

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: P331737-840

Luminaire Tested: **SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P331737-840
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-16,
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-A4
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 330 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5141.9 lumens
Efficiency: N/A
Efficacy: 103.3 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

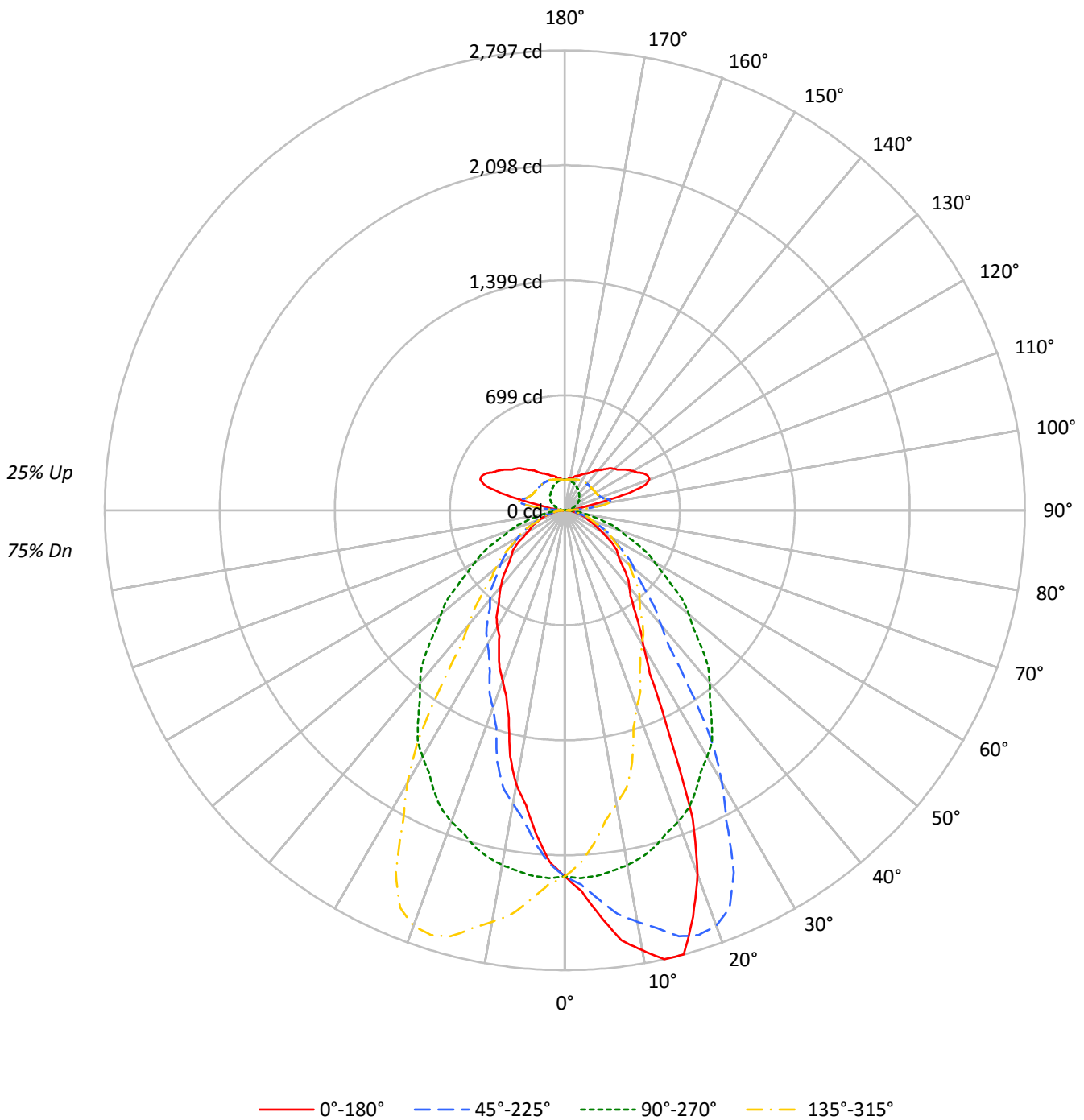
Input Watts (W): 49.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 113 | 113 | 113 | 113 | 108 | 108 | 108 | 108 | 97 | 97 | 97 | 88 | 88 | 88 | 79 | 79 | 79 | 75 |
| 1 | 104 | 100 | 97 | 94 | 99 | 96 | 93 | 90 | 87 | 85 | 82 | 79 | 77 | 75 | 72 | 70 | 69 | 65 |
| 2 | 96 | 89 | 83 | 79 | 91 | 85 | 80 | 76 | 78 | 74 | 70 | 71 | 68 | 65 | 65 | 62 | 60 | 57 |
| 3 | 89 | 80 | 73 | 67 | 84 | 76 | 70 | 65 | 70 | 65 | 61 | 64 | 60 | 57 | 58 | 55 | 53 | 50 |
| 4 | 82 | 72 | 64 | 58 | 78 | 69 | 62 | 56 | 63 | 57 | 53 | 58 | 53 | 50 | 53 | 50 | 47 | 44 |
| 5 | 76 | 65 | 57 | 51 | 72 | 62 | 55 | 50 | 57 | 51 | 47 | 53 | 48 | 44 | 49 | 45 | 42 | 39 |
| 6 | 70 | 59 | 51 | 45 | 67 | 57 | 49 | 44 | 52 | 46 | 42 | 48 | 43 | 40 | 45 | 41 | 37 | 35 |
| 7 | 66 | 54 | 46 | 41 | 63 | 52 | 45 | 40 | 48 | 42 | 38 | 45 | 39 | 36 | 41 | 37 | 34 | 32 |
| 8 | 61 | 49 | 42 | 37 | 59 | 48 | 41 | 36 | 44 | 38 | 34 | 41 | 36 | 32 | 38 | 34 | 31 | 29 |
| 9 | 58 | 46 | 38 | 33 | 55 | 44 | 37 | 33 | 41 | 35 | 31 | 38 | 33 | 30 | 36 | 31 | 28 | 26 |
| 10 | 54 | 42 | 35 | 30 | 52 | 41 | 34 | 30 | 38 | 32 | 29 | 36 | 31 | 27 | 33 | 29 | 26 | 24 |

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: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 211.1 | 4.1 |
| 10°-20° | 588.3 | 11.4 |
| 20°-30° | 758.1 | 14.7 |
| 30°-40° | 720.4 | 14.0 |
| 40°-50° | 617.1 | 12.0 |
| 50°-60° | 470.0 | 9.1 |
| 60°-70° | 297.1 | 5.8 |
| 70°-80° | 148.4 | 2.9 |
| 80°-90° | 40.3 | 0.8 |
| 90°-100° | 74.2 | 1.4 |
| 100°-110° | 251.8 | 4.9 |
| 110°-120° | 267.5 | 5.2 |
| 120°-130° | 220.2 | 4.3 |
| 130°-140° | 176.8 | 3.4 |
| 140°-150° | 133.6 | 2.6 |
| 150°-160° | 93.9 | 1.8 |
| 160°-170° | 55.3 | 1.1 |
| 170°-180° | 18.0 | 0.3 |
| 0°-30° | 1557.5 | 30.3 |
| 0°-40° | 2277.9 | 44.3 |
| 0°-60° | 3365.0 | 65.4 |
| 0°-90° | 3850.8 | 74.9 |
| 90°-120° | 593.4 | 11.5 |
| 90°-150° | 1124.0 | 21.9 |
| 90°-180° | 1291.0 | 25.1 |
| 0°-180° | 5141.9 | 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 | 8 |
| 95° | 41 | 12 | 41 | 12 | 41 | 53 |
| 105° | 402 | 44 | 402 | 44 | 402 | 389 |
| 115° | 529 | 77 | 529 | 77 | 529 | 518 |
| 125° | 429 | 107 | 429 | 107 | 429 | 388 |
| 135° | 356 | 126 | 356 | 126 | 356 | 276 |
| 145° | 284 | 143 | 284 | 143 | 284 | 180 |
| 155° | 239 | 163 | 239 | 163 | 239 | 111 |
| 165° | 209 | 178 | 209 | 178 | 209 | 60 |
| 175° | 189 | 185 | 189 | 185 | 189 | 18 |
| 180° | 186 | 186 | 186 | 186 | 186 | |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

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° | 12.2 | 12.9 | 12.9 | 12.9 | 12.9 | 12.8 | 12.6 | 13.4 | 12.9 | 13.5 | 12.9 |
| 90° | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.4 | 10.7 | 11.4 | 11.8 | 12.1 | 11.8 |
| 92.5° | 19.8 | 20.3 | 20.1 | 21.2 | 21.5 | 23.7 | 26.7 | 31.1 | 39.2 | 46.4 | 45.7 |
| 95° | 40.7 | 40.3 | 41.4 | 44.2 | 48.9 | 56.8 | 71.7 | 93.5 | 122.4 | 139.9 | 123.8 |
| 97.5° | 80.1 | 83.1 | 88.3 | 97.0 | 114.1 | 139.9 | 178.4 | 218.1 | 250.4 | 238.7 | 179.9 |
