 12.0 | 12.1 | 12.0 | 12.0 | 11.9 | 11.8 | 11.8 | 12.0 | 12.2 |
| 92.5° | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.4 | 11.4 |
| 95° | 22.6 | 22.4 | 22.3 | 22.1 | 22.3 | 22.4 | 22.6 | 22.7 | 22.8 | 22.8 | 22.8 |
| 97.5° | 38.4 | 38.4 | 38.4 | 38.3 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 |
| 100° | 49.1 | 49.1 | 49.0 | 48.9 | 49.0 | 49.1 | 49.1 | 49.2 | 49.3 | 49.3 | 49.3 |
| 102.5° | 61.1 | 61.0 | 61.0 | 60.9 | 61.0 | 61.0 | 61.1 | 61.2 | 61.2 | 61.1 | 61.1 |
| 105° | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.0 | 78.8 |
| 107.5° | 97.6 | 97.3 | 96.8 | 96.4 | 96.8 | 97.3 | 97.6 | 98.0 | 98.1 | 98.1 | 98.0 |
| 110° | 110.6 | 110.4 | 110.2 | 109.9 | 110.2 | 110.4 | 110.6 | 110.9 | 111.0 | 111.0 | 111.0 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 123.3 | 123.1 | 122.9 | 122.7 | 122.9 | 123.1 | 123.3 | 123.4 | 123.6 | 123.8 | 124.0 |
| 115° | 143.4 | 143.2 | 143.0 | 142.7 | 143.0 | 143.2 | 143.4 | 143.7 | 143.8 | 143.9 | 144.0 |
| 117.5° | 162.5 | 162.3 | 162.0 | 161.8 | 162.0 | 162.3 | 162.5 | 162.7 | 162.9 | 163.1 | 163.3 |
| 120° | 175.9 | 175.6 | 175.4 | 175.2 | 175.4 | 175.6 | 175.9 | 176.1 | 176.2 | 176.2 | 176.2 |
| 122.5° | 188.8 | 188.6 | 188.4 | 188.3 | 188.4 | 188.6 | 188.8 | 189.0 | 189.1 | 189.3 | 189.6 |
| 125° | 208.6 | 208.5 | 208.4 | 208.3 | 208.4 | 208.5 | 208.6 | 208.6 | 208.8 | 209.0 | 209.3 |
| 127.5° | 227.4 | 227.1 | 226.9 | 226.6 | 226.9 | 227.1 | 227.4 | 227.6 | 227.9 | 228.2 | 228.5 |
| 130° | 240.8 | 240.3 | 240.0 | 239.7 | 240.0 | 240.3 | 240.8 | 241.1 | 241.3 | 241.5 | 241.6 |
| 132.5° | 253.1 | 252.9 | 252.6 | 252.4 | 252.6 | 252.9 | 253.1 | 253.4 | 253.7 | 254.0 | 254.3 |
| 135° | 272.6 | 272.4 | 272.2 | 271.9 | 272.2 | 272.4 | 272.6 | 272.9 | 273.0 | 273.1 | 273.2 |
| 137.5° | 290.5 | 290.2 | 289.9 | 289.5 | 289.9 | 290.2 | 290.5 | 290.8 | 291.0 | 291.0 | 291.1 |
| 140° | 302.8 | 302.5 | 302.2 | 301.8 | 302.2 | 302.5 | 302.8 | 303.1 | 303.3 | 303.3 | 303.3 |
| 142.5° | 314.0 | 313.6 | 313.3 | 313.0 | 313.3 | 313.6 | 314.0 | 314.3 | 314.4 | 314.3 | 314.3 |
| 145° | 330.6 | 330.3 | 330.0 | 329.6 | 330.0 | 330.3 | 330.6 | 330.9 | 331.0 | 330.9 | 330.9 |
| 147.5° | 345.5 | 345.2 | 344.9 | 344.6 | 344.9 | 345.2 | 345.5 | 345.8 | 345.9 | 345.7 | 345.5 |
| 150° | 355.0 | 354.8 | 354.6 | 354.3 | 354.6 | 354.8 | 355.0 | 355.3 | 355.3 | 355.0 | 354.8 |
| 152.5° | 364.4 | 364.1 | 363.8 | 363.5 | 363.8 | 364.1 | 364.4 | 364.7 | 364.7 | 364.4 | 364.1 |
| 155° | 376.4 | 376.2 | 376.0 | 375.7 | 376.0 | 376.2 | 376.4 | 376.7 | 376.6 | 376.2 | 375.8 |
| 157.5° | 387.4 | 387.0 | 386.7 | 386.3 | 386.7 | 387.0 | 387.4 | 387.8 | 387.7 | 387.2 | 386.6 |
| 160° | 393.7 | 393.4 | 393.1 | 392.8 | 393.1 | 393.4 | 393.7 | 394.0 | 394.0 | 393.5 | 393.0 |
| 162.5° | 399.7 | 399.3 | 398.9 | 398.5 | 398.9 | 399.3 | 399.7 | 400.0 | 400.0 | 399.4 | 398.9 |
