

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: P331651-927

Luminaire Tested: **SA2XXRDIP-C485D530U927-4F0-1E-UDD-A**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P331651-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 485 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 530 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3147.2 lumens
Efficiency: N/A
Efficacy: 95.9 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

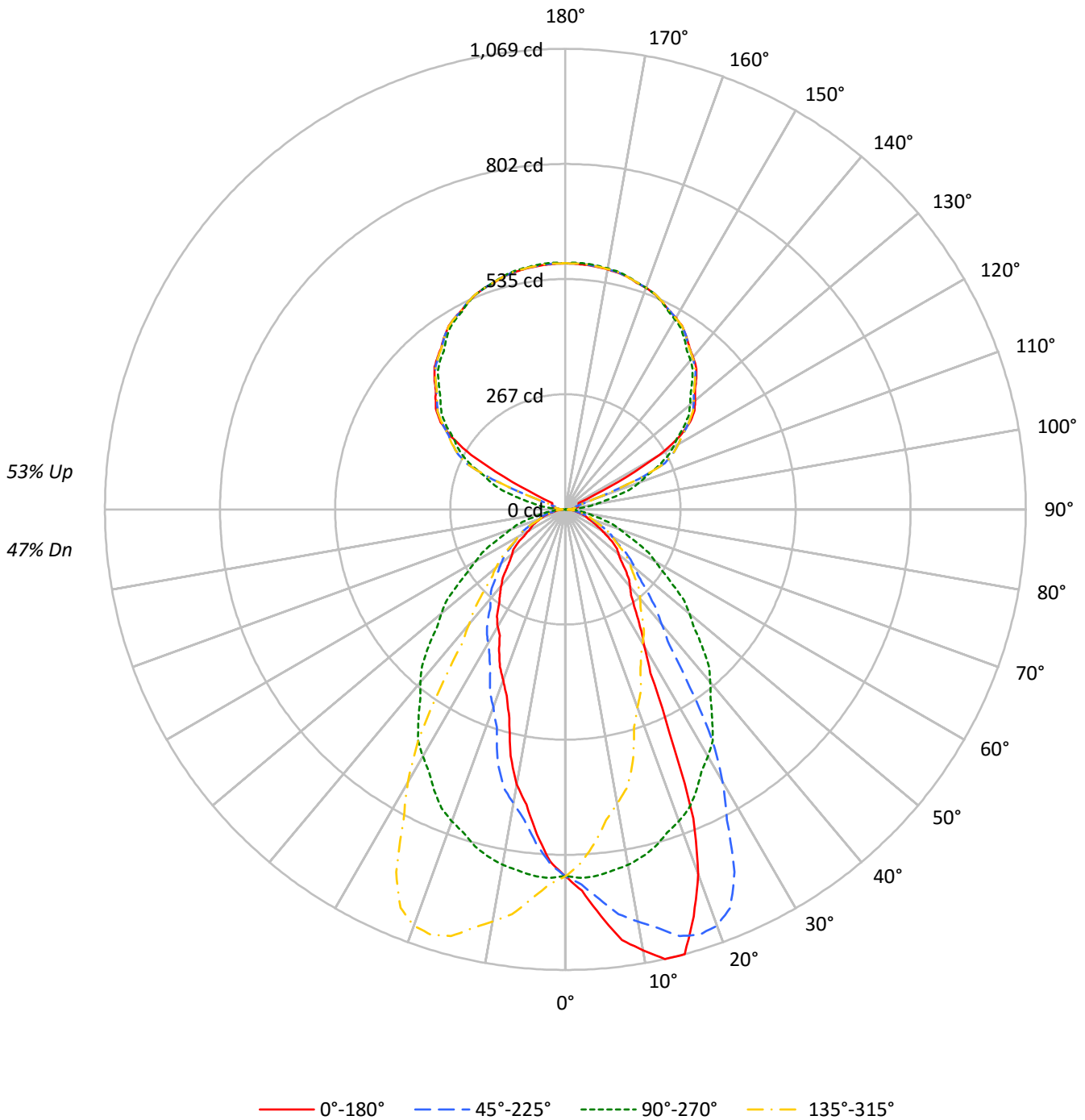
Input Watts (W): 32.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 106 | 106 | 106 | 106 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 53 | 53 | 53 | 47 | | | | 47 |
| 1 | 98 | 94 | 90 | 87 | 90 | 86 | 83 | 81 | 73 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 | 41 | | | | 41 |
| 2 | 90 | 83 | 77 | 72 | 82 | 76 | 71 | 67 | 64 | 61 | 58 | 53 | 51 | 49 | 43 | 42 | 40 | 35 | | | | 35 |
| 3 | 82 | 73 | 67 | 61 | 75 | 68 | 62 | 57 | 58 | 53 | 50 | 48 | 45 | 42 | 39 | 37 | 35 | 31 | | | | 31 |
| 4 | 76 | 66 | 58 | 52 | 69 | 61 | 54 | 49 | 52 | 47 | 43 | 43 | 40 | 37 | 35 | 33 | 31 | 27 | | | | 27 |
| 5 | 70 | 59 | 51 | 46 | 64 | 55 | 48 | 43 | 47 | 42 | 38 | 39 | 36 | 33 | 32 | 30 | 28 | 24 | | | | 24 |
| 6 | 65 | 53 | 45 | 40 | 59 | 49 | 43 | 38 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 25 | 22 | | | | 22 |
| 7 | 60 | 48 | 41 | 35 | 55 | 45 | 38 | 33 | 39 | 34 | 30 | 33 | 29 | 26 | 27 | 25 | 22 | 20 | | | | 20 |
| 8 | 56 | 44 | 37 | 32 | 51 | 41 | 35 | 30 | 36 | 30 | 27 | 30 | 26 | 23 | 25 | 23 | 20 | 18 | | | | 18 |
| 9 | 52 | 40 | 33 | 28 | 48 | 38 | 31 | 27 | 33 | 28 | 24 | 28 | 24 | 21 | 24 | 21 | 19 | 16 | | | | 16 |
| 10 | 49 | 37 | 30 | 26 | 45 | 35 | 29 | 24 | 30 | 25 | 22 | 26 | 22 | 20 | 22 | 19 | 17 | 15 | | | | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 13747 | 13747 | 13747 | 13747 |
| 5° | 15352 | 13833 | 12266 | 13833 |
| 10° | 17033 | 13736 | 10632 | 13736 |
| 15° | 17870 | 13534 | 8376 | 13534 |
| 20° | 15493 | 13235 | 7247 | 13235 |
| 25° | 10162 | 12827 | 6472 | 12827 |
| 30° | 6840 | 12333 | 5858 | 12333 |
| 35° | 5541 | 11710 | 5282 | 11710 |
| 40° | 4926 | 11030 | 4890 | 11030 |
| 45° | 4459 | 10234 | 4364 | 10234 |
| 50° | 4057 | 9445 | 4042 | 9445 |
| 55° | 3814 | 8569 | 3764 | 8569 |
| 60° | 3190 | 7766 | 3152 | 7766 |
| 65° | 2690 | 7053 | 3053 | 7053 |
| 70° | 2488 | 6297 | 2875 | 6297 |
| 75° | 2327 | 5483 | 2658 | 5483 |
| 80° | 2148 | 4510 | 2362 | 4510 |
| 85° | 1964 | 3575 | 2075 | 3575 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 80.7 | 2.6 |
| 10°-20° | 224.9 | 7.1 |
| 20°-30° | 289.8 | 9.2 |
| 30°-40° | 275.4 | 8.8 |
| 40°-50° | 235.9 | 7.5 |
| 50°-60° | 179.7 | 5.7 |
| 60°-70° | 113.6 | 3.6 |
| 70°-80° | 56.7 | 1.8 |
| 80°-90° | 16.2 | 0.5 |
| 90°-100° | 19.1 | 0.6 |
| 100°-110° | 69.9 | 2.2 |
| 110°-120° | 186.8 | 5.9 |
| 120°-130° | 308.4 | 9.8 |
| 130°-140° | 328.0 | 10.4 |
| 140°-150° | 304.8 | 9.7 |
| 150°-160° | 245.1 | 7.8 |
| 160°-170° | 157.9 | 5.0 |
| 170°-180° | 54.4 | 1.7 |
| 0°-30° | 595.4 | 18.9 |
| 0°-40° | 870.8 | 27.7 |
| 0°-60° | 1286.4 | 40.9 |
| 0°-90° | 1472.8 | 46.8 |
| 90°-120° | 275.8 | 8.8 |
| 90°-150° | 1217.0 | 38.7 |
| 90°-180° | 1674.0 | 53.2 |
| 0°-180° | 3147.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 851 | 851 | 851 | 851 | 851 | |
| 5° | 947 | 854 | 757 | 854 | 947 | 93 |
| 15° | 1069 | 810 | 501 | 810 | 1069 | 288 |
| 25° | 570 | 720 | 363 | 720 | 570 | 271 |
| 35° | 281 | 594 | 268 | 594 | 281 | 180 |
| 45° | 195 | 448 | 191 | 448 | 195 | 151 |
| 55° | 136 | 304 | 134 | 304 | 136 | 119 |
| 65° | 70 | 185 | 80 | 185 | 70 | 72 |
| 75° | 37 | 88 | 43 | 88 | 37 | 40 |
| 85° | 11 | 19 | 11 | 19 | 11 | 12 |
| 90° | 11 | 0 | 11 | 0 | 11 | 5 |
| 95° | 18 | 27 | 18 | 27 | 18 | 17 |
| 105° | 31 | 126 | 31 | 126 | 31 | 33 |
| 115° | 34 | 238 | 34 | 238 | 34 | 85 |
| 125° | 354 | 336 | 354 | 336 | 354 | 306 |
| 135° | 430 | 416 | 430 | 416 | 430 | 331 |
| 145° | 490 | 482 | 490 | 482 | 490 | 306 |
| 155° | 532 | 531 | 532 | 531 | 532 | 245 |
| 165° | 558 | 560 | 558 | 560 | 558 | 158 |
| 175° | 569 | 573 | 569 | 573 | 569 | 54 |
| 180° | 571 | 571 | 571 | 571 | 571 | |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 |
| 2.5° | 886.0 | 886.7 | 887.4 | 885.7 | 885.7 | 884.3 | 881.2 | 878.8 | 872.2 | 871.2 | 871.2 |
| 5° | 947.2 | 946.7 | 947.8 | 944.0 | 938.7 | 937.5 | 931.8 | 924.5 | 916.8 | 908.2 | 906.4 |
| 7.5° | 1008.2 | 1007.3 | 1005.0 | 1004.2 | 1000.2 | 991.3 | 982.2 | 972.6 | 959.8 | 947.3 | 941.0 |
| 10° | 1038.9 | 1048.7 | 1042.8 | 1032.5 | 1034.5 | 1020.6 | 1013.2 | 1000.5 | 989.8 | 971.2 | 967.1 |