| 100° | 127.7 | 134.2 | 144.5 | 159.9 | 189.5 | 232.7 | 281.6 | 325.8 | 333.3 | 281.9 | 194.1 |
| 102.5° | 224.8 | 233.5 | 246.4 | 272.6 | 304.8 | 350.5 | 386.3 | 396.3 | 364.1 | 283.3 | 188.6 |
| 105° | 402.1 | 407.1 | 422.4 | 444.5 | 466.8 | 478.5 | 473.8 | 433.5 | 359.3 | 264.4 | 178.0 |
| 107.5° | 513.7 | 520.3 | 523.4 | 524.6 | 521.8 | 504.5 | 467.5 | 406.7 | 328.0 | 244.1 | 172.8 |
| 110° | 547.3 | 547.8 | 544.5 | 537.8 | 522.4 | 493.1 | 447.5 | 383.5 | 308.3 | 234.4 | 171.7 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 546.7 | 544.8 | 538.8 | 527.5 | 506.1 | 472.5 | 423.7 | 362.4 | 294.6 | 228.1 | 171.9 |
| 115° | 529.2 | 525.9 | 516.6 | 500.3 | 474.9 | 438.2 | 391.4 | 336.5 | 277.6 | 221.3 | 173.4 |
| 117.5° | 497.7 | 494.9 | 485.2 | 467.9 | 442.0 | 407.6 | 365.2 | 316.9 | 266.9 | 217.8 | 176.0 |
| 120° | 477.5 | 473.8 | 463.5 | 446.8 | 421.7 | 389.3 | 351.4 | 307.2 | 261.2 | 215.9 | 177.7 |
| 122.5° | 456.3 | 453.3 | 444.1 | 427.6 | 405.2 | 375.9 | 340.0 | 299.5 | 256.3 | 214.7 | 179.7 |
| 125° | 429.3 | 426.4 | 417.5 | 403.9 | 383.2 | 356.5 | 325.1 | 288.3 | 249.4 | 212.7 | 182.7 |
| 127.5° | 405.6 | 403.2 | 395.6 | 382.8 | 364.8 | 340.1 | 310.5 | 277.2 | 243.0 | 211.5 | 185.7 |
| 130° | 392.1 | 389.3 | 382.1 | 370.0 | 352.5 | 329.0 | 300.8 | 270.1 | 238.7 | 210.9 | 188.0 |
| 132.5° | 378.2 | 375.6 | 369.0 | 356.9 | 339.7 | 317.6 | 291.6 | 263.3 | 235.3 | 210.6 | 190.4 |
| 135° | 355.8 | 354.4 | 347.9 | 336.1 | 320.7 | 300.8 | 277.2 | 253.7 | 230.5 | 210.2 | 193.1 |
| 137.5° | 333.8 | 331.6 | 326.0 | 315.9 | 301.8 | 284.5 | 265.8 | 246.1 | 227.1 | 210.1 | 195.5 |
| 140° | 318.6 | 316.5 | 311.1 | 301.8 | 290.4 | 274.8 | 258.3 | 241.2 | 225.1 | 209.8 | 196.6 |
| 142.5° | 303.5 | 303.1 | 298.3 | 289.8 | 279.0 | 265.9 | 251.8 | 237.2 | 223.2 | 209.8 | 197.4 |
| 145° | 284.0 | 283.0 | 279.4 | 273.3 | 264.8 | 254.4 | 243.4 | 231.6 | 220.6 | 209.0 | 198.3 |
| 147.5° | 267.7 | 267.0 | 264.6 | 259.7 | 252.7 | 245.1 | 236.5 | 227.2 | 217.8 | 207.8 | 198.6 |
| 150° | 258.0 | 257.6 | 255.5 | 251.2 | 245.8 | 239.4 | 232.0 | 224.1 | 215.5 | 206.9 | 198.3 |
| 152.5° | 249.7 | 249.6 | 248.0 | 244.4 | 240.1 | 234.6 | 228.2 | 221.0 | 213.5 | 205.5 | 197.8 |
| 155° | 238.7 | 239.4 | 238.0 | 235.5 | 231.6 | 227.6 | 222.3 | 216.6 | 209.8 | 203.0 | 196.9 |
| 157.5° | 229.3 | 229.3 | 228.7 | 226.6 | 223.9 | 220.8 | 216.3 | 211.6 | 206.3 | 200.5 | 195.3 |
| 160° | 223.4 | 223.4 | 223.0 | 221.3 | 218.7 | 216.2 | 212.3 | 208.3 | 203.7 | 198.7 | 194.5 |
| 162.5° | 217.6 | 217.9 | 217.6 | 216.4 | 213.9 | 212.0 | 208.6 | 205.2 | 201.5 | 197.3 | 193.6 |
| 165° | 209.4 | 209.8 | 209.8 | 208.3 | 206.9 | 205.5 | 203.0 | 200.6 | 197.6 | 194.5 | 192.0 |
| 167.5° | 201.9 | 202.3 | 202.4 | 201.6 | 201.0 | 199.7 | 197.9 | 196.0 | 194.0 | 192.0 | 190.4 |
| 170° | 197.3 | 198.0 | 198.3 | 197.3 | 196.9 | 196.2 | 194.8 | 193.8 | 192.0 | 190.6 | 189.5 |
| 172.5° | 193.6 | 194.0 | 194.4 | 193.9 | 193.5 | 193.1 | 192.0 | 191.2 | 190.0 | 188.8 | 188.3 |
| 175° | 188.7 | 189.5 | 189.9 | 189.5 | 189.5 | 189.1 | 188.7 | 188.4 | 187.3 | 186.9 | 186.6 |
| 177.5° | 185.8 | 186.4 | 186.7 | 186.7 | 186.7 | 186.7 | 186.4 | 186.4 | 185.8 | 185.5 | 185.8 |
| 180° | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

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° | 12.4 | 12.5 | 12.2 | 11.4 | 11.8 | 12.3 | 15.1 | 18.0 | 15.8 | 14.2 | 13.1 |
| 90° | 9.6 | 7.2 | 5.4 | 4.2 | 3.5 | 2.8 | 1.4 | 0.4 | 1.4 | 2.8 | 3.5 |