| 165° | 407.2 | 406.8 | 406.4 | 406.1 | 406.4 | 406.8 | 407.2 | 407.6 | 407.5 | 407.0 | 406.4 |
| 167.5° | 413.4 | 412.9 | 412.5 | 412.1 | 412.5 | 412.9 | 413.4 | 413.8 | 413.7 | 413.1 | 412.6 |
| 170° | 416.8 | 416.3 | 415.8 | 415.3 | 415.8 | 416.3 | 416.8 | 417.2 | 417.2 | 416.6 | 416.1 |
| 172.5° | 419.3 | 418.8 | 418.4 | 417.9 | 418.4 | 418.8 | 419.3 | 419.8 | 419.7 | 419.2 | 418.6 |
| 175° | 422.1 | 421.6 | 421.1 | 420.6 | 421.1 | 421.6 | 422.1 | 422.5 | 422.5 | 421.9 | 421.4 |
| 177.5° | 423.0 | 422.7 | 422.3 | 421.9 | 422.3 | 422.7 | 423.0 | 423.4 | 423.4 | 423.0 | 422.7 |
| 180° | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5° | 2141.7 | 2150.4 | 2163.4 | 2170.8 | 2183.2 | 2191.3 | 2195.6 | 2203.6 | 2208.0 | 2223.5 | 2239.6 |
| 5° | 2022.2 | 2034.5 | 2056.2 | 2076.3 | 2098.0 | 2120.4 | 2136.7 | 2155.3 | 2172.2 | 2201.6 | 2232.6 |
| 7.5° | 1885.0 | 1902.2 | 1935.7 | 1967.8 | 2005.6 | 2037.3 | 2065.3 | 2097.0 | 2125.4 | 2167.5 | 2211.4 |
| 10° | 1782.2 | 1812.4 | 1856.5 | 1886.7 | 1936.2 | 1967.9 | 2012.1 | 2046.9 | 2086.4 | 2142.0 | 2191.6 |
| 12.5° | 1693.6 | 1730.1 | 1765.5 | 1807.5 | 1852.0 | 1904.8 | 1953.3 | 1998.0 | 2044.9 | 2102.4 | 2160.6 |
| 15° | 1533.1 | 1585.7 | 1640.6 | 1683.1 | 1743.5 | 1799.3 | 1855.7 | 1916.1 | 1973.4 | 2042.3 | 2118.1 |
| 17.5° | 1326.3 | 1387.3 | 1479.7 | 1552.6 | 1623.5 | 1679.3 | 1749.3 | 1822.3 | 1889.8 | 1972.9 | 2057.3 |
| 20° | 1232.7 | 1277.7 | 1340.3 | 1438.7 | 1545.4 | 1605.0 | 1676.2 | 1756.7 | 1834.0 | 1924.6 | 2015.2 |
| 22.5° | 1157.8 | 1197.8 | 1248.1 | 1324.7 | 1443.9 | 1525.1 | 1599.4 | 1681.1 | 1770.9 | 1863.3 | 1963.8 |
| 25° | 1050.9 | 1078.7 | 1131.4 | 1193.3 | 1275.4 | 1409.2 | 1490.5 | 1572.5 | 1670.0 | 1769.1 | 1883.6 |
| 27.5° | 970.6 | 995.6 | 1029.9 | 1088.9 | 1149.9 | 1246.1 | 1375.3 | 1464.8 | 1562.0 | 1673.4 | 1792.3 |
| 30° | 909.3 | 938.7 | 976.6 | 1018.4 | 1085.0 | 1160.0 | 1289.3 | 1393.0 | 1488.9 | 1603.5 | 1730.4 |
| 32.5° | 864.7 | 888.0 | 920.3 | 962.7 | 1018.1 | 1090.0 | 1193.3 | 1319.3 | 1412.8 | 1533.5 | 1666.0 |
| 35° | 791.6 | 818.8 | 845.1 | 885.3 | 930.2 | 995.9 | 1074.1 | 1208.8 | 1301.6 | 1420.8 | 1553.9 |
| 37.5° | 731.4 | 748.0 | 777.1 | 809.0 | 856.4 | 905.4 | 973.2 | 1094.0 | 1194.4 | 1311.4 | 1447.6 |
| 40° | 685.6 | 706.5 | 728.2 | 763.8 | 802.5 | 849.7 | 916.3 | 1006.0 | 1121.4 | 1235.9 | 1369.0 |
| 42.5° | 641.1 | 667.5 | 690.4 | 714.3 | 756.7 | 803.9 | 858.1 | 934.2 | 1052.0 | 1160.3 | 1289.7 |
| 45° | 587.3 | 604.4 | 628.3 | 654.7 | 689.5 | 729.7 | 777.7 | 844.2 | 957.3 | 1050.9 | 1172.5 |
| 47.5° | 524.8 | 549.8 | 565.4 | 591.1 | 624.2 | 662.6 | 707.2 | 764.8 | 856.2 | 943.9 | 1056.6 |
| 50° | 482.1 | 507.7 | 530.1 | 553.3 | 582.7 | 619.9 | 657.0 | 712.8 | 786.3 | 878.4 | 983.6 |