| 12.5° | 1069.2 | 1073.1 | 1071.2 | 1065.3 | 1062.7 | 1053.0 | 1043.1 | 1032.0 | 1012.3 | 995.6 | 981.0 |
| 15° | 1069.1 | 1074.8 | 1076.3 | 1074.4 | 1075.9 | 1075.3 | 1070.0 | 1060.8 | 1043.7 | 1025.3 | 1009.4 |
| 17.5° | 990.2 | 994.1 | 1003.8 | 1010.3 | 1018.7 | 1036.2 | 1044.8 | 1048.2 | 1045.6 | 1035.1 | 1023.9 |
| 20° | 901.7 | 895.2 | 922.4 | 936.3 | 948.2 | 977.7 | 1003.1 | 1012.9 | 1028.6 | 1028.3 | 1025.3 |
| 22.5° | 776.3 | 777.8 | 803.6 | 820.1 | 854.7 | 884.2 | 913.2 | 950.0 | 980.3 | 1000.4 | 1012.1 |
| 25° | 570.4 | 581.6 | 607.4 | 629.8 | 668.3 | 723.3 | 773.3 | 831.3 | 886.0 | 929.2 | 970.3 |
| 27.5° | 428.3 | 429.2 | 449.6 | 470.4 | 493.2 | 538.3 | 601.3 | 670.5 | 748.5 | 812.9 | 886.9 |
| 30° | 366.9 | 365.0 | 373.7 | 386.3 | 405.9 | 440.8 | 488.1 | 556.2 | 634.0 | 731.0 | 817.4 |
| 32.5° | 323.3 | 323.4 | 329.9 | 339.3 | 355.5 | 379.0 | 411.5 | 466.7 | 540.3 | 635.6 | 736.9 |
| 35° | 281.1 | 280.7 | 285.5 | 292.3 | 299.0 | 314.2 | 336.4 | 365.4 | 416.0 | 505.0 | 608.6 |
| 37.5° | 250.7 | 252.1 | 254.4 | 258.6 | 266.1 | 274.5 | 287.9 | 307.3 | 343.3 | 396.0 | 483.0 |
| 40° | 233.7 | 234.3 | 237.6 | 241.1 | 245.6 | 252.1 | 263.0 | 278.7 | 305.0 | 347.0 | 410.6 |
| 42.5° | 218.1 | 218.6 | 221.0 | 224.3 | 227.8 | 234.3 | 243.4 | 256.9 | 278.3 | 311.0 | 363.5 |
| 45° | 195.3 | 195.3 | 197.3 | 198.8 | 202.6 | 208.6 | 215.9 | 227.2 | 242.0 | 266.3 | 301.2 |
| 47.5° | 173.8 | 173.9 | 175.2 | 177.8 | 180.2 | 184.8 | 192.1 | 201.3 | 212.1 | 230.8 | 260.6 |
| 50° | 161.5 | 161.8 | 162.7 | 164.8 | 166.3 | 170.4 | 176.0 | 184.0 | 195.3 | 209.8 | 234.6 |
| 52.5° | 151.5 | 151.4 | 152.5 | 153.4 | 154.4 | 157.4 | 161.6 | 168.7 | 178.7 | 191.3 | 211.9 |
| 55° | 135.5 | 134.3 | 136.1 | 137.5 | 138.5 | 139.7 | 142.0 | 146.5 | 155.0 | 165.6 | 181.0 |
| 57.5° | 115.3 | 114.9 | 116.1 | 117.5 | 120.3 | 123.5 | 125.5 | 128.3 | 132.8 | 140.4 | 155.7 |
| 60° | 98.8 | 98.8 | 101.5 | 102.3 | 105.6 | 109.7 | 113.9 | 116.3 | 120.7 | 125.7 | 137.0 |
| 62.5° | 84.1 | 84.4 | 85.6 | 86.5 | 88.3 | 93.4 | 99.3 | 104.4 | 108.6 | 113.4 | 120.9 |
| 65° | 70.4 | 71.0 | 71.0 | 71.6 | 72.8 | 74.0 | 76.3 | 80.5 | 87.9 | 94.7 | 100.3 |
| 67.5° | 59.7 | 60.0 | 60.1 | 60.7 | 61.0 | 62.3 | 63.2 | 65.1 | 66.8 | 73.3 | 80.2 |
| 70° | 52.7 | 53.6 | 53.2 | 53.9 | 54.1 | 54.7 | 55.9 | 56.8 | 59.5 | 60.9 | 65.1 |
| 72.5° | 46.0 | 46.7 | 46.7 | 47.0 | 47.8 | 47.8 | 48.8 | 49.7 | 51.4 | 52.7 | 54.9 |
| 75° | 37.3 | 37.0 | 37.3 | 37.9 | 38.2 | 38.4 | 38.4 | 39.6 | 40.6 | 41.7 | 43.2 |
| 77.5° | 28.8 | 29.1 | 29.0 | 29.1 | 29.1 | 29.6 | 29.5 | 30.1 | 31.0 | 31.6 | 32.3 |
| 80° | 23.1 | 23.4 | 23.1 | 23.4 | 23.7 | 23.9 | 23.7 | 23.9 | 24.9 | 25.4 | 25.4 |
| 82.5° | 17.9 | 17.9 | 18.1 | 18.1 | 18.2 | 18.3 | 18.7 | 18.8 | 19.4 | 19.3 | 19.5 |
| 85° | 10.6 | 10.4 | 10.4 | 10.4 | 10.6 | 10.9 | 10.6 | 10.6 | 10.9 | 10.9 | 10.9 |
| 87.5° | 6.0 | 6.3 | 6.2 | 6.2 | 6.1 | 6.0 | 5.9 | 6.1 | 5.8 | 5.9 | 5.5 |
| 90° | 11.2 | 11.0 | 10.8 | 10.6 | 10.5 | 10.1 | 9.7 | 9.2 | 8.7 | 8.2 | 7.5 |
| 92.5° | 11.2 | 11.1 | 10.9 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 9.8 | 9.6 | 9.2 |
| 95° | 17.7 | 17.9 | 18.0 | 18.1 | 18.1 | 18.0 | 17.5 | 17.0 | 16.6 | 16.2 | 15.4 |
| 97.5° | 23.8 | 23.6 | 23.5 | 23.4 | 23.3 | 23.1 | 22.7 | 22.3 | 21.9 | 21.5 | 20.1 |
| 100° | 27.7 | 27.5 | 27.3 | 27.2 | 26.9 | 26.5 | 25.7 | 25.0 | 24.3 | 23.5 | 22.0 |
| 102.5° | 29.7 | 29.4 | 29.2 | 28.9 | 28.7 | 28.0 | 27.1 | 26.1 | 25.2 | 24.2 | 37.3 |
| 105° | 31.4 | 31.1 | 30.7 | 30.3 | 29.9 | 29.2 | 28.3 | 27.3 | 26.2 | 25.2 | 50.3 |
| 107.5° | 32.3 | 31.9 | 31.6 | 31.2 | 30.9 | 31.2 | 32.2 | 33.3 | 34.3 | 35.3 | 65.4 |
| 110° | 32.6 | 32.3 | 31.9 | 31.5 | 31.2 | 35.6 | 44.8 | 53.9 | 63.1 | 72.3 | 98.9 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 33.0 | 32.7 | 32.4 | 32.1 | 31.8 | 48.4 | 81.9 | 115.4 | 148.9 | 182.5 | 189.0 |
| 115° | 33.9 | 40.5 | 47.1 | 53.7 | 60.4 | 84.9 | 127.5 | 170.0 | 212.5 | 255.1 | 252.8 |
| 117.5° | 138.4 | 160.2 | 181.9 | 203.6 | 225.4 | 241.4 | 251.7 | 262.0 | 272.3 | 282.5 | 281.0 |
| 120° | 252.2 | 264.6 | 277.0 | 289.4 | 301.8 | 307.4 | 306.3 | 305.2 | 304.1 | 303.0 | 301.3 |
| 122.5° | 314.7 | 317.1 | 319.5 | 321.9 | 324.3 | 325.2 | 324.6 | 323.8 | 323.2 | 322.6 | 320.8 |
| 125° | 353.5 | 353.2 | 352.9 | 352.7 | 352.4 | 351.9 | 351.3 | 350.6 | 350.0 | 349.4 | 347.6 |
| 127.5° | 378.0 | 377.9 | 377.9 | 377.8 | 377.7 | 377.2 | 376.3 | 375.3 | 374.4 | 373.5 | 372.2 |
| 130° | 393.2 | 393.2 | 393.3 | 393.4 | 393.6 | 393.1 | 392.1 | 391.0 | 390.1 | 389.0 | 388.0 |
| 132.5° | 408.1 | 408.1 | 408.2 | 408.3 | 408.4 | 408.1 | 407.2 | 406.3 | 405.4 | 404.6 | 403.5 |