| 92.5° | 35.6 | 24.2 | 16.2 | 12.8 | 10.4 | 8.9 | 6.3 | 4.3 | 6.3 | 8.9 | 10.4 |
| 95° | 82.4 | 51.4 | 34.9 | 26.4 | 20.7 | 17.5 | 13.9 | 12.5 | 13.9 | 17.5 | 20.7 |
| 97.5° | 111.1 | 67.8 | 47.2 | 37.5 | 30.9 | 26.1 | 22.2 | 20.3 | 22.2 | 26.1 | 30.9 |
| 100° | 117.0 | 73.5 | 54.6 | 44.6 | 37.5 | 31.7 | 28.6 | 27.5 | 28.6 | 31.7 | 37.5 |
| 102.5° | 117.3 | 78.7 | 61.2 | 51.2 | 43.7 | 38.1 | 34.8 | 34.0 | 34.8 | 38.1 | 43.7 |
| 105° | 119.2 | 87.5 | 70.7 | 60.7 | 52.8 | 47.5 | 44.9 | 43.5 | 44.9 | 47.5 | 52.8 |
| 107.5° | 124.1 | 96.4 | 80.2 | 70.1 | 62.3 | 57.4 | 54.9 | 53.8 | 54.9 | 57.4 | 62.3 |
| 110° | 128.1 | 102.4 | 86.7 | 76.3 | 68.9 | 64.2 | 62.1 | 60.7 | 62.1 | 64.2 | 68.9 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 132.4 | 108.2 | 93.0 | 82.3 | 75.1 | 70.8 | 68.4 | 67.0 | 68.4 | 70.8 | 75.1 |
| 115° | 138.8 | 117.0 | 101.7 | 92.1 | 84.9 | 80.7 | 78.5 | 76.7 | 78.5 | 80.7 | 84.9 |
| 117.5° | 145.6 | 125.2 | 111.1 | 101.1 | 94.2 | 90.4 | 88.3 | 86.8 | 88.3 | 90.4 | 94.2 |
| 120° | 150.3 | 131.0 | 117.0 | 107.0 | 99.9 | 96.7 | 94.5 | 93.1 | 94.5 | 96.7 | 99.9 |
| 122.5° | 154.2 | 136.3 | 123.3 | 113.0 | 105.9 | 102.4 | 100.3 | 99.2 | 100.3 | 102.4 | 105.9 |
| 125° | 160.6 | 144.5 | 131.7 | 121.7 | 114.5 | 110.3 | 108.2 | 107.0 | 108.2 | 110.3 | 114.5 |
| 127.5° | 166.5 | 152.1 | 139.6 | 129.3 | 122.5 | 117.8 | 114.7 | 113.3 | 114.7 | 117.8 | 122.5 |
| 130° | 170.2 | 156.6 | 144.1 | 134.2 | 127.0 | 122.0 | 118.5 | 117.0 | 118.5 | 122.0 | 127.0 |
| 132.5° | 173.9 | 160.7 | 148.8 | 138.8 | 131.3 | 126.0 | 122.2 | 120.5 | 122.2 | 126.0 | 131.3 |
| 135° | 178.7 | 166.3 | 154.8 | 144.9 | 136.6 | 131.3 | 127.0 | 125.6 | 127.0 | 131.3 | 136.6 |
| 137.5° | 182.5 | 170.9 | 159.6 | 150.3 | 142.2 | 136.4 | 132.2 | 130.5 | 132.2 | 136.4 | 142.2 |
| 140° | 184.5 | 173.4 | 162.7 | 153.4 | 145.6 | 139.9 | 135.6 | 134.2 | 135.6 | 139.9 | 145.6 |
| 142.5° | 186.2 | 175.4 | 165.0 | 156.3 | 148.8 | 143.0 | 139.1 | 137.8 | 139.1 | 143.0 | 148.8 |
| 145° | 188.4 | 178.4 | 168.7 | 161.0 | 153.8 | 148.5 | 144.9 | 143.4 | 144.9 | 148.5 | 153.8 |
| 147.5° | 189.7 | 180.9 | 171.8 | 164.8 | 158.9 | 153.9 | 150.5 | 149.5 | 150.5 | 153.9 | 158.9 |
| 150° | 190.2 | 182.0 | 173.8 | 167.3 | 162.0 | 157.3 | 154.5 | 153.4 | 154.5 | 157.3 | 162.0 |
| 152.5° | 190.5 | 183.1 | 175.7 | 170.0 | 164.8 | 160.8 | 157.9 | 157.4 | 157.9 | 160.8 | 164.8 |
| 155° | 190.9 | 184.8 | 178.7 | 173.4 | 169.5 | 165.5 | 163.4 | 163.1 | 163.4 | 165.5 | 169.5 |
| 157.5° | 190.9 | 186.0 | 180.9 | 176.4 | 173.3 | 169.9 | 168.1 | 167.7 | 168.1 | 169.9 | 173.3 |
| 160° | 190.9 | 186.6 | 182.4 | 178.4 | 175.5 | 172.7 | 171.3 | 170.9 | 171.3 | 172.7 | 175.5 |
| 162.5° | 190.6 | 186.9 | 183.2 | 180.2 | 177.5 | 175.3 | 173.8 | 174.1 | 173.8 | 175.3 | 177.5 |
| 165° | 189.9 | 187.3 | 184.1 | 182.0 | 180.2 | 178.0 | 177.3 | 177.7 | 177.3 | 178.0 | 180.2 |
| 167.5° | 189.3 | 187.2 | 184.9 | 183.6 | 182.3 | 180.9 | 180.3 | 180.7 | 180.3 | 180.9 | 182.3 |
| 170° | 188.7 | 186.9 | 185.2 | 184.1 | 183.4 | 182.4 | 182.0 | 182.7 | 182.0 | 182.4 | 183.4 |
| 172.5° | 187.9 | 186.7 | 185.5 | 184.7 | 184.3 | 183.2 | 183.4 | 183.8 | 183.4 | 183.2 | 184.3 |
| 175° | 186.9 | 186.2 | 185.5 | 185.2 | 185.2 | 184.5 | 184.8 | 185.2 | 184.8 | 184.5 | 185.2 |
| 177.5° | 186.4 | 185.8 | 185.5 | 185.5 | 185.5 | 185.0 | 185.2 | 185.8 | 185.2 | 185.0 | 185.5 |
| 180° | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