| 52.5° | 445.6 | 468.1 | 489.9 | 513.1 | 541.9 | 575.9 | 611.2 | 660.1 | 723.1 | 807.8 | 909.9 |
| 55° | 395.5 | 409.4 | 431.8 | 455.0 | 480.6 | 513.1 | 547.1 | 588.1 | 642.3 | 713.5 | 796.3 |
| 57.5° | 344.1 | 360.1 | 378.0 | 401.3 | 427.2 | 452.1 | 482.7 | 519.9 | 562.6 | 627.0 | 697.9 |
| 60° | 315.0 | 327.3 | 342.0 | 366.1 | 390.0 | 412.4 | 441.9 | 472.8 | 513.1 | 568.8 | 629.1 |
| 62.5° | 282.8 | 294.6 | 308.0 | 328.9 | 352.2 | 372.8 | 398.5 | 431.3 | 465.4 | 516.1 | 569.1 |
| 65° | 229.0 | 246.1 | 259.2 | 277.8 | 297.2 | 318.8 | 338.9 | 365.3 | 395.5 | 435.7 | 482.9 |
| 67.5° | 190.0 | 198.5 | 210.8 | 227.6 | 247.5 | 266.1 | 285.1 | 305.7 | 331.8 | 362.9 | 400.4 |
| 70° | 172.6 | 175.7 | 178.0 | 194.2 | 212.8 | 231.4 | 249.2 | 268.5 | 290.9 | 316.5 | 349.0 |
| 72.5° | 152.2 | 155.2 | 158.1 | 165.1 | 180.0 | 198.5 | 217.0 | 231.4 | 252.6 | 273.8 | 300.1 |
| 75° | 120.7 | 125.3 | 127.6 | 131.6 | 136.9 | 149.4 | 166.4 | 180.3 | 192.7 | 208.9 | 229.8 |
| 77.5° | 91.9 | 94.5 | 97.0 | 101.1 | 104.5 | 110.2 | 119.8 | 132.3 | 143.9 | 153.4 | 167.7 |
| 80° | 72.7 | 73.5 | 76.6 | 78.2 | 82.8 | 86.6 | 91.3 | 101.4 | 113.0 | 116.8 | 126.9 |
| 82.5° | 54.8 | 55.5 | 58.1 | 59.6 | 61.8 | 65.0 | 70.9 | 73.5 | 82.6 | 87.8 | 94.1 |
| 85° | 30.2 | 29.4 | 31.7 | 31.7 | 33.3 | 34.8 | 36.4 | 40.2 | 42.5 | 48.8 | 50.3 |
| 87.5° | 11.7 | 11.8 | 12.0 | 11.7 | 11.3 | 12.2 | 12.6 | 13.0 | 14.0 | 15.8 | 18.0 |
| 90° | 12.3 | 12.5 | 10.7 | 9.0 | 7.3 | 5.6 | 4.1 | 3.2 | 2.2 | 1.3 | 0.4 |
| 92.5° | 11.4 | 11.3 | 10.9 | 10.5 | 10.1 | 9.7 | 9.2 | 8.5 | 7.8 | 7.1 | 6.4 |
| 95° | 22.8 | 22.8 | 22.7 | 22.5 | 22.3 | 22.2 | 21.7 | 20.9 | 20.1 | 19.4 | 18.6 |
| 97.5° | 38.4 | 38.4 | 38.1 | 37.8 | 37.5 | 37.2 | 36.7 | 36.0 | 35.2 | 34.6 | 33.9 |
| 100° | 49.3 | 49.3 | 49.0 | 48.8 | 48.5 | 48.3 | 47.9 | 47.3 | 46.6 | 45.9 | 45.3 |
| 102.5° | 61.0 | 60.9 | 60.6 | 60.3 | 60.0 | 59.8 | 59.3 | 58.8 | 58.3 | 57.8 | 57.3 |
| 105° | 78.7 | 78.5 | 78.4 | 78.2 | 78.1 | 77.9 | 77.7 | 77.5 | 77.2 | 77.0 | 76.7 |
| 107.5° | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.7 | 97.4 | 96.9 | 96.6 | 96.2 |
| 110° | 111.0 | 111.0 | 111.0 | 111.0 | 111.0 | 111.0 | 110.7 | 110.3 | 109.8 | 109.3 | 108.9 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 124.2 | 124.4 | 124.4 | 124.5 | 124.5 | 124.6 | 124.4 | 123.9 | 123.5 | 123.0 | 122.5 |
| 115° | 144.1 | 144.1 | 144.3 | 144.4 | 144.6 | 144.8 | 144.6 | 144.1 | 143.7 | 143.2 | 142.7 |
| 117.5° | 163.5 | 163.7 | 164.1 | 164.6 | 165.0 | 165.5 | 165.4 | 164.7 | 164.1 | 163.5 | 162.8 |
| 120° | 176.2 | 176.2 | 176.9 | 177.5 | 178.1 | 178.7 | 178.7 | 178.1 | 177.5 | 176.9 | 176.2 |
| 122.5° | 189.8 | 190.0 | 190.4 | 190.9 | 191.3 | 191.8 | 191.6 | 190.8 | 190.1 | 189.2 | 188.5 |
| 125° | 209.5 | 209.7 | 210.1 | 210.3 | 210.5 | 210.8 | 210.5 | 209.7 | 209.0 | 208.3 | 207.6 |