| 135° | 429.5 | 429.8 | 429.9 | 430.1 | 430.3 | 429.9 | 429.0 | 428.1 | 427.1 | 426.2 | 425.4 |
| 137.5° | 449.2 | 449.5 | 449.7 | 450.0 | 450.4 | 450.1 | 449.2 | 448.3 | 447.4 | 446.5 | 445.5 |
| 140° | 461.4 | 461.8 | 462.3 | 462.7 | 463.2 | 463.0 | 462.2 | 461.4 | 460.6 | 459.7 | 458.7 |
| 142.5° | 473.2 | 473.7 | 474.2 | 474.7 | 475.2 | 475.0 | 474.2 | 473.5 | 472.7 | 472.0 | 470.8 |
| 145° | 489.9 | 490.4 | 490.8 | 491.3 | 491.7 | 491.6 | 491.0 | 490.4 | 489.7 | 489.1 | 487.5 |
| 147.5° | 504.5 | 504.9 | 505.3 | 505.7 | 506.0 | 506.0 | 505.6 | 505.1 | 504.6 | 504.1 | 502.6 |
| 150° | 513.5 | 513.9 | 514.4 | 514.8 | 515.3 | 515.2 | 514.7 | 514.1 | 513.6 | 513.0 | 511.6 |
| 152.5° | 521.1 | 521.7 | 522.3 | 522.9 | 523.5 | 523.6 | 523.0 | 522.4 | 521.9 | 521.3 | 519.9 |
| 155° | 531.6 | 532.4 | 533.1 | 533.9 | 534.6 | 534.7 | 534.2 | 533.6 | 533.1 | 532.5 | 531.4 |
| 157.5° | 541.3 | 542.0 | 542.7 | 543.4 | 544.2 | 544.2 | 543.6 | 543.0 | 542.3 | 541.8 | 541.0 |
| 160° | 546.9 | 547.6 | 548.3 | 548.9 | 549.5 | 549.5 | 549.0 | 548.4 | 548.0 | 547.4 | 546.8 |
| 162.5° | 551.6 | 552.4 | 553.2 | 554.0 | 554.8 | 554.8 | 554.2 | 553.6 | 552.9 | 552.3 | 551.8 |
| 165° | 558.5 | 559.2 | 559.8 | 560.5 | 561.1 | 561.1 | 560.5 | 559.8 | 559.2 | 558.5 | 558.3 |
| 167.5° | 562.9 | 563.7 | 564.6 | 565.4 | 566.3 | 566.3 | 565.7 | 565.0 | 564.4 | 563.7 | 563.5 |
| 170° | 565.5 | 566.4 | 567.2 | 568.0 | 568.9 | 568.9 | 568.3 | 567.7 | 567.0 | 566.4 | 566.2 |
| 172.5° | 567.5 | 568.4 | 569.2 | 570.1 | 570.8 | 570.9 | 570.3 | 569.7 | 569.0 | 568.4 | 568.2 |
| 175° | 569.3 | 570.2 | 571.1 | 572.0 | 573.0 | 573.1 | 572.4 | 571.8 | 571.2 | 570.5 | 570.3 |
| 177.5° | 570.4 | 571.0 | 571.6 | 572.4 | 573.0 | 573.1 | 572.6 | 572.0 | 571.6 | 571.0 | 570.9 |
| 180° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 |
| 2.5° | 871.7 | 869.9 | 868.2 | 864.0 | 861.8 | 857.1 | 856.3 | 856.1 | 850.0 | 844.1 | 842.4 |
| 5° | 901.7 | 897.0 | 889.9 | 881.5 | 873.0 | 864.1 | 858.2 | 853.5 | 841.6 | 830.4 | 823.9 |
| 7.5° | 931.8 | 921.7 | 909.4 | 893.7 | 880.7 | 866.0 | 855.2 | 845.3 | 828.5 | 812.5 | 801.6 |
| 10° | 954.3 | 937.8 | 921.5 | 899.9 | 883.0 | 866.5 | 851.1 | 837.8 | 818.9 | 797.6 | 782.4 |
| 12.5° | 968.3 | 950.1 | 927.6 | 906.6 | 884.7 | 863.6 | 843.0 | 825.9 | 803.7 | 781.7 | 763.7 |
| 15° | 987.2 | 967.7 | 940.5 | 910.3 | 882.2 | 854.7 | 831.0 | 809.7 | 780.7 | 754.4 | 732.5 |
| 17.5° | 1002.7 | 975.7 | 946.5 | 911.6 | 879.1 | 844.1 | 813.7 | 786.4 | 754.2 | 722.4 | 696.6 |
| 20° | 1007.6 | 981.0 | 947.2 | 912.4 | 873.9 | 832.7 | 799.9 | 770.3 | 735.7 | 701.1 | 671.5 |
| 22.5° | 1004.5 | 983.8 | 946.3 | 904.5 | 865.1 | 822.1 | 785.1 | 750.7 | 712.3 | 677.0 | 642.7 |
| 25° | 983.7 | 976.5 | 941.0 | 895.5 | 850.5 | 800.5 | 757.6 | 720.0 | 676.3 | 638.4 | 601.1 |
| 27.5° | 934.9 | 950.3 | 928.3 | 879.7 | 829.7 | 776.1 | 727.9 | 685.2 | 639.7 | 597.1 | 559.9 |
| 30° | 888.1 | 923.3 | 913.8 | 868.9 | 812.9 | 760.3 | 706.2 | 661.5 | 613.0 | 569.2 | 532.5 |
| 32.5° | 823.9 | 882.1 | 891.4 | 853.7 | 795.9 | 738.0 | 681.3 | 636.8 | 586.2 | 540.0 | 504.3 |
| 35° | 721.8 | 808.8 | 848.7 | 824.7 | 766.8 | 704.4 | 645.8 | 594.1 | 543.1 | 497.6 | 462.1 |
| 37.5° | 600.0 | 718.4 | 785.1 | 786.7 | 733.5 | 668.6 | 604.8 | 553.4 | 501.3 | 456.6 | 418.2 |
| 40° | 520.9 | 649.4 | 736.0 | 755.3 | 710.3 | 640.2 | 575.7 | 523.3 | 472.5 | 428.6 | 384.6 |
| 42.5° | 450.0 | 577.9 | 684.4 | 717.9 | 682.1 | 612.5 | 547.8 | 493.1 | 443.5 | 402.1 | 357.1 |
| 45° | 363.8 | 475.7 | 593.1 | 652.9 | 633.1 | 568.5 | 500.3 | 448.2 | 401.7 | 365.9 | 322.7 |
| 47.5° | 307.0 | 385.8 | 499.4 | 580.3 | 579.9 | 521.0 | 453.8 | 403.9 | 360.8 | 327.3 | 292.3 |
| 50° | 274.5 | 343.2 | 439.3 | 531.0 | 538.7 | 489.3 | 425.4 | 376.0 | 335.8 | 300.6 | 272.4 |
| 52.5° | 245.4 | 302.0 | 388.4 | 476.3 | 498.2 | 455.4 | 393.5 | 347.8 | 308.8 | 276.4 | 252.3 |
| 55° | 207.4 | 251.1 | 316.9 | 399.1 | 432.2 | 402.0 | 347.0 | 304.4 | 272.7 | 245.6 | 224.8 |
| 57.5° | 175.4 | 208.3 | 260.9 | 327.2 | 365.8 | 346.7 | 301.4 | 266.8 | 239.7 | 215.1 | 198.8 |
| 60° | 155.3 | 182.2 | 226.9 | 282.3 | 324.8 | 311.5 | 272.7 | 240.5 | 217.5 | 196.1 | 180.8 |
| 62.5° | 136.4 | 159.5 | 197.8 | 242.7 | 281.8 | 276.2 | 244.6 | 217.5 | 197.3 | 177.9 | 164.9 |
| 65° | 109.7 | 126.6 | 156.5 | 191.7 | 223.1 | 225.7 | 203.0 | 184.6 | 166.5 | 151.1 | 139.7 |
| 67.5° | 87.4 | 98.4 | 119.5 | 149.1 | 172.6 | 181.0 | 167.1 | 153.0 | 138.7 | 126.8 | 116.8 |
| 70° | 73.7 | 82.5 | 97.9 | 121.9 | 143.5 | 152.3 | 144.3 | 133.4 | 121.0 | 111.2 | 102.7 |