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 | 11.8 | 12.2 | 11.7 | 11.6 | 10.9 | 10.8 | 10.9 | 10.4 |
| 90° | 4.2 | 5.4 | 7.2 | 9.6 | 11.8 | 12.1 | 11.8 | 11.4 | 10.7 | 11.4 | 11.8 |
| 92.5° | 12.8 | 16.2 | 24.2 | 35.6 | 45.7 | 46.4 | 39.2 | 31.1 | 26.7 | 23.7 | 21.5 |
| 95° | 26.4 | 34.9 | 51.4 | 82.4 | 123.8 | 139.9 | 122.4 | 93.5 | 71.7 | 56.8 | 48.9 |
| 97.5° | 37.5 | 47.2 | 67.8 | 111.1 | 179.9 | 238.7 | 250.4 | 218.1 | 178.4 | 139.9 | 114.1 |
| 100° | 44.6 | 54.6 | 73.5 | 117.0 | 194.1 | 281.9 | 333.3 | 325.8 | 281.6 | 232.7 | 189.5 |
| 102.5° | 51.2 | 61.2 | 78.7 | 117.3 | 188.6 | 283.3 | 364.1 | 396.3 | 386.3 | 350.5 | 304.8 |
| 105° | 60.7 | 70.7 | 87.5 | 119.2 | 178.0 | 264.4 | 359.3 | 433.5 | 473.8 | 478.5 | 466.8 |
| 107.5° | 70.1 | 80.2 | 96.4 | 124.1 | 172.8 | 244.1 | 328.0 | 406.7 | 467.5 | 504.5 | 521.8 |
| 110° | 76.3 | 86.7 | 102.4 | 128.1 | 171.7 | 234.4 | 308.3 | 383.5 | 447.5 | 493.1 | 522.4 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 82.3 | 93.0 | 108.2 | 132.4 | 171.9 | 228.1 | 294.6 | 362.4 | 423.7 | 472.5 | 506.1 |
| 115° | 92.1 | 101.7 | 117.0 | 138.8 | 173.4 | 221.3 | 277.6 | 336.5 | 391.4 | 438.2 | 474.9 |
| 117.5° | 101.1 | 111.1 | 125.2 | 145.6 | 176.0 | 217.8 | 266.9 | 316.9 | 365.2 | 407.6 | 442.0 |
| 120° | 107.0 | 117.0 | 131.0 | 150.3 | 177.7 | 215.9 | 261.2 | 307.2 | 351.4 | 389.3 | 421.7 |
| 122.5° | 113.0 | 123.3 | 136.3 | 154.2 | 179.7 | 214.7 | 256.3 | 299.5 | 340.0 | 375.9 | 405.2 |
| 125° | 121.7 | 131.7 | 144.5 | 160.6 | 182.7 | 212.7 | 249.4 | 288.3 | 325.1 | 356.5 | 383.2 |
| 127.5° | 129.3 | 139.6 | 152.1 | 166.5 | 185.7 | 211.5 | 243.0 | 277.2 | 310.5 | 340.1 | 364.8 |
| 130° | 134.2 | 144.1 | 156.6 | 170.2 | 188.0 | 210.9 | 238.7 | 270.1 | 300.8 | 329.0 | 352.5 |
| 132.5° | 138.8 | 148.8 | 160.7 | 173.9 | 190.4 | 210.6 | 235.3 | 263.3 | 291.6 | 317.6 | 339.7 |
| 135° | 144.9 | 154.8 | 166.3 | 178.7 | 193.1 | 210.2 | 230.5 | 253.7 | 277.2 | 300.8 | 320.7 |
| 137.5° | 150.3 | 159.6 | 170.9 | 182.5 | 195.5 | 210.1 | 227.1 | 246.1 | 265.8 | 284.5 | 301.8 |
| 140° | 153.4 | 162.7 | 173.4 | 184.5 | 196.6 | 209.8 | 225.1 | 241.2 | 258.3 | 274.8 | 290.4 |
| 142.5° | 156.3 | 165.0 | 175.4 | 186.2 | 197.4 | 209.8 | 223.2 | 237.2 | 251.8 | 265.9 | 279.0 |
| 145° | 161.0 | 168.7 | 178.4 | 188.4 | 198.3 | 209.0 | 220.6 | 231.6 | 243.4 | 254.4 | 264.8 |
| 147.5° | 164.8 | 171.8 | 180.9 | 189.7 | 198.6 | 207.8 | 217.8 | 227.2 | 236.5 | 245.1 | 252.7 |
| 150° | 167.3 | 173.8 | 182.0 | 190.2 | 198.3 | 206.9 | 215.5 | 224.1 | 232.0 | 239.4 | 245.8 |
| 152.5° | 170.0 | 175.7 | 183.1 | 190.5 | 197.8 | 205.5 | 213.5 | 221.0 | 228.2 | 234.6 | 240.1 |
| 155° | 173.4 | 178.7 | 184.8 | 190.9 | 196.9 | 203.0 | 209.8 | 216.6 | 222.3 | 227.6 | 231.6 |
| 157.5° | 176.4 | 180.9 | 186.0 | 190.9 | 195.3 | 200.5 | 206.3 | 211.6 | 216.3 | 220.8 | 223.9 |
| 160° | 178.4 | 182.4 | 186.6 | 190.9 | 194.5 | 198.7 | 203.7 | 208.3 | 212.3 | 216.2 | 218.7 |
| 162.5° | 180.2 | 183.2 | 186.9 | 190.6 | 193.6 | 197.3 | 201.5 | 205.2 | 208.6 | 212.0 | 213.9 |
| 165° | 182.0 | 184.1 | 187.3 | 189.9 | 192.0 | 194.5 | 197.6 | 200.6 | 203.0 | 205.5 | 206.9 |
| 167.5° | 183.6 | 184.9 | 187.2 | 189.3 | 190.4 | 192.0 | 194.0 | 196.0 | 197.9 | 199.7 | 201.0 |
| 170° | 184.1 | 185.2 | 186.9 | 188.7 | 189.5 | 190.6 | 192.0 | 193.8 | 194.8 | 196.2 | 196.9 |
| 172.5° | 184.7 | 185.5 | 186.7 | 187.9 | 188.3 | 188.8 | 190.0 | 191.2 | 192.0 | 193.1 | 193.5 |
| 175° | 185.2 | 185.5 | 186.2 | 186.9 | 186.6 | 186.9 | 187.3 | 188.4 | 188.7 | 189.1 | 189.5 |