| 127.5° | 228.7 | 229.0 | 229.3 | 229.6 | 229.9 | 230.1 | 229.8 | 228.9 | 228.1 | 227.2 | 226.3 |
| 130° | 241.8 | 241.9 | 242.1 | 242.3 | 242.4 | 242.6 | 242.1 | 241.1 | 240.0 | 239.0 | 238.0 |
| 132.5° | 254.7 | 255.0 | 255.0 | 255.0 | 254.9 | 254.9 | 254.5 | 253.6 | 252.8 | 252.0 | 251.2 |
| 135° | 273.2 | 273.3 | 273.2 | 273.0 | 272.9 | 272.7 | 272.2 | 271.2 | 270.4 | 269.5 | 268.6 |
| 137.5° | 291.2 | 291.2 | 291.0 | 290.8 | 290.6 | 290.4 | 290.0 | 289.3 | 288.5 | 287.8 | 287.1 |
| 140° | 303.3 | 303.3 | 302.9 | 302.5 | 302.1 | 301.6 | 301.1 | 300.4 | 299.7 | 299.0 | 298.3 |
| 142.5° | 314.2 | 314.1 | 313.9 | 313.6 | 313.3 | 313.1 | 312.6 | 311.8 | 311.1 | 310.4 | 309.7 |
| 145° | 330.8 | 330.7 | 330.2 | 329.8 | 329.3 | 328.8 | 328.3 | 327.8 | 327.2 | 326.7 | 326.1 |
| 147.5° | 345.4 | 345.2 | 344.9 | 344.6 | 344.2 | 343.9 | 343.4 | 342.7 | 342.0 | 341.4 | 340.7 |
| 150° | 354.6 | 354.3 | 354.0 | 353.7 | 353.4 | 353.0 | 352.6 | 352.1 | 351.6 | 351.2 | 350.7 |
| 152.5° | 363.8 | 363.5 | 363.0 | 362.6 | 362.2 | 361.9 | 361.4 | 361.0 | 360.5 | 360.0 | 359.6 |
| 155° | 375.4 | 375.0 | 374.8 | 374.5 | 374.3 | 374.1 | 373.8 | 373.5 | 373.3 | 373.0 | 372.8 |
| 157.5° | 386.1 | 385.6 | 385.4 | 385.3 | 385.2 | 385.0 | 384.9 | 384.7 | 384.5 | 384.4 | 384.2 |
| 160° | 392.5 | 392.1 | 392.0 | 391.9 | 391.8 | 391.8 | 391.6 | 391.5 | 391.3 | 391.2 | 391.0 |
| 162.5° | 398.4 | 397.8 | 397.8 | 397.7 | 397.6 | 397.5 | 397.5 | 397.4 | 397.4 | 397.4 | 397.3 |
| 165° | 405.9 | 405.3 | 405.3 | 405.3 | 405.3 | 405.3 | 405.4 | 405.5 | 405.5 | 405.6 | 405.7 |
| 167.5° | 412.0 | 411.5 | 411.5 | 411.5 | 411.5 | 411.6 | 411.7 | 411.9 | 412.2 | 412.4 | 412.6 |
| 170° | 415.5 | 415.0 | 415.1 | 415.1 | 415.2 | 415.3 | 415.5 | 415.7 | 415.9 | 416.2 | 416.4 |
| 172.5° | 418.1 | 417.5 | 417.6 | 417.7 | 417.8 | 417.8 | 418.0 | 418.2 | 418.5 | 418.7 | 418.9 |
| 175° | 420.8 | 420.3 | 420.4 | 420.6 | 420.8 | 420.9 | 421.1 | 421.3 | 421.6 | 421.8 | 422.1 |
| 177.5° | 422.3 | 421.9 | 422.0 | 422.2 | 422.3 | 422.4 | 422.6 | 422.8 | 422.9 | 423.1 | 423.3 |
| 180° | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5° | 2240.2 | 2242.0 | 2254.4 | 2260.0 | 2271.2 | 2275.4 | 2280.5 | 2279.2 | 2279.2 | 2281.7 | 2299.0 |
| 5° | 2245.0 | 2260.5 | 2283.7 | 2306.1 | 2327.8 | 2346.3 | 2358.7 | 2371.2 | 2375.8 | 2398.2 | 2418.3 |
| 7.5° | 2237.0 | 2265.4 | 2303.8 | 2338.0 | 2379.0 | 2411.1 | 2437.7 | 2461.6 | 2478.1 | 2510.7 | 2544.2 |
| 10° | 2226.4 | 2266.6 | 2310.0 | 2354.1 | 2410.5 | 2453.2 | 2496.5 | 2529.8 | 2540.6 | 2589.4 | 2617.3 |
| 12.5° | 2205.3 | 2259.3 | 2314.3 | 2371.5 | 2426.7 | 2485.4 | 2533.0 | 2566.3 | 2604.3 | 2648.2 | 2699.6 |
| 15° | 2173.8 | 2235.7 | 2307.6 | 2381.2 | 2460.1 | 2531.3 | 2582.4 | 2640.4 | 2682.2 | 2730.2 | 2775.1 |