| 72.5° | 59.7 | 68.4 | 79.7 | 97.3 | 115.8 | 125.4 | 122.6 | 114.7 | 104.6 | 96.6 | 88.5 |
| 75° | 45.0 | 47.6 | 55.3 | 67.2 | 81.7 | 89.9 | 92.0 | 87.9 | 79.9 | 73.7 | 68.9 |
| 77.5° | 33.3 | 34.9 | 38.5 | 44.8 | 54.2 | 61.6 | 64.6 | 64.2 | 58.6 | 55.1 | 50.6 |
| 80° | 26.6 | 27.5 | 29.3 | 31.9 | 39.1 | 46.4 | 48.5 | 48.5 | 44.7 | 43.2 | 38.7 |
| 82.5° | 20.2 | 20.9 | 21.9 | 23.4 | 26.8 | 33.2 | 35.5 | 36.0 | 33.5 | 31.6 | 28.1 |
| 85° | 11.6 | 11.2 | 11.8 | 12.8 | 13.3 | 15.1 | 18.6 | 19.3 | 18.6 | 16.2 | 15.4 |
| 87.5° | 5.4 | 5.5 | 5.3 | 4.9 | 4.9 | 5.0 | 5.9 | 7.0 | 6.2 | 5.7 | 5.4 |
| 90° | 6.8 | 6.1 | 5.3 | 4.4 | 3.4 | 2.5 | 1.4 | 0.4 | 1.4 | 2.5 | 3.4 |
| 92.5° | 8.9 | 8.5 | 8.2 | 8.0 | 8.1 | 8.2 | 8.2 | 8.3 | 8.2 | 8.2 | 8.1 |
| 95° | 14.8 | 14.2 | 13.5 | 14.7 | 17.7 | 20.8 | 23.8 | 26.9 | 23.8 | 20.8 | 17.7 |
| 97.5° | 18.6 | 17.1 | 15.6 | 19.2 | 27.7 | 36.3 | 44.8 | 53.3 | 44.8 | 36.3 | 27.7 |
| 100° | 20.4 | 18.9 | 17.3 | 22.8 | 35.4 | 48.0 | 60.6 | 73.2 | 60.6 | 48.0 | 35.4 |
| 102.5° | 50.4 | 63.5 | 76.4 | 84.4 | 87.0 | 89.7 | 92.4 | 95.0 | 92.4 | 89.7 | 87.0 |
| 105° | 75.4 | 100.4 | 125.6 | 136.7 | 134.0 | 131.2 | 128.4 | 125.6 | 128.4 | 131.2 | 134.0 |
| 107.5° | 95.5 | 125.6 | 155.6 | 169.5 | 167.3 | 165.1 | 162.9 | 160.7 | 162.9 | 165.1 | 167.3 |
| 110° | 125.5 | 152.0 | 178.6 | 190.8 | 188.9 | 187.0 | 185.1 | 183.2 | 185.1 | 187.0 | 188.9 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 195.6 | 202.2 | 208.7 | 211.1 | 209.5 | 207.7 | 206.0 | 204.3 | 206.0 | 207.7 | 209.5 |
| 115° | 250.5 | 248.2 | 245.9 | 244.0 | 242.4 | 240.8 | 239.2 | 237.7 | 239.2 | 240.8 | 242.4 |
| 117.5° | 279.4 | 277.8 | 276.2 | 274.6 | 272.8 | 271.1 | 269.3 | 267.6 | 269.3 | 271.1 | 272.8 |
| 120° | 299.8 | 298.1 | 296.4 | 294.9 | 293.5 | 292.2 | 290.7 | 289.4 | 290.7 | 292.2 | 293.5 |
| 122.5° | 318.9 | 317.1 | 315.4 | 313.7 | 312.3 | 310.9 | 309.3 | 307.9 | 309.3 | 310.9 | 312.3 |
| 125° | 345.9 | 344.1 | 342.4 | 340.9 | 339.7 | 338.5 | 337.3 | 336.1 | 337.3 | 338.5 | 339.7 |
| 127.5° | 370.9 | 369.6 | 368.3 | 366.9 | 365.6 | 364.3 | 363.0 | 361.6 | 363.0 | 364.3 | 365.6 |
| 130° | 387.0 | 386.0 | 385.0 | 383.7 | 382.3 | 380.8 | 379.3 | 377.9 | 379.3 | 380.8 | 382.3 |
| 132.5° | 402.6 | 401.6 | 400.5 | 399.4 | 398.2 | 396.9 | 395.6 | 394.4 | 395.6 | 396.9 | 398.2 |
| 135° | 424.6 | 423.7 | 422.9 | 421.8 | 420.3 | 418.8 | 417.4 | 415.9 | 417.4 | 418.8 | 420.3 |
| 137.5° | 444.7 | 443.7 | 442.8 | 441.7 | 440.7 | 439.7 | 438.6 | 437.7 | 438.6 | 439.7 | 440.7 |
| 140° | 457.7 | 456.7 | 455.7 | 454.8 | 454.1 | 453.4 | 452.6 | 451.9 | 452.6 | 453.4 | 454.1 |
| 142.5° | 469.6 | 468.5 | 467.3 | 466.4 | 465.7 | 465.1 | 464.5 | 463.7 | 464.5 | 465.1 | 465.7 |
| 145° | 485.9 | 484.4 | 482.8 | 482.1 | 482.2 | 482.3 | 482.4 | 482.4 | 482.4 | 482.3 | 482.2 |
| 147.5° | 501.1 | 499.5 | 498.0 | 497.3 | 497.7 | 498.0 | 498.4 | 498.8 | 498.4 | 498.0 | 497.7 |
| 150° | 510.1 | 508.7 | 507.2 | 506.8 | 507.4 | 508.0 | 508.7 | 509.3 | 508.7 | 508.0 | 507.4 |
| 152.5° | 518.6 | 517.1 | 515.7 | 515.4 | 516.1 | 516.8 | 517.5 | 518.2 | 517.5 | 516.8 | 516.1 |
| 155° | 530.3 | 529.2 | 528.1 | 527.9 | 528.8 | 529.6 | 530.4 | 531.2 | 530.4 | 529.6 | 528.8 |
| 157.5° | 540.2 | 539.4 | 538.7 | 538.6 | 539.3 | 540.0 | 540.7 | 541.4 | 540.7 | 540.0 | 539.3 |
| 160° | 546.3 | 545.7 | 545.2 | 545.2 | 545.7 | 546.3 | 546.8 | 547.4 | 546.8 | 546.3 | 545.7 |
| 162.5° | 551.4 | 550.9 | 550.4 | 550.5 | 551.0 | 551.5 | 552.1 | 552.6 | 552.1 | 551.5 | 551.0 |
| 165° | 557.9 | 557.7 | 557.5 | 557.5 | 558.1 | 558.6 | 559.2 | 559.8 | 559.2 | 558.6 | 558.1 |
| 167.5° | 563.2 | 562.9 | 562.7 | 562.8 | 563.4 | 564.0 | 564.5 | 565.1 | 564.5 | 564.0 | 563.4 |
| 170° | 566.0 | 565.9 | 565.6 | 565.9 | 566.4 | 567.0 | 567.5 | 568.0 | 567.5 | 567.0 | 566.4 |
| 172.5° | 568.0 | 567.8 | 567.6 | 567.8 | 568.4 | 568.9 | 569.5 | 570.1 | 569.5 | 568.9 | 568.4 |
| 175° | 570.1 | 570.0 | 569.8 | 570.0 | 570.7 | 571.3 | 572.0 | 572.6 | 572.0 | 571.3 | 570.7 |
| 177.5° | 570.8 | 570.8 | 570.7 | 570.9 | 571.5 | 572.0 | 572.5 | 573.0 | 572.5 | 572.0 | 571.5 |
| 180° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 |
| 2.5° | 839.3 | 837.7 | 834.6 | 829.9 | 827.0 | 822.0 | 818.7 | 820.6 | 821.1 | 820.6 | 820.1 |
| 5° | 816.8 | 810.6 | 802.0 | 793.7 | 786.0 | 777.8 | 773.0 | 771.0 | 766.8 | 764.5 | 763.3 |
| 7.5° | 789.5 | 778.8 | 766.7 | 752.3 | 740.0 | 727.1 | 720.6 | 717.3 | 708.8 | 704.3 | 700.2 |
| 10° | 769.1 | 752.3 | 740.1 | 721.2 | 709.7 | 692.8 | 681.3 | 681.6 | 670.0 | 663.5 | 658.8 |
| 12.5° | 746.7 | 728.2 | 708.0 | 690.9 | 674.9 | 661.4 | 647.5 | 641.8 | 629.5 | 623.3 | 610.5 |