| 177.5° | 185.5 | 185.5 | 185.8 | 186.4 | 185.8 | 185.5 | 185.8 | 186.4 | 186.4 | 186.7 | 186.7 |
| 180° | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

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 | 10.4 | 9.8 | 10.4 | 9.8 | 10.4 | 10.4 | 10.9 | 10.8 | 10.9 |
| 90° | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 | 11.4 | 10.7 | 11.4 |
| 92.5° | 21.2 | 20.1 | 20.3 | 19.8 | 20.3 | 20.1 | 21.2 | 21.5 | 23.7 | 26.7 | 31.1 |
| 95° | 44.2 | 41.4 | 40.3 | 40.7 | 40.3 | 41.4 | 44.2 | 48.9 | 56.8 | 71.7 | 93.5 |
| 97.5° | 97.0 | 88.3 | 83.1 | 80.1 | 83.1 | 88.3 | 97.0 | 114.1 | 139.9 | 178.4 | 218.1 |
| 100° | 159.9 | 144.5 | 134.2 | 127.7 | 134.2 | 144.5 | 159.9 | 189.5 | 232.7 | 281.6 | 325.8 |
| 102.5° | 272.6 | 246.4 | 233.5 | 224.8 | 233.5 | 246.4 | 272.6 | 304.8 | 350.5 | 386.3 | 396.3 |
| 105° | 444.5 | 422.4 | 407.1 | 402.1 | 407.1 | 422.4 | 444.5 | 466.8 | 478.5 | 473.8 | 433.5 |
| 107.5° | 524.6 | 523.4 | 520.3 | 513.7 | 520.3 | 523.4 | 524.6 | 521.8 | 504.5 | 467.5 | 406.7 |
| 110° | 537.8 | 544.5 | 547.8 | 547.3 | 547.8 | 544.5 | 537.8 | 522.4 | 493.1 | 447.5 | 383.5 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 527.5 | 538.8 | 544.8 | 546.7 | 544.8 | 538.8 | 527.5 | 506.1 | 472.5 | 423.7 | 362.4 |
| 115° | 500.3 | 516.6 | 525.9 | 529.2 | 525.9 | 516.6 | 500.3 | 474.9 | 438.2 | 391.4 | 336.5 |
| 117.5° | 467.9 | 485.2 | 494.9 | 497.7 | 494.9 | 485.2 | 467.9 | 442.0 | 407.6 | 365.2 | 316.9 |
| 120° | 446.8 | 463.5 | 473.8 | 477.5 | 473.8 | 463.5 | 446.8 | 421.7 | 389.3 | 351.4 | 307.2 |
| 122.5° | 427.6 | 444.1 | 453.3 | 456.3 | 453.3 | 444.1 | 427.6 | 405.2 | 375.9 | 340.0 | 299.5 |
| 125° | 403.9 | 417.5 | 426.4 | 429.3 | 426.4 | 417.5 | 403.9 | 383.2 | 356.5 | 325.1 | 288.3 |
| 127.5° | 382.8 | 395.6 | 403.2 | 405.6 | 403.2 | 395.6 | 382.8 | 364.8 | 340.1 | 310.5 | 277.2 |
| 130° | 370.0 | 382.1 | 389.3 | 392.1 | 389.3 | 382.1 | 370.0 | 352.5 | 329.0 | 300.8 | 270.1 |
| 132.5° | 356.9 | 369.0 | 375.6 | 378.2 | 375.6 | 369.0 | 356.9 | 339.7 | 317.6 | 291.6 | 263.3 |
| 135° | 336.1 | 347.9 | 354.4 | 355.8 | 354.4 | 347.9 | 336.1 | 320.7 | 300.8 | 277.2 | 253.7 |
| 137.5° | 315.9 | 326.0 | 331.6 | 333.8 | 331.6 | 326.0 | 315.9 | 301.8 | 284.5 | 265.8 | 246.1 |
| 140° | 301.8 | 311.1 | 316.5 | 318.6 | 316.5 | 311.1 | 301.8 | 290.4 | 274.8 | 258.3 | 241.2 |
| 142.5° | 289.8 | 298.3 | 303.1 | 303.5 | 303.1 | 298.3 | 289.8 | 279.0 | 265.9 | 251.8 | 237.2 |
| 145° | 273.3 | 279.4 | 283.0 | 284.0 | 283.0 | 279.4 | 273.3 | 264.8 | 254.4 | 243.4 | 231.6 |
| 147.5° | 259.7 | 264.6 | 267.0 | 267.7 | 267.0 | 264.6 | 259.7 | 252.7 | 245.1 | 236.5 | 227.2 |
| 150° | 251.2 | 255.5 | 257.6 | 258.0 | 257.6 | 255.5 | 251.2 | 245.8 | 239.4 | 232.0 | 224.1 |
| 152.5° | 244.4 | 248.0 | 249.6 | 249.7 | 249.6 | 248.0 | 244.4 | 240.1 | 234.6 | 228.2 | 221.0 |
| 155° | 235.5 | 238.0 | 239.4 | 238.7 | 239.4 | 238.0 | 235.5 | 231.6 | 227.6 | 222.3 | 216.6 |
| 157.5° | 226.6 | 228.7 | 229.3 | 229.3 | 229.3 | 228.7 | 226.6 | 223.9 | 220.8 | 216.3 | 211.6 |
| 160° | 221.3 | 223.0 | 223.4 | 223.4 | 223.4 | 223.0 | 221.3 | 218.7 | 216.2 | 212.3 | 208.3 |
| 162.5° | 216.4 | 217.6 | 217.9 | 217.6 | 217.9 | 217.6 | 216.4 | 213.9 | 212.0 | 208.6 | 205.2 |
| 165° | 208.3 | 209.8 | 209.8 | 209.4 | 209.8 | 209.8 | 208.3 | 206.9 | 205.5 | 203.0 | 200.6 |
| 167.5° | 201.6 | 202.4 | 202.3 | 201.9 | 202.3 | 202.4 | 201.6 | 201.0 | 199.7 | 197.9 | 196.0 |