| 17.5° | 2128.5 | 2208.2 | 2299.7 | 2384.8 | 2476.1 | 2552.5 | 2622.8 | 2678.5 | 2708.0 | 2735.3 | 2742.0 |
| 20° | 2092.5 | 2178.5 | 2286.0 | 2386.6 | 2477.9 | 2566.2 | 2635.7 | 2682.2 | 2690.0 | 2690.7 | 2649.7 |
| 22.5° | 2053.6 | 2150.6 | 2263.1 | 2366.2 | 2475.5 | 2573.5 | 2627.8 | 2647.6 | 2616.9 | 2564.5 | 2485.1 |
| 25° | 1981.9 | 2094.1 | 2224.8 | 2342.5 | 2461.6 | 2554.6 | 2573.1 | 2538.3 | 2430.7 | 2317.7 | 2174.5 |
| 27.5° | 1904.2 | 2030.3 | 2170.5 | 2301.3 | 2428.2 | 2485.8 | 2445.7 | 2320.2 | 2126.5 | 1958.0 | 1753.9 |
| 30° | 1847.2 | 1988.8 | 2126.6 | 2272.8 | 2390.5 | 2415.2 | 2323.2 | 2138.2 | 1912.2 | 1658.4 | 1454.9 |
| 32.5° | 1782.2 | 1930.7 | 2082.0 | 2233.2 | 2331.7 | 2307.5 | 2155.4 | 1927.7 | 1662.7 | 1413.2 | 1220.8 |
| 35° | 1689.3 | 1842.6 | 2005.9 | 2157.6 | 2220.2 | 2115.8 | 1888.2 | 1591.9 | 1321.0 | 1088.0 | 955.7 |
| 37.5° | 1582.1 | 1749.0 | 1918.7 | 2058.0 | 2053.6 | 1879.5 | 1569.5 | 1263.5 | 1035.9 | 898.2 | 803.9 |
| 40° | 1505.9 | 1674.7 | 1858.1 | 1975.7 | 1925.4 | 1698.6 | 1362.8 | 1074.1 | 907.8 | 797.9 | 729.0 |
| 42.5° | 1432.9 | 1602.3 | 1784.4 | 1877.8 | 1790.4 | 1511.7 | 1177.1 | 950.9 | 813.6 | 727.9 | 672.1 |
| 45° | 1308.6 | 1487.3 | 1656.1 | 1707.9 | 1551.6 | 1244.4 | 951.9 | 787.8 | 696.5 | 633.0 | 594.3 |
| 47.5° | 1187.1 | 1362.9 | 1516.9 | 1517.8 | 1306.5 | 1009.2 | 802.9 | 681.8 | 603.8 | 554.7 | 526.5 |
| 50° | 1112.8 | 1280.0 | 1409.2 | 1389.1 | 1149.2 | 897.7 | 718.1 | 613.7 | 548.7 | 510.8 | 481.3 |
| 52.5° | 1029.3 | 1191.4 | 1303.3 | 1246.1 | 1016.1 | 789.9 | 642.0 | 554.2 | 500.4 | 467.4 | 441.1 |
| 55° | 907.8 | 1051.7 | 1130.6 | 1043.9 | 828.8 | 657.0 | 542.5 | 473.6 | 433.3 | 405.5 | 383.0 |
| 57.5° | 788.4 | 907.2 | 956.8 | 855.9 | 682.7 | 544.8 | 458.9 | 407.2 | 367.3 | 347.3 | 335.7 |
| 60° | 713.5 | 814.9 | 849.7 | 738.3 | 593.6 | 476.7 | 406.3 | 358.3 | 328.9 | 315.8 | 304.2 |
| 62.5° | 639.9 | 722.7 | 737.0 | 634.9 | 517.5 | 417.3 | 356.8 | 316.2 | 296.7 | 284.2 | 273.2 |
| 65° | 530.9 | 590.5 | 583.5 | 501.5 | 409.4 | 331.2 | 287.1 | 262.4 | 247.6 | 229.8 | 210.5 |
| 67.5° | 437.1 | 473.4 | 451.5 | 390.0 | 312.5 | 257.4 | 228.6 | 209.8 | 191.6 | 174.7 | 170.3 |
| 70° | 377.7 | 398.5 | 375.4 | 318.8 | 256.1 | 215.9 | 192.7 | 170.3 | 159.5 | 155.5 | 148.6 |
| 72.5° | 320.7 | 328.0 | 302.9 | 254.5 | 208.4 | 178.7 | 156.1 | 143.6 | 137.7 | 134.5 | 130.0 |
| 75° | 240.7 | 235.3 | 213.6 | 175.7 | 144.7 | 124.6 | 117.6 | 113.0 | 109.1 | 106.0 | 103.7 |
| 77.5° | 169.1 | 161.1 | 141.8 | 117.0 | 100.8 | 91.2 | 86.9 | 84.5 | 82.6 | 81.1 | 78.8 |
| 80° | 126.9 | 121.5 | 102.2 | 83.6 | 76.6 | 72.0 | 69.7 | 66.6 | 66.6 | 65.0 | 62.7 |
| 82.5° | 92.9 | 86.8 | 70.0 | 61.3 | 57.5 | 54.6 | 52.9 | 51.1 | 50.5 | 50.8 | 49.1 |
| 85° | 48.8 | 39.5 | 34.8 | 33.3 | 31.0 | 29.4 | 30.2 | 28.7 | 28.7 | 28.7 | 27.9 |