| 15° | 709.4 | 687.8 | 666.5 | 643.4 | 627.2 | 606.2 | 586.1 | 561.5 | 541.7 | 524.5 | 519.8 |
| 17.5° | 668.7 | 642.0 | 620.6 | 593.5 | 565.6 | 530.3 | 507.0 | 492.7 | 480.8 | 471.7 | 465.0 |
| 20° | 640.8 | 613.5 | 590.8 | 549.9 | 512.4 | 488.4 | 471.3 | 460.3 | 447.9 | 438.2 | 432.8 |
| 22.5° | 611.4 | 583.0 | 552.0 | 506.4 | 477.1 | 457.9 | 442.6 | 430.0 | 421.6 | 414.0 | 409.2 |
| 25° | 569.7 | 538.7 | 487.5 | 456.1 | 432.5 | 412.4 | 401.7 | 394.0 | 385.2 | 374.8 | 370.1 |
| 27.5° | 525.8 | 476.3 | 439.6 | 416.3 | 393.7 | 380.6 | 371.1 | 359.6 | 351.6 | 347.0 | 342.1 |
| 30° | 492.8 | 443.5 | 414.8 | 389.3 | 373.4 | 358.9 | 347.6 | 341.1 | 333.4 | 325.4 | 322.2 |
| 32.5° | 456.1 | 416.7 | 389.2 | 368.0 | 351.8 | 339.5 | 330.6 | 320.0 | 314.5 | 309.6 | 302.8 |
| 35° | 410.6 | 380.7 | 355.6 | 338.4 | 323.1 | 313.0 | 302.6 | 296.4 | 286.4 | 282.3 | 279.6 |
| 37.5° | 372.0 | 346.1 | 327.3 | 309.3 | 297.1 | 286.0 | 279.6 | 269.7 | 265.4 | 259.6 | 254.0 |
| 40° | 350.2 | 324.8 | 306.8 | 292.0 | 278.4 | 270.1 | 262.1 | 254.1 | 247.6 | 244.9 | 238.1 |
| 42.5° | 328.0 | 307.3 | 289.2 | 273.1 | 264.0 | 255.2 | 245.1 | 239.2 | 232.4 | 228.1 | 223.9 |
| 45° | 297.3 | 279.0 | 263.6 | 250.3 | 240.2 | 231.1 | 224.5 | 214.8 | 211.0 | 202.3 | 198.8 |
| 47.5° | 270.3 | 253.3 | 238.6 | 225.9 | 216.1 | 210.2 | 200.7 | 193.0 | 186.9 | 181.6 | 177.1 |
| 50° | 251.1 | 236.9 | 222.8 | 211.5 | 202.6 | 194.1 | 184.3 | 180.5 | 171.0 | 168.3 | 165.6 |
| 52.5° | 233.6 | 220.1 | 207.2 | 196.1 | 187.3 | 179.0 | 170.3 | 165.3 | 158.9 | 156.2 | 154.3 |
| 55° | 209.1 | 196.1 | 183.7 | 174.0 | 165.1 | 156.5 | 151.1 | 145.0 | 142.0 | 139.9 | 137.5 |
| 57.5° | 184.5 | 172.9 | 163.3 | 153.4 | 144.5 | 137.7 | 131.5 | 127.8 | 124.7 | 122.0 | 119.1 |
| 60° | 168.9 | 157.6 | 149.1 | 139.9 | 130.8 | 125.2 | 120.4 | 116.0 | 112.4 | 108.3 | 107.1 |
| 62.5° | 152.3 | 142.5 | 134.7 | 125.7 | 117.7 | 112.6 | 108.1 | 103.9 | 99.7 | 93.6 | 92.0 |
| 65° | 129.6 | 121.9 | 113.6 | 106.2 | 99.1 | 94.1 | 87.5 | 82.9 | 81.0 | 80.5 | 80.2 |
| 67.5° | 109.0 | 101.7 | 94.6 | 87.1 | 80.6 | 75.9 | 72.6 | 71.9 | 70.7 | 70.3 | 69.5 |
| 70° | 95.2 | 88.5 | 81.4 | 74.2 | 68.0 | 67.2 | 66.0 | 64.8 | 63.3 | 62.7 | 62.1 |
| 72.5° | 82.9 | 75.9 | 68.8 | 63.1 | 60.4 | 59.3 | 58.1 | 57.0 | 56.0 | 55.4 | 55.1 |
| 75° | 63.6 | 57.1 | 52.4 | 50.3 | 48.8 | 47.9 | 46.2 | 45.2 | 44.7 | 43.8 | 43.5 |
| 77.5° | 45.8 | 42.1 | 39.9 | 38.7 | 37.1 | 36.1 | 35.2 | 34.2 | 33.6 | 33.4 | 33.0 |
| 80° | 34.9 | 33.1 | 31.7 | 29.9 | 29.3 | 28.1 | 27.8 | 26.9 | 27.3 | 26.3 | 26.3 |
| 82.5° | 27.1 | 24.9 | 23.6 | 22.8 | 22.2 | 21.2 | 20.9 | 20.5 | 20.6 | 20.0 | 20.0 |
| 85° | 13.9 | 13.3 | 12.8 | 12.1 | 12.1 | 11.2 | 11.6 | 11.2 | 11.2 | 10.6 | 10.4 |
| 87.5° | 5.4 | 5.3 | 5.0 | 5.1 | 5.3 | 5.2 | 5.3 | 5.1 | 5.2 | 5.3 | 5.1 |
| 90° | 4.4 | 5.3 | 6.1 | 6.8 | 7.5 | 8.2 | 8.7 | 9.2 | 9.7 | 10.1 | 10.5 |
| 92.5° | 8.0 | 8.2 | 8.5 | 8.9 | 9.2 | 9.6 | 9.8 | 10.1 | 10.3 | 10.5 | 10.7 |
| 95° | 14.7 | 13.5 | 14.2 | 14.8 | 15.4 | 16.2 | 16.6 | 17.0 | 17.5 | 18.0 | 18.1 |
| 97.5° | 19.2 | 15.6 | 17.1 | 18.6 | 20.1 | 21.5 | 21.9 | 22.3 | 22.7 | 23.1 | 23.3 |
| 100° | 22.8 | 17.3 | 18.9 | 20.4 | 22.0 | 23.5 | 24.3 | 25.0 | 25.7 | 26.5 | 26.9 |
| 102.5° | 84.4 | 76.4 | 63.5 | 50.4 | 37.3 | 24.2 | 25.2 | 26.1 | 27.1 | 28.0 | 28.7 |
| 105° | 136.7 | 125.6 | 100.4 | 75.4 | 50.3 | 25.2 | 26.2 | 27.3 | 28.3 | 29.2 | 29.9 |
| 107.5° | 169.5 | 155.6 | 125.6 | 95.5 | 65.4 | 35.3 | 34.3 | 33.3 | 32.2 | 31.2 | 30.9 |
| 110° | 190.8 | 178.6 | 152.0 | 125.5 | 98.9 | 72.3 | 63.1 | 53.9 | 44.8 | 35.6 | 31.2 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 211.1 | 208.7 | 202.2 | 195.6 | 189.0 | 182.5 | 148.9 | 115.4 | 81.9 | 48.4 | 31.8 |
| 115° | 244.0 | 245.9 | 248.2 | 250.5 | 252.8 | 255.1 | 212.5 | 170.0 | 127.5 | 84.9 | 60.4 |
| 117.5° | 274.6 | 276.2 | 277.8 | 279.4 | 281.0 | 282.5 | 272.3 | 262.0 | 251.7 | 241.4 | 225.4 |
| 120° | 294.9 | 296.4 | 298.1 | 299.8 | 301.3 | 303.0 | 304.1 | 305.2 | 306.3 | 307.4 | 301.8 |
| 122.5° | 313.7 | 315.4 | 317.1 | 318.9 | 320.8 | 322.6 | 323.2 | 323.8 | 324.6 | 325.2 | 324.3 |
| 125° | 340.9 | 342.4 | 344.1 | 345.9 | 347.6 | 349.4 | 350.0 | 350.6 | 351.3 | 351.9 | 352.4 |
| 127.5° | 366.9 | 368.3 | 369.6 | 370.9 | 372.2 | 373.5 | 374.4 | 375.3 | 376.3 | 377.2 | 377.7 |
| 130° | 383.7 | 385.0 | 386.0 | 387.0 | 388.0 | 389.0 | 390.1 | 391.0 | 392.1 | 393.1 | 393.6 |
| 132.5° | 399.4 | 400.5 | 401.6 | 402.6 | 403.5 | 404.6 | 405.4 | 406.3 | 407.2 | 408.1 | 408.4 |
| 135° | 421.8 | 422.9 | 423.7 | 424.6 | 425.4 | 426.2 | 427.1 | 428.1 | 429.0 | 429.9 | 430.3 |