| 170° | 197.3 | 198.3 | 198.0 | 197.3 | 198.0 | 198.3 | 197.3 | 196.9 | 196.2 | 194.8 | 193.8 |
| 172.5° | 193.9 | 194.4 | 194.0 | 193.6 | 194.0 | 194.4 | 193.9 | 193.5 | 193.1 | 192.0 | 191.2 |
| 175° | 189.5 | 189.9 | 189.5 | 188.7 | 189.5 | 189.9 | 189.5 | 189.5 | 189.1 | 188.7 | 188.4 |
| 177.5° | 186.7 | 186.7 | 186.4 | 185.8 | 186.4 | 186.7 | 186.7 | 186.7 | 186.7 | 186.4 | 186.4 |
| 180° | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

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° | 11.6 | 11.7 | 12.2 | 11.8 | 11.3 | 12.2 | 12.6 | 13.1 | 14.2 | 15.8 | 18.0 |
| 90° | 11.8 | 12.1 | 11.8 | 9.6 | 7.2 | 5.4 | 4.2 | 3.5 | 2.8 | 1.4 | 0.4 |
| 92.5° | 39.2 | 46.4 | 45.7 | 35.6 | 24.2 | 16.2 | 12.8 | 10.4 | 8.9 | 6.3 | 4.3 |
| 95° | 122.4 | 139.9 | 123.8 | 82.4 | 51.4 | 34.9 | 26.4 | 20.7 | 17.5 | 13.9 | 12.5 |
| 97.5° | 250.4 | 238.7 | 179.9 | 111.1 | 67.8 | 47.2 | 37.5 | 30.9 | 26.1 | 22.2 | 20.3 |
| 100° | 333.3 | 281.9 | 194.1 | 117.0 | 73.5 | 54.6 | 44.6 | 37.5 | 31.7 | 28.6 | 27.5 |
| 102.5° | 364.1 | 283.3 | 188.6 | 117.3 | 78.7 | 61.2 | 51.2 | 43.7 | 38.1 | 34.8 | 34.0 |
| 105° | 359.3 | 264.4 | 178.0 | 119.2 | 87.5 | 70.7 | 60.7 | 52.8 | 47.5 | 44.9 | 43.5 |
| 107.5° | 328.0 | 244.1 | 172.8 | 124.1 | 96.4 | 80.2 | 70.1 | 62.3 | 57.4 | 54.9 | 53.8 |
| 110° | 308.3 | 234.4 | 171.7 | 128.1 | 102.4 | 86.7 | 76.3 | 68.9 | 64.2 | 62.1 | 60.7 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 294.6 | 228.1 | 171.9 | 132.4 | 108.2 | 93.0 | 82.3 | 75.1 | 70.8 | 68.4 | 67.0 |
| 115° | 277.6 | 221.3 | 173.4 | 138.8 | 117.0 | 101.7 | 92.1 | 84.9 | 80.7 | 78.5 | 76.7 |
| 117.5° | 266.9 | 217.8 | 176.0 | 145.6 | 125.2 | 111.1 | 101.1 | 94.2 | 90.4 | 88.3 | 86.8 |
| 120° | 261.2 | 215.9 | 177.7 | 150.3 | 131.0 | 117.0 | 107.0 | 99.9 | 96.7 | 94.5 | 93.1 |
| 122.5° | 256.3 | 214.7 | 179.7 | 154.2 | 136.3 | 123.3 | 113.0 | 105.9 | 102.4 | 100.3 | 99.2 |
| 125° | 249.4 | 212.7 | 182.7 | 160.6 | 144.5 | 131.7 | 121.7 | 114.5 | 110.3 | 108.2 | 107.0 |
| 127.5° | 243.0 | 211.5 | 185.7 | 166.5 | 152.1 | 139.6 | 129.3 | 122.5 | 117.8 | 114.7 | 113.3 |
| 130° | 238.7 | 210.9 | 188.0 | 170.2 | 156.6 | 144.1 | 134.2 | 127.0 | 122.0 | 118.5 | 117.0 |
| 132.5° | 235.3 | 210.6 | 190.4 | 173.9 | 160.7 | 148.8 | 138.8 | 131.3 | 126.0 | 122.2 | 120.5 |
| 135° | 230.5 | 210.2 | 193.1 | 178.7 | 166.3 | 154.8 | 144.9 | 136.6 | 131.3 | 127.0 | 125.6 |
| 137.5° | 227.1 | 210.1 | 195.5 | 182.5 | 170.9 | 159.6 | 150.3 | 142.2 | 136.4 | 132.2 | 130.5 |
| 140° | 225.1 | 209.8 | 196.6 | 184.5 | 173.4 | 162.7 | 153.4 | 145.6 | 139.9 | 135.6 | 134.2 |
| 142.5° | 223.2 | 209.8 | 197.4 | 186.2 | 175.4 | 165.0 | 156.3 | 148.8 | 143.0 | 139.1 | 137.8 |
| 145° | 220.6 | 209.0 | 198.3 | 188.4 | 178.4 | 168.7 | 161.0 | 153.8 | 148.5 | 144.9 | 143.4 |
| 147.5° | 217.8 | 207.8 | 198.6 | 189.7 | 180.9 | 171.8 | 164.8 | 158.9 | 153.9 | 150.5 | 149.5 |
| 150° | 215.5 | 206.9 | 198.3 | 190.2 | 182.0 | 173.8 | 167.3 | 162.0 | 157.3 | 154.5 | 153.4 |
| 152.5° | 213.5 | 205.5 | 197.8 | 190.5 | 183.1 | 175.7 | 170.0 | 164.8 | 160.8 | 157.9 | 157.4 |
| 155° | 209.8 | 203.0 | 196.9 | 190.9 | 184.8 | 178.7 | 173.4 | 169.5 | 165.5 | 163.4 | 163.1 |
| 157.5° | 206.3 | 200.5 | 195.3 | 190.9 | 186.0 | 180.9 | 176.4 | 173.3 | 169.9 | 168.1 | 167.7 |
| 160° | 203.7 | 198.7 | 194.5 | 190.9 | 186.6 | 182.4 | 178.4 | 175.5 | 172.7 | 171.3 | 170.9 |
| 162.5° | 201.5 | 197.3 | 193.6 | 190.6 | 186.9 | 183.2 | 180.2 | 177.5 | 175.3 | 173.8 | 174.1 |