| 87.5° | 15.1 | 12.2 | 11.8 | 11.3 | 12.2 | 12.6 | 12.3 | 12.6 | 13.6 | 13.0 | 13.5 |
| 90° | 1.3 | 2.2 | 3.2 | 4.1 | 5.6 | 7.3 | 9.0 | 10.7 | 12.5 | 12.3 | 12.2 |
| 92.5° | 7.1 | 7.8 | 8.5 | 9.2 | 9.7 | 10.1 | 10.5 | 10.9 | 11.3 | 11.4 | 11.4 |
| 95° | 19.4 | 20.1 | 20.9 | 21.7 | 22.2 | 22.3 | 22.5 | 22.7 | 22.8 | 22.8 | 22.8 |
| 97.5° | 34.6 | 35.2 | 36.0 | 36.7 | 37.2 | 37.5 | 37.8 | 38.1 | 38.4 | 38.4 | 38.4 |
| 100° | 45.9 | 46.6 | 47.3 | 47.9 | 48.3 | 48.5 | 48.8 | 49.0 | 49.3 | 49.3 | 49.3 |
| 102.5° | 57.8 | 58.3 | 58.8 | 59.3 | 59.8 | 60.0 | 60.3 | 60.6 | 60.9 | 61.0 | 61.1 |
| 105° | 77.0 | 77.2 | 77.5 | 77.7 | 77.9 | 78.1 | 78.2 | 78.4 | 78.5 | 78.7 | 78.8 |
| 107.5° | 96.6 | 96.9 | 97.4 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 |
| 110° | 109.3 | 109.8 | 110.3 | 110.7 | 111.0 | 111.0 | 111.0 | 111.0 | 111.0 | 111.0 | 111.0 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 123.0 | 123.5 | 123.9 | 124.4 | 124.6 | 124.5 | 124.5 | 124.4 | 124.4 | 124.2 | 124.0 |
| 115° | 143.2 | 143.7 | 144.1 | 144.6 | 144.8 | 144.6 | 144.4 | 144.3 | 144.1 | 144.1 | 144.0 |
| 117.5° | 163.5 | 164.1 | 164.7 | 165.4 | 165.5 | 165.0 | 164.6 | 164.1 | 163.7 | 163.5 | 163.3 |
| 120° | 176.9 | 177.5 | 178.1 | 178.7 | 178.7 | 178.1 | 177.5 | 176.9 | 176.2 | 176.2 | 176.2 |
| 122.5° | 189.2 | 190.1 | 190.8 | 191.6 | 191.8 | 191.3 | 190.9 | 190.4 | 190.0 | 189.8 | 189.6 |
| 125° | 208.3 | 209.0 | 209.7 | 210.5 | 210.8 | 210.5 | 210.3 | 210.1 | 209.7 | 209.5 | 209.3 |
| 127.5° | 227.2 | 228.1 | 228.9 | 229.8 | 230.1 | 229.9 | 229.6 | 229.3 | 229.0 | 228.7 | 228.5 |
| 130° | 239.0 | 240.0 | 241.1 | 242.1 | 242.6 | 242.4 | 242.3 | 242.1 | 241.9 | 241.8 | 241.6 |
| 132.5° | 252.0 | 252.8 | 253.6 | 254.5 | 254.9 | 254.9 | 255.0 | 255.0 | 255.0 | 254.7 | 254.3 |
| 135° | 269.5 | 270.4 | 271.2 | 272.2 | 272.7 | 272.9 | 273.0 | 273.2 | 273.3 | 273.2 | 273.2 |
| 137.5° | 287.8 | 288.5 | 289.3 | 290.0 | 290.4 | 290.6 | 290.8 | 291.0 | 291.2 | 291.2 | 291.1 |
| 140° | 299.0 | 299.7 | 300.4 | 301.1 | 301.6 | 302.1 | 302.5 | 302.9 | 303.3 | 303.3 | 303.3 |
| 142.5° | 310.4 | 311.1 | 311.8 | 312.6 | 313.1 | 313.3 | 313.6 | 313.9 | 314.1 | 314.2 | 314.3 |
| 145° | 326.7 | 327.2 | 327.8 | 328.3 | 328.8 | 329.3 | 329.8 | 330.2 | 330.7 | 330.8 | 330.9 |
| 147.5° | 341.4 | 342.0 | 342.7 | 343.4 | 343.9 | 344.2 | 344.6 | 344.9 | 345.2 | 345.4 | 345.5 |
| 150° | 351.2 | 351.6 | 352.1 | 352.6 | 353.0 | 353.4 | 353.7 | 354.0 | 354.3 | 354.6 | 354.8 |
| 152.5° | 360.0 | 360.5 | 361.0 | 361.4 | 361.9 | 362.2 | 362.6 | 363.0 | 363.5 | 363.8 | 364.1 |
| 155° | 373.0 | 373.3 | 373.5 | 373.8 | 374.1 | 374.3 | 374.5 | 374.8 | 375.0 | 375.4 | 375.8 |
| 157.5° | 384.4 | 384.5 | 384.7 | 384.9 | 385.0 | 385.2 | 385.3 | 385.4 | 385.6 | 386.1 | 386.6 |
| 160° | 391.2 | 391.3 | 391.5 | 391.6 | 391.8 | 391.8 | 391.9 | 392.0 | 392.1 | 392.5 | 393.0 |