| 137.5° | 441.7 | 442.8 | 443.7 | 444.7 | 445.5 | 446.5 | 447.4 | 448.3 | 449.2 | 450.1 | 450.4 |
| 140° | 454.8 | 455.7 | 456.7 | 457.7 | 458.7 | 459.7 | 460.6 | 461.4 | 462.2 | 463.0 | 463.2 |
| 142.5° | 466.4 | 467.3 | 468.5 | 469.6 | 470.8 | 472.0 | 472.7 | 473.5 | 474.2 | 475.0 | 475.2 |
| 145° | 482.1 | 482.8 | 484.4 | 485.9 | 487.5 | 489.1 | 489.7 | 490.4 | 491.0 | 491.6 | 491.7 |
| 147.5° | 497.3 | 498.0 | 499.5 | 501.1 | 502.6 | 504.1 | 504.6 | 505.1 | 505.6 | 506.0 | 506.0 |
| 150° | 506.8 | 507.2 | 508.7 | 510.1 | 511.6 | 513.0 | 513.6 | 514.1 | 514.7 | 515.2 | 515.3 |
| 152.5° | 515.4 | 515.7 | 517.1 | 518.6 | 519.9 | 521.3 | 521.9 | 522.4 | 523.0 | 523.6 | 523.5 |
| 155° | 527.9 | 528.1 | 529.2 | 530.3 | 531.4 | 532.5 | 533.1 | 533.6 | 534.2 | 534.7 | 534.6 |
| 157.5° | 538.6 | 538.7 | 539.4 | 540.2 | 541.0 | 541.8 | 542.3 | 543.0 | 543.6 | 544.2 | 544.2 |
| 160° | 545.2 | 545.2 | 545.7 | 546.3 | 546.8 | 547.4 | 548.0 | 548.4 | 549.0 | 549.5 | 549.5 |
| 162.5° | 550.5 | 550.4 | 550.9 | 551.4 | 551.8 | 552.3 | 552.9 | 553.6 | 554.2 | 554.8 | 554.8 |
| 165° | 557.5 | 557.5 | 557.7 | 557.9 | 558.3 | 558.5 | 559.2 | 559.8 | 560.5 | 561.1 | 561.1 |
| 167.5° | 562.8 | 562.7 | 562.9 | 563.2 | 563.5 | 563.7 | 564.4 | 565.0 | 565.7 | 566.3 | 566.3 |
| 170° | 565.9 | 565.6 | 565.9 | 566.0 | 566.2 | 566.4 | 567.0 | 567.7 | 568.3 | 568.9 | 568.9 |
| 172.5° | 567.8 | 567.6 | 567.8 | 568.0 | 568.2 | 568.4 | 569.0 | 569.7 | 570.3 | 570.9 | 570.8 |
| 175° | 570.0 | 569.8 | 570.0 | 570.1 | 570.3 | 570.5 | 571.2 | 571.8 | 572.4 | 573.1 | 573.0 |
| 177.5° | 570.9 | 570.7 | 570.8 | 570.8 | 570.9 | 571.0 | 571.6 | 572.0 | 572.6 | 573.1 | 573.0 |
| 180° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 |
| 2.5° | 817.5 | 818.0 | 817.3 | 817.8 | 817.3 | 818.0 | 817.5 | 820.1 | 820.6 | 821.1 | 820.6 |
| 5° | 761.8 | 758.2 | 757.6 | 756.8 | 757.6 | 758.2 | 761.8 | 763.3 | 764.5 | 766.8 | 771.0 |
| 7.5° | 695.1 | 694.6 | 693.2 | 691.0 | 693.2 | 694.6 | 695.1 | 700.2 | 704.3 | 708.8 | 717.3 |
| 10° | 652.3 | 650.9 | 650.5 | 648.5 | 650.5 | 650.9 | 652.3 | 658.8 | 663.5 | 670.0 | 681.6 |
| 12.5° | 602.1 | 592.6 | 591.6 | 586.5 | 591.6 | 592.6 | 602.1 | 610.5 | 623.3 | 629.5 | 641.8 |
| 15° | 512.7 | 510.9 | 505.0 | 501.1 | 505.0 | 510.9 | 512.7 | 519.8 | 524.5 | 541.7 | 561.5 |
| 17.5° | 461.5 | 455.7 | 453.9 | 453.1 | 453.9 | 455.7 | 461.5 | 465.0 | 471.7 | 480.8 | 492.7 |
| 20° | 428.6 | 423.3 | 422.5 | 421.8 | 422.5 | 423.3 | 428.6 | 432.8 | 438.2 | 447.9 | 460.3 |
| 22.5° | 405.9 | 400.4 | 398.1 | 396.3 | 398.1 | 400.4 | 405.9 | 409.2 | 414.0 | 421.6 | 430.0 |
| 25° | 367.1 | 365.0 | 363.8 | 363.3 | 363.8 | 365.0 | 367.1 | 370.1 | 374.8 | 385.2 | 394.0 |
| 27.5° | 336.8 | 332.2 | 331.3 | 329.8 | 331.3 | 332.2 | 336.8 | 342.1 | 347.0 | 351.6 | 359.6 |
| 30° | 319.5 | 318.0 | 315.9 | 314.2 | 315.9 | 318.0 | 319.5 | 322.2 | 325.4 | 333.4 | 341.1 |
| 32.5° | 299.1 | 297.9 | 296.0 | 295.2 | 296.0 | 297.9 | 299.1 | 302.8 | 309.6 | 314.5 | 320.0 |
| 35° | 276.6 | 272.4 | 270.7 | 268.0 | 270.7 | 272.4 | 276.6 | 279.6 | 282.3 | 286.4 | 296.4 |
| 37.5° | 252.8 | 250.6 | 248.1 | 249.0 | 248.1 | 250.6 | 252.8 | 254.0 | 259.6 | 265.4 | 269.7 |
| 40° | 234.3 | 232.8 | 232.2 | 232.0 | 232.2 | 232.8 | 234.3 | 238.1 | 244.9 | 247.6 | 254.1 |
| 42.5° | 219.6 | 215.6 | 214.0 | 214.0 | 214.0 | 215.6 | 219.6 | 223.9 | 228.1 | 232.4 | 239.2 |
| 45° | 197.3 | 193.5 | 190.8 | 191.1 | 190.8 | 193.5 | 197.3 | 198.8 | 202.3 | 211.0 | 214.8 |
| 47.5° | 174.5 | 174.4 | 172.7 | 173.3 | 172.7 | 174.4 | 174.5 | 177.1 | 181.6 | 186.9 | 193.0 |
| 50° | 163.6 | 161.8 | 160.7 | 160.9 | 160.7 | 161.8 | 163.6 | 165.6 | 168.3 | 171.0 | 180.5 |
| 52.5° | 153.2 | 151.6 | 150.7 | 151.9 | 150.7 | 151.6 | 153.2 | 154.3 | 156.2 | 158.9 | 165.3 |
| 55° | 136.1 | 134.3 | 134.0 | 133.7 | 134.0 | 134.3 | 136.1 | 137.5 | 139.9 | 142.0 | 145.0 |
| 57.5° | 117.0 | 115.8 | 114.0 | 113.3 | 114.0 | 115.8 | 117.0 | 119.1 | 122.0 | 124.7 | 127.8 |
| 60° | 103.2 | 100.8 | 97.9 | 97.6 | 97.9 | 100.8 | 103.2 | 107.1 | 108.3 | 112.4 | 116.0 |
| 62.5° | 90.7 | 90.2 | 89.7 | 89.6 | 89.7 | 90.2 | 90.7 | 92.0 | 93.6 | 99.7 | 103.9 |
| 65° | 79.6 | 79.3 | 79.6 | 79.9 | 79.6 | 79.3 | 79.6 | 80.2 | 80.5 | 81.0 | 82.9 |
| 67.5° | 69.3 | 68.8 | 68.3 | 68.5 | 68.3 | 68.8 | 69.3 | 69.5 | 70.3 | 70.7 | 71.9 |
| 70° | 61.6 | 61.2 | 60.9 | 60.9 | 60.9 | 61.2 | 61.6 | 62.1 | 62.7 | 63.3 | 64.8 |
| 72.5° | 53.9 | 53.9 | 53.6 | 53.4 | 53.6 | 53.9 | 53.9 | 55.1 | 55.4 | 56.0 | 57.0 |
| 75° | 43.2 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 43.2 | 43.5 | 43.8 | 44.7 | 45.2 |