| 165° | 197.6 | 194.5 | 192.0 | 189.9 | 187.3 | 184.1 | 182.0 | 180.2 | 178.0 | 177.3 | 177.7 |
| 167.5° | 194.0 | 192.0 | 190.4 | 189.3 | 187.2 | 184.9 | 183.6 | 182.3 | 180.9 | 180.3 | 180.7 |
| 170° | 192.0 | 190.6 | 189.5 | 188.7 | 186.9 | 185.2 | 184.1 | 183.4 | 182.4 | 182.0 | 182.7 |
| 172.5° | 190.0 | 188.8 | 188.3 | 187.9 | 186.7 | 185.5 | 184.7 | 184.3 | 183.2 | 183.4 | 183.8 |
| 175° | 187.3 | 186.9 | 186.6 | 186.9 | 186.2 | 185.5 | 185.2 | 185.2 | 184.5 | 184.8 | 185.2 |
| 177.5° | 185.8 | 185.5 | 185.8 | 186.4 | 185.8 | 185.5 | 185.5 | 185.5 | 185.0 | 185.2 | 185.8 |
| 180° | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

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 | 12.3 | 11.8 | 11.4 | 12.2 | 12.5 | 12.4 | 12.9 | 13.5 | 12.9 | 13.4 |
| 90° | 1.4 | 2.8 | 3.5 | 4.2 | 5.4 | 7.2 | 9.6 | 11.8 | 12.1 | 11.8 | 11.4 |
| 92.5° | 6.3 | 8.9 | 10.4 | 12.8 | 16.2 | 24.2 | 35.6 | 45.7 | 46.4 | 39.2 | 31.1 |
| 95° | 13.9 | 17.5 | 20.7 | 26.4 | 34.9 | 51.4 | 82.4 | 123.8 | 139.9 | 122.4 | 93.5 |
| 97.5° | 22.2 | 26.1 | 30.9 | 37.5 | 47.2 | 67.8 | 111.1 | 179.9 | 238.7 | 250.4 | 218.1 |
| 100° | 28.6 | 31.7 | 37.5 | 44.6 | 54.6 | 73.5 | 117.0 | 194.1 | 281.9 | 333.3 | 325.8 |
| 102.5° | 34.8 | 38.1 | 43.7 | 51.2 | 61.2 | 78.7 | 117.3 | 188.6 | 283.3 | 364.1 | 396.3 |
| 105° | 44.9 | 47.5 | 52.8 | 60.7 | 70.7 | 87.5 | 119.2 | 178.0 | 264.4 | 359.3 | 433.5 |
| 107.5° | 54.9 | 57.4 | 62.3 | 70.1 | 80.2 | 96.4 | 124.1 | 172.8 | 244.1 | 328.0 | 406.7 |
| 110° | 62.1 | 64.2 | 68.9 | 76.3 | 86.7 | 102.4 | 128.1 | 171.7 | 234.4 | 308.3 | 383.5 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 68.4 | 70.8 | 75.1 | 82.3 | 93.0 | 108.2 | 132.4 | 171.9 | 228.1 | 294.6 | 362.4 |
| 115° | 78.5 | 80.7 | 84.9 | 92.1 | 101.7 | 117.0 | 138.8 | 173.4 | 221.3 | 277.6 | 336.5 |
| 117.5° | 88.3 | 90.4 | 94.2 | 101.1 | 111.1 | 125.2 | 145.6 | 176.0 | 217.8 | 266.9 | 316.9 |
| 120° | 94.5 | 96.7 | 99.9 | 107.0 | 117.0 | 131.0 | 150.3 | 177.7 | 215.9 | 261.2 | 307.2 |
| 122.5° | 100.3 | 102.4 | 105.9 | 113.0 | 123.3 | 136.3 | 154.2 | 179.7 | 214.7 | 256.3 | 299.5 |
| 125° | 108.2 | 110.3 | 114.5 | 121.7 | 131.7 | 144.5 | 160.6 | 182.7 | 212.7 | 249.4 | 288.3 |
| 127.5° | 114.7 | 117.8 | 122.5 | 129.3 | 139.6 | 152.1 | 166.5 | 185.7 | 211.5 | 243.0 | 277.2 |
| 130° | 118.5 | 122.0 | 127.0 | 134.2 | 144.1 | 156.6 | 170.2 | 188.0 | 210.9 | 238.7 | 270.1 |
| 132.5° | 122.2 | 126.0 | 131.3 | 138.8 | 148.8 | 160.7 | 173.9 | 190.4 | 210.6 | 235.3 | 263.3 |
| 135° | 127.0 | 131.3 | 136.6 | 144.9 | 154.8 | 166.3 | 178.7 | 193.1 | 210.2 | 230.5 | 253.7 |
| 137.5° | 132.2 | 136.4 | 142.2 | 150.3 | 159.6 | 170.9 | 182.5 | 195.5 | 210.1 | 227.1 | 246.1 |
| 140° | 135.6 | 139.9 | 145.6 | 153.4 | 162.7 | 173.4 | 184.5 | 196.6 | 209.8 | 225.1 | 241.2 |
| 142.5° | 139.1 | 143.0 | 148.8 | 156.3 | 165.0 | 175.4 | 186.2 | 197.4 | 209.8 | 223.2 | 237.2 |
| 145° | 144.9 | 148.5 | 153.8 | 161.0 | 168.7 | 178.4 | 188.4 | 198.3 | 209.0 | 220.6 | 231.6 |
| 147.5° | 150.5 | 153.9 | 158.9 | 164.8 | 171.8 | 180.9 | 189.7 | 198.6 | 207.8 | 217.8 | 227.2 |
| 150° | 154.5 | 157.3 | 162.0 | 167.3 | 173.8 | 182.0 | 190.2 | 198.3 | 206.9 | 215.5 | 224.1 |
| 152.5° | 157.9 | 160.8 | 164.8 | 170.0 | 175.7 | 183.1 | 190.5 | 197.8 | 205.5 | 213.5 | 221.0 |
| 155° | 163.4 | 165.5 | 169.5 | 173.4 | 178.7 | 184.8 | 190.9 | 196.9 | 203.0 | 209.8 | 216.6 |
| 157.5° | 168.1 | 169.9 | 173.3 | 176.4 | 180.9 | 186.0 | 190.9 | 195.3 | 200.5 | 206.3 | 211.6 |