| 162.5° | 397.4 | 397.4 | 397.4 | 397.5 | 397.5 | 397.6 | 397.7 | 397.8 | 397.8 | 398.4 | 398.9 |
| 165° | 405.6 | 405.5 | 405.5 | 405.4 | 405.3 | 405.3 | 405.3 | 405.3 | 405.3 | 405.9 | 406.4 |
| 167.5° | 412.4 | 412.2 | 411.9 | 411.7 | 411.6 | 411.5 | 411.5 | 411.5 | 411.5 | 412.0 | 412.6 |
| 170° | 416.2 | 415.9 | 415.7 | 415.5 | 415.3 | 415.2 | 415.1 | 415.1 | 415.0 | 415.5 | 416.1 |
| 172.5° | 418.7 | 418.5 | 418.2 | 418.0 | 417.8 | 417.8 | 417.7 | 417.6 | 417.5 | 418.1 | 418.6 |
| 175° | 421.8 | 421.6 | 421.3 | 421.1 | 420.9 | 420.8 | 420.6 | 420.4 | 420.3 | 420.8 | 421.4 |
| 177.5° | 423.1 | 422.9 | 422.8 | 422.6 | 422.4 | 422.3 | 422.2 | 422.0 | 421.9 | 422.3 | 422.7 |
| 180° | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5° | 2305.2 | 2313.2 | 2316.9 | 2316.9 | 2321.3 | 2319.5 | 2317.5 |
| 5° | 2437.7 | 2452.4 | 2455.5 | 2469.4 | 2479.4 | 2476.4 | 2477.9 |
| 7.5° | 2569.4 | 2593.0 | 2616.5 | 2627.2 | 2628.8 | 2635.0 | 2637.4 |
| 10° | 2650.5 | 2669.9 | 2706.2 | 2700.8 | 2727.8 | 2743.4 | 2717.8 |
| 12.5° | 2728.5 | 2754.6 | 2779.9 | 2786.8 | 2802.2 | 2807.1 | 2797.0 |
| 15° | 2799.0 | 2813.0 | 2814.6 | 2810.7 | 2815.3 | 2811.5 | 2796.7 |
| 17.5° | 2733.1 | 2710.6 | 2664.7 | 2643.0 | 2625.9 | 2600.5 | 2590.3 |
| 20° | 2624.1 | 2557.6 | 2480.2 | 2449.3 | 2412.9 | 2341.7 | 2358.7 |
| 22.5° | 2388.9 | 2313.1 | 2235.7 | 2145.4 | 2102.1 | 2034.7 | 2030.6 |
| 25° | 2022.9 | 1892.1 | 1748.2 | 1647.6 | 1588.7 | 1521.5 | 1492.0 |
| 27.5° | 1572.8 | 1408.2 | 1290.2 | 1230.4 | 1176.1 | 1122.8 | 1120.5 |
| 30° | 1276.9 | 1153.1 | 1061.8 | 1010.7 | 977.3 | 954.9 | 959.6 |
| 32.5° | 1076.3 | 991.5 | 929.9 | 887.5 | 862.8 | 846.0 | 845.7 |
| 35° | 879.9 | 821.8 | 782.3 | 764.6 | 746.8 | 734.4 | 735.2 |
| 37.5° | 753.0 | 718.1 | 696.2 | 676.5 | 665.4 | 659.3 | 655.9 |
| 40° | 687.9 | 659.3 | 642.3 | 630.7 | 621.4 | 612.9 | 611.4 |
| 42.5° | 636.6 | 612.9 | 595.9 | 586.7 | 578.0 | 572.1 | 570.5 |
| 45° | 564.9 | 545.5 | 530.1 | 520.1 | 516.1 | 510.8 | 510.8 |
| 47.5° | 502.5 | 483.5 | 471.4 | 465.1 | 458.5 | 454.8 | 454.7 |
| 50° | 460.5 | 445.8 | 434.9 | 431.0 | 425.7 | 423.3 | 422.5 |
| 52.5° | 422.7 | 411.7 | 403.9 | 401.3 | 399.0 | 396.1 | 396.6 |
| 55° | 371.4 | 365.3 | 362.1 | 359.8 | 356.0 | 351.3 | 354.5 |
| 57.5° | 328.3 | 323.1 | 314.7 | 307.4 | 303.9 | 300.5 | 301.8 |
| 60° | 297.9 | 287.1 | 276.3 | 267.7 | 265.4 | 258.4 | 258.4 |
| 62.5° | 259.5 | 244.4 | 231.1 | 226.3 | 224.0 | 220.8 | 220.0 |
| 65° | 199.7 | 193.5 | 190.4 | 187.2 | 185.7 | 185.7 | 184.2 |
| 67.5° | 165.4 | 163.0 | 159.6 | 158.8 | 157.2 | 156.8 | 156.3 |
| 70° | 146.2 | 143.2 | 141.6 | 140.9 | 139.3 | 140.1 | 137.7 |
| 72.5° | 127.6 | 125.2 | 124.9 | 122.9 | 122.0 | 122.1 | 120.4 |
| 75° | 100.6 | 100.6 | 99.9 | 99.1 | 97.6 | 96.7 | 97.6 |