| 77.5° | 32.9 | 32.6 | 32.3 | 32.1 | 32.3 | 32.6 | 32.9 | 33.0 | 33.4 | 33.6 | 34.2 |
| 80° | 26.1 | 25.7 | 25.4 | 25.4 | 25.4 | 25.7 | 26.1 | 26.3 | 26.3 | 27.3 | 26.9 |
| 82.5° | 19.9 | 19.6 | 19.5 | 19.3 | 19.5 | 19.6 | 19.9 | 20.0 | 20.0 | 20.6 | 20.5 |
| 85° | 10.6 | 10.9 | 10.6 | 11.2 | 10.6 | 10.9 | 10.6 | 10.4 | 10.6 | 11.2 | 11.2 |
| 87.5° | 5.2 | 5.0 | 5.3 | 5.1 | 5.3 | 5.0 | 5.2 | 5.1 | 5.3 | 5.2 | 5.1 |
| 90° | 10.6 | 10.8 | 11.0 | 11.2 | 11.0 | 10.8 | 10.6 | 10.5 | 10.1 | 9.7 | 9.2 |
| 92.5° | 10.9 | 10.9 | 11.1 | 11.2 | 11.1 | 10.9 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 |
| 95° | 18.1 | 18.0 | 17.9 | 17.7 | 17.9 | 18.0 | 18.1 | 18.1 | 18.0 | 17.5 | 17.0 |
| 97.5° | 23.4 | 23.5 | 23.6 | 23.8 | 23.6 | 23.5 | 23.4 | 23.3 | 23.1 | 22.7 | 22.3 |
| 100° | 27.2 | 27.3 | 27.5 | 27.7 | 27.5 | 27.3 | 27.2 | 26.9 | 26.5 | 25.7 | 25.0 |
| 102.5° | 28.9 | 29.2 | 29.4 | 29.7 | 29.4 | 29.2 | 28.9 | 28.7 | 28.0 | 27.1 | 26.1 |
| 105° | 30.3 | 30.7 | 31.1 | 31.4 | 31.1 | 30.7 | 30.3 | 29.9 | 29.2 | 28.3 | 27.3 |
| 107.5° | 31.2 | 31.6 | 31.9 | 32.3 | 31.9 | 31.6 | 31.2 | 30.9 | 31.2 | 32.2 | 33.3 |
| 110° | 31.5 | 31.9 | 32.3 | 32.6 | 32.3 | 31.9 | 31.5 | 31.2 | 35.6 | 44.8 | 53.9 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 32.1 | 32.4 | 32.7 | 33.0 | 32.7 | 32.4 | 32.1 | 31.8 | 48.4 | 81.9 | 115.4 |
| 115° | 53.7 | 47.1 | 40.5 | 33.9 | 40.5 | 47.1 | 53.7 | 60.4 | 84.9 | 127.5 | 170.0 |
| 117.5° | 203.6 | 181.9 | 160.2 | 138.4 | 160.2 | 181.9 | 203.6 | 225.4 | 241.4 | 251.7 | 262.0 |
| 120° | 289.4 | 277.0 | 264.6 | 252.2 | 264.6 | 277.0 | 289.4 | 301.8 | 307.4 | 306.3 | 305.2 |
| 122.5° | 321.9 | 319.5 | 317.1 | 314.7 | 317.1 | 319.5 | 321.9 | 324.3 | 325.2 | 324.6 | 323.8 |
| 125° | 352.7 | 352.9 | 353.2 | 353.5 | 353.2 | 352.9 | 352.7 | 352.4 | 351.9 | 351.3 | 350.6 |
| 127.5° | 377.8 | 377.9 | 377.9 | 378.0 | 377.9 | 377.9 | 377.8 | 377.7 | 377.2 | 376.3 | 375.3 |
| 130° | 393.4 | 393.3 | 393.2 | 393.2 | 393.2 | 393.3 | 393.4 | 393.6 | 393.1 | 392.1 | 391.0 |
| 132.5° | 408.3 | 408.2 | 408.1 | 408.1 | 408.1 | 408.2 | 408.3 | 408.4 | 408.1 | 407.2 | 406.3 |
| 135° | 430.1 | 429.9 | 429.8 | 429.5 | 429.8 | 429.9 | 430.1 | 430.3 | 429.9 | 429.0 | 428.1 |
| 137.5° | 450.0 | 449.7 | 449.5 | 449.2 | 449.5 | 449.7 | 450.0 | 450.4 | 450.1 | 449.2 | 448.3 |
| 140° | 462.7 | 462.3 | 461.8 | 461.4 | 461.8 | 462.3 | 462.7 | 463.2 | 463.0 | 462.2 | 461.4 |
| 142.5° | 474.7 | 474.2 | 473.7 | 473.2 | 473.7 | 474.2 | 474.7 | 475.2 | 475.0 | 474.2 | 473.5 |
| 145° | 491.3 | 490.8 | 490.4 | 489.9 | 490.4 | 490.8 | 491.3 | 491.7 | 491.6 | 491.0 | 490.4 |
| 147.5° | 505.7 | 505.3 | 504.9 | 504.5 | 504.9 | 505.3 | 505.7 | 506.0 | 506.0 | 505.6 | 505.1 |
| 150° | 514.8 | 514.4 | 513.9 | 513.5 | 513.9 | 514.4 | 514.8 | 515.3 | 515.2 | 514.7 | 514.1 |
| 152.5° | 522.9 | 522.3 | 521.7 | 521.1 | 521.7 | 522.3 | 522.9 | 523.5 | 523.6 | 523.0 | 522.4 |
| 155° | 533.9 | 533.1 | 532.4 | 531.6 | 532.4 | 533.1 | 533.9 | 534.6 | 534.7 | 534.2 | 533.6 |
| 157.5° | 543.4 | 542.7 | 542.0 | 541.3 | 542.0 | 542.7 | 543.4 | 544.2 | 544.2 | 543.6 | 543.0 |
| 160° | 548.9 | 548.3 | 547.6 | 546.9 | 547.6 | 548.3 | 548.9 | 549.5 | 549.5 | 549.0 | 548.4 |
| 162.5° | 554.0 | 553.2 | 552.4 | 551.6 | 552.4 | 553.2 | 554.0 | 554.8 | 554.8 | 554.2 | 553.6 |
| 165° | 560.5 | 559.8 | 559.2 | 558.5 | 559.2 | 559.8 | 560.5 | 561.1 | 561.1 | 560.5 | 559.8 |
| 167.5° | 565.4 | 564.6 | 563.7 | 562.9 | 563.7 | 564.6 | 565.4 | 566.3 | 566.3 | 565.7 | 565.0 |
| 170° | 568.0 | 567.2 | 566.4 | 565.5 | 566.4 | 567.2 | 568.0 | 568.9 | 568.9 | 568.3 | 567.7 |
| 172.5° | 570.1 | 569.2 | 568.4 | 567.5 | 568.4 | 569.2 | 570.1 | 570.8 | 570.9 | 570.3 | 569.7 |
| 175° | 572.0 | 571.1 | 570.2 | 569.3 | 570.2 | 571.1 | 572.0 | 573.0 | 573.1 | 572.4 | 571.8 |
| 177.5° | 572.4 | 571.6 | 571.0 | 570.4 | 571.0 | 571.6 | 572.4 | 573.0 | 573.1 | 572.6 | 572.0 |
| 180° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 |
| 2.5° | 818.7 | 822.0 | 827.0 | 829.9 | 834.6 | 837.7 | 839.3 | 842.4 | 844.1 | 850.0 | 856.1 |
| 5° | 773.0 | 777.8 | 786.0 | 793.7 | 802.0 | 810.6 | 816.8 | 823.9 | 830.4 | 841.6 | 853.5 |
| 7.5° | 720.6 | 727.1 | 740.0 | 752.3 | 766.7 | 778.8 | 789.5 | 801.6 | 812.5 | 828.5 | 845.3 |
| 10° | 681.3 | 692.8 | 709.7 | 721.2 | 740.1 | 752.3 | 769.1 | 782.4 | 797.6 | 818.9 | 837.8 |
| 12.5° | 647.5 | 661.4 | 674.9 | 690.9 | 708.0 | 728.2 | 746.7 | 763.7 | 781.7 | 803.7 | 825.9 |
| 15° | 586.1 | 606.2 | 627.2 | 643.4 | 666.5 | 687.8 | 709.4 | 732.5 | 754.4 | 780.7 | 809.7 |
| 17.5° | 507.0 | 530.3 | 565.6 | 593.5 | 620.6 | 642.0 | 668.7 | 696.6 | 722.4 | 754.2 | 786.4 |