| 160° | 171.3 | 172.7 | 175.5 | 178.4 | 182.4 | 186.6 | 190.9 | 194.5 | 198.7 | 203.7 | 208.3 |
| 162.5° | 173.8 | 175.3 | 177.5 | 180.2 | 183.2 | 186.9 | 190.6 | 193.6 | 197.3 | 201.5 | 205.2 |
| 165° | 177.3 | 178.0 | 180.2 | 182.0 | 184.1 | 187.3 | 189.9 | 192.0 | 194.5 | 197.6 | 200.6 |
| 167.5° | 180.3 | 180.9 | 182.3 | 183.6 | 184.9 | 187.2 | 189.3 | 190.4 | 192.0 | 194.0 | 196.0 |
| 170° | 182.0 | 182.4 | 183.4 | 184.1 | 185.2 | 186.9 | 188.7 | 189.5 | 190.6 | 192.0 | 193.8 |
| 172.5° | 183.4 | 183.2 | 184.3 | 184.7 | 185.5 | 186.7 | 187.9 | 188.3 | 188.8 | 190.0 | 191.2 |
| 175° | 184.8 | 184.5 | 185.2 | 185.2 | 185.5 | 186.2 | 186.9 | 186.6 | 186.9 | 187.3 | 188.4 |
| 177.5° | 185.2 | 185.0 | 185.5 | 185.5 | 185.5 | 185.8 | 186.4 | 185.8 | 185.5 | 185.8 | 186.4 |
| 180° | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

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° | 12.6 | 12.8 | 12.9 | 12.9 | 12.9 | 12.9 | 12.2 |
| 90° | 10.7 | 11.4 | 11.8 | 11.8 | 11.8 | 11.8 | 11.8 |
| 92.5° | 26.7 | 23.7 | 21.5 | 21.2 | 20.1 | 20.3 | 19.8 |
| 95° | 71.7 | 56.8 | 48.9 | 44.2 | 41.4 | 40.3 | 40.7 |
| 97.5° | 178.4 | 139.9 | 114.1 | 97.0 | 88.3 | 83.1 | 80.1 |
| 100° | 281.6 | 232.7 | 189.5 | 159.9 | 144.5 | 134.2 | 127.7 |
| 102.5° | 386.3 | 350.5 | 304.8 | 272.6 | 246.4 | 233.5 | 224.8 |
| 105° | 473.8 | 478.5 | 466.8 | 444.5 | 422.4 | 407.1 | 402.1 |
| 107.5° | 467.5 | 504.5 | 521.8 | 524.6 | 523.4 | 520.3 | 513.7 |
| 110° | 447.5 | 493.1 | 522.4 | 537.8 | 544.5 | 547.8 | 547.3 |



TEST NUMBER: P331737-840

CATALOG NUMBER: SA2XXRDIP-C1005D330U840-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 423.7 | 472.5 | 506.1 | 527.5 | 538.8 | 544.8 | 546.7 |
| 115° | 391.4 | 438.2 | 474.9 | 500.3 | 516.6 | 525.9 | 529.2 |
| 117.5° | 365.2 | 407.6 | 442.0 | 467.9 | 485.2 | 494.9 | 497.7 |
| 120° | 351.4 | 389.3 | 421.7 | 446.8 | 463.5 | 473.8 | 477.5 |
| 122.5° | 340.0 | 375.9 | 405.2 | 427.6 | 444.1 | 453.3 | 456.3 |
| 125° | 325.1 | 356.5 | 383.2 | 403.9 | 417.5 | 426.4 | 429.3 |
| 127.5° | 310.5 | 340.1 | 364.8 | 382.8 | 395.6 | 403.2 | 405.6 |
| 130° | 300.8 | 329.0 | 352.5 | 370.0 | 382.1 | 389.3 | 392.1 |
| 132.5° | 291.6 | 317.6 | 339.7 | 356.9 | 369.0 | 375.6 | 378.2 |
| 135° | 277.2 | 300.8 | 320.7 | 336.1 | 347.9 | 354.4 | 355.8 |
| 137.5° | 265.8 | 284.5 | 301.8 | 315.9 | 326.0 | 331.6 | 333.8 |
| 140° | 258.3 | 274.8 | 290.4 | 301.8 | 311.1 | 316.5 | 318.6 |
| 142.5° | 251.8 | 265.9 | 279.0 | 289.8 | 298.3 | 303.1 | 303.5 |
| 145° | 243.4 | 254.4 | 264.8 | 273.3 | 279.4 | 283.0 | 284.0 |
| 147.5° | 236.5 | 245.1 | 252.7 | 259.7 | 264.6 | 267.0 | 267.7 |
| 150° | 232.0 | 239.4 | 245.8 | 251.2 | 255.5 | 257.6 | 258.0 |
| 152.5° | 228.2 | 234.6 | 240.1 | 244.4 | 248.0 | 249.6 | 249.7 |
| 155° | 222.3 | 227.6 | 231.6 | 235.5 | 238.0 | 239.4 | 238.7 |
| 157.5° | 216.3 | 220.8 | 223.9 | 226.6 | 228.7 | 229.3 | 229.3 |
| 160° | 212.3 | 216.2 | 218.7 | 221.3 | 223.0 | 223.4 | 223.4 |
| 162.5° | 208.6 | 212.0 | 213.9 | 216.4 | 217.6 | 217.9 | 217.6 |
| 165° | 203.0 | 205.5 | 206.9 | 208.3 | 209.8 | 209.8 | 209.4 |
| 167.5° | 197.9 | 199.7 | 201.0 | 201.6 | 202.4 | 202.3 | 201.9 |
| 170° | 194.8 | 196.2 | 196.9 | 197.3 | 198.3 | 198.0 | 197.3 |
| 172.5° | 192.0 | 193.1 | 193.5 | 193.9 | 194.4 | 194.0 | 193.6 |
| 175° | 188.7 | 189.1 | 189.5 | 189.5 | 189.9 | 189.5 | 188.7 |
| 177.5° | 186.4 | 186.7 | 186.7 | 186.7 | 186.7 | 186.4 | 185.8 |
| 180° | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 | 185.5 |

(END OF REPORT)