| 77.5° | 77.4 | 77.6 | 76.1 | 76.0 | 75.8 | 76.0 | 75.2 |
| 80° | 61.9 | 62.7 | 61.9 | 61.1 | 60.4 | 61.1 | 60.4 |
| 82.5° | 48.9 | 47.9 | 47.7 | 47.6 | 47.4 | 46.9 | 46.8 |
| 85° | 27.9 | 28.7 | 27.9 | 27.1 | 27.1 | 27.1 | 27.9 |
| 87.5° | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.9 | 12.3 |
| 90° | 12.0 | 11.8 | 11.8 | 11.9 | 12.0 | 12.0 | 12.1 |
| 92.5° | 11.4 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 |
| 95° | 22.8 | 22.8 | 22.7 | 22.6 | 22.4 | 22.3 | 22.1 |
| 97.5° | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.3 |
| 100° | 49.3 | 49.3 | 49.2 | 49.1 | 49.1 | 49.0 | 48.9 |
| 102.5° | 61.1 | 61.2 | 61.2 | 61.1 | 61.0 | 61.0 | 60.9 |
| 105° | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| 107.5° | 98.1 | 98.1 | 98.0 | 97.6 | 97.3 | 96.8 | 96.4 |
| 110° | 111.0 | 111.0 | 110.9 | 110.6 | 110.4 | 110.2 | 109.9 |



TEST NUMBER: P331736-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 123.8 | 123.6 | 123.4 | 123.3 | 123.1 | 122.9 | 122.7 |
| 115° | 143.9 | 143.8 | 143.7 | 143.4 | 143.2 | 143.0 | 142.7 |
| 117.5° | 163.1 | 162.9 | 162.7 | 162.5 | 162.3 | 162.0 | 161.8 |
| 120° | 176.2 | 176.2 | 176.1 | 175.9 | 175.6 | 175.4 | 175.2 |
| 122.5° | 189.3 | 189.1 | 189.0 | 188.8 | 188.6 | 188.4 | 188.3 |
| 125° | 209.0 | 208.8 | 208.6 | 208.6 | 208.5 | 208.4 | 208.3 |
| 127.5° | 228.2 | 227.9 | 227.6 | 227.4 | 227.1 | 226.9 | 226.6 |
| 130° | 241.5 | 241.3 | 241.1 | 240.8 | 240.3 | 240.0 | 239.7 |
| 132.5° | 254.0 | 253.7 | 253.4 | 253.1 | 252.9 | 252.6 | 252.4 |
| 135° | 273.1 | 273.0 | 272.9 | 272.6 | 272.4 | 272.2 | 271.9 |
| 137.5° | 291.0 | 291.0 | 290.8 | 290.5 | 290.2 | 289.9 | 289.5 |
| 140° | 303.3 | 303.3 | 303.1 | 302.8 | 302.5 | 302.2 | 301.8 |
| 142.5° | 314.3 | 314.4 | 314.3 | 314.0 | 313.6 | 313.3 | 313.0 |
| 145° | 330.9 | 331.0 | 330.9 | 330.6 | 330.3 | 330.0 | 329.6 |
| 147.5° | 345.7 | 345.9 | 345.8 | 345.5 | 345.2 | 344.9 | 344.6 |
| 150° | 355.0 | 355.3 | 355.3 | 355.0 | 354.8 | 354.6 | 354.3 |
| 152.5° | 364.4 | 364.7 | 364.7 | 364.4 | 364.1 | 363.8 | 363.5 |
| 155° | 376.2 | 376.6 | 376.7 | 376.4 | 376.2 | 376.0 | 375.7 |
| 157.5° | 387.2 | 387.7 | 387.8 | 387.4 | 387.0 | 386.7 | 386.3 |
| 160° | 393.5 | 394.0 | 394.0 | 393.7 | 393.4 | 393.1 | 392.8 |
| 162.5° | 399.4 | 400.0 | 400.0 | 399.7 | 399.3 | 398.9 | 398.5 |
| 165° | 407.0 | 407.5 | 407.6 | 407.2 | 406.8 | 406.4 | 406.1 |
| 167.5° | 413.1 | 413.7 | 413.8 | 413.4 | 412.9 | 412.5 | 412.1 |
| 170° | 416.6 | 417.2 | 417.2 | 416.8 | 416.3 | 415.8 | 415.3 |
| 172.5° | 419.2 | 419.7 | 419.8 | 419.3 | 418.8 | 418.4 | 417.9 |
| 175° | 421.9 | 422.5 | 422.5 | 422.1 | 421.6 | 421.1 | 420.6 |
| 177.5° | 423.0 | 423.4 | 423.4 | 423.0 | 422.7 | 422.3 | 421.9 |
| 180° | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 | 422.8 |

(END OF REPORT)