| 20° | 471.3 | 488.4 | 512.4 | 549.9 | 590.8 | 613.5 | 640.8 | 671.5 | 701.1 | 735.7 | 770.3 |
| 22.5° | 442.6 | 457.9 | 477.1 | 506.4 | 552.0 | 583.0 | 611.4 | 642.7 | 677.0 | 712.3 | 750.7 |
| 25° | 401.7 | 412.4 | 432.5 | 456.1 | 487.5 | 538.7 | 569.7 | 601.1 | 638.4 | 676.3 | 720.0 |
| 27.5° | 371.1 | 380.6 | 393.7 | 416.3 | 439.6 | 476.3 | 525.8 | 559.9 | 597.1 | 639.7 | 685.2 |
| 30° | 347.6 | 358.9 | 373.4 | 389.3 | 414.8 | 443.5 | 492.8 | 532.5 | 569.2 | 613.0 | 661.5 |
| 32.5° | 330.6 | 339.5 | 351.8 | 368.0 | 389.2 | 416.7 | 456.1 | 504.3 | 540.0 | 586.2 | 636.8 |
| 35° | 302.6 | 313.0 | 323.1 | 338.4 | 355.6 | 380.7 | 410.6 | 462.1 | 497.6 | 543.1 | 594.1 |
| 37.5° | 279.6 | 286.0 | 297.1 | 309.3 | 327.3 | 346.1 | 372.0 | 418.2 | 456.6 | 501.3 | 553.4 |
| 40° | 262.1 | 270.1 | 278.4 | 292.0 | 306.8 | 324.8 | 350.2 | 384.6 | 428.6 | 472.5 | 523.3 |
| 42.5° | 245.1 | 255.2 | 264.0 | 273.1 | 289.2 | 307.3 | 328.0 | 357.1 | 402.1 | 443.5 | 493.1 |
| 45° | 224.5 | 231.1 | 240.2 | 250.3 | 263.6 | 279.0 | 297.3 | 322.7 | 365.9 | 401.7 | 448.2 |
| 47.5° | 200.7 | 210.2 | 216.1 | 225.9 | 238.6 | 253.3 | 270.3 | 292.3 | 327.3 | 360.8 | 403.9 |
| 50° | 184.3 | 194.1 | 202.6 | 211.5 | 222.8 | 236.9 | 251.1 | 272.4 | 300.6 | 335.8 | 376.0 |
| 52.5° | 170.3 | 179.0 | 187.3 | 196.1 | 207.2 | 220.1 | 233.6 | 252.3 | 276.4 | 308.8 | 347.8 |
| 55° | 151.1 | 156.5 | 165.1 | 174.0 | 183.7 | 196.1 | 209.1 | 224.8 | 245.6 | 272.7 | 304.4 |
| 57.5° | 131.5 | 137.7 | 144.5 | 153.4 | 163.3 | 172.9 | 184.5 | 198.8 | 215.1 | 239.7 | 266.8 |
| 60° | 120.4 | 125.2 | 130.8 | 139.9 | 149.1 | 157.6 | 168.9 | 180.8 | 196.1 | 217.5 | 240.5 |
| 62.5° | 108.1 | 112.6 | 117.7 | 125.7 | 134.7 | 142.5 | 152.3 | 164.9 | 177.9 | 197.3 | 217.5 |
| 65° | 87.5 | 94.1 | 99.1 | 106.2 | 113.6 | 121.9 | 129.6 | 139.7 | 151.1 | 166.5 | 184.6 |
| 67.5° | 72.6 | 75.9 | 80.6 | 87.1 | 94.6 | 101.7 | 109.0 | 116.8 | 126.8 | 138.7 | 153.0 |
| 70° | 66.0 | 67.2 | 68.0 | 74.2 | 81.4 | 88.5 | 95.2 | 102.7 | 111.2 | 121.0 | 133.4 |
| 72.5° | 58.1 | 59.3 | 60.4 | 63.1 | 68.8 | 75.9 | 82.9 | 88.5 | 96.6 | 104.6 | 114.7 |
| 75° | 46.2 | 47.9 | 48.8 | 50.3 | 52.4 | 57.1 | 63.6 | 68.9 | 73.7 | 79.9 | 87.9 |
| 77.5° | 35.2 | 36.1 | 37.1 | 38.7 | 39.9 | 42.1 | 45.8 | 50.6 | 55.1 | 58.6 | 64.2 |
| 80° | 27.8 | 28.1 | 29.3 | 29.9 | 31.7 | 33.1 | 34.9 | 38.7 | 43.2 | 44.7 | 48.5 |
| 82.5° | 20.9 | 21.2 | 22.2 | 22.8 | 23.6 | 24.9 | 27.1 | 28.1 | 31.6 | 33.5 | 36.0 |
| 85° | 11.6 | 11.2 | 12.1 | 12.1 | 12.8 | 13.3 | 13.9 | 15.4 | 16.2 | 18.6 | 19.3 |
| 87.5° | 5.3 | 5.2 | 5.3 | 5.1 | 5.0 | 5.3 | 5.4 | 5.4 | 5.7 | 6.2 | 7.0 |
| 90° | 8.7 | 8.2 | 7.5 | 6.8 | 6.1 | 5.3 | 4.4 | 3.4 | 2.5 | 1.4 | 0.4 |
| 92.5° | 9.8 | 9.6 | 9.2 | 8.9 | 8.5 | 8.2 | 8.0 | 8.1 | 8.2 | 8.2 | 8.3 |
| 95° | 16.6 | 16.2 | 15.4 | 14.8 | 14.2 | 13.5 | 14.7 | 17.7 | 20.8 | 23.8 | 26.9 |
| 97.5° | 21.9 | 21.5 | 20.1 | 18.6 | 17.1 | 15.6 | 19.2 | 27.7 | 36.3 | 44.8 | 53.3 |
| 100° | 24.3 | 23.5 | 22.0 | 20.4 | 18.9 | 17.3 | 22.8 | 35.4 | 48.0 | 60.6 | 73.2 |
| 102.5° | 25.2 | 24.2 | 37.3 | 50.4 | 63.5 | 76.4 | 84.4 | 87.0 | 89.7 | 92.4 | 95.0 |
| 105° | 26.2 | 25.2 | 50.3 | 75.4 | 100.4 | 125.6 | 136.7 | 134.0 | 131.2 | 128.4 | 125.6 |
| 107.5° | 34.3 | 35.3 | 65.4 | 95.5 | 125.6 | 155.6 | 169.5 | 167.3 | 165.1 | 162.9 | 160.7 |
| 110° | 63.1 | 72.3 | 98.9 | 125.5 | 152.0 | 178.6 | 190.8 | 188.9 | 187.0 | 185.1 | 183.2 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 148.9 | 182.5 | 189.0 | 195.6 | 202.2 | 208.7 | 211.1 | 209.5 | 207.7 | 206.0 | 204.3 |
| 115° | 212.5 | 255.1 | 252.8 | 250.5 | 248.2 | 245.9 | 244.0 | 242.4 | 240.8 | 239.2 | 237.7 |
| 117.5° | 272.3 | 282.5 | 281.0 | 279.4 | 277.8 | 276.2 | 274.6 | 272.8 | 271.1 | 269.3 | 267.6 |
| 120° | 304.1 | 303.0 | 301.3 | 299.8 | 298.1 | 296.4 | 294.9 | 293.5 | 292.2 | 290.7 | 289.4 |
| 122.5° | 323.2 | 322.6 | 320.8 | 318.9 | 317.1 | 315.4 | 313.7 | 312.3 | 310.9 | 309.3 | 307.9 |
| 125° | 350.0 | 349.4 | 347.6 | 345.9 | 344.1 | 342.4 | 340.9 | 339.7 | 338.5 | 337.3 | 336.1 |
| 127.5° | 374.4 | 373.5 | 372.2 | 370.9 | 369.6 | 368.3 | 366.9 | 365.6 | 364.3 | 363.0 | 361.6 |
| 130° | 390.1 | 389.0 | 388.0 | 387.0 | 386.0 | 385.0 | 383.7 | 382.3 | 380.8 | 379.3 | 377.9 |
| 132.5° | 405.4 | 404.6 | 403.5 | 402.6 | 401.6 | 400.5 | 399.4 | 398.2 | 396.9 | 395.6 | 394.4 |
| 135° | 427.1 | 426.2 | 425.4 | 424.6 | 423.7 | 422.9 | 421.8 | 420.3 | 418.8 | 417.4 | 415.9 |
| 137.5° | 447.4 | 446.5 | 445.5 | 444.7 | 443.7 | 442.8 | 441.7 | 440.7 | 439.7 | 438.6 | 437.7 |
| 140° | 460.6 | 459.7 | 458.7 | 457.7 | 456.7 | 455.7 | 454.8 | 454.1 | 453.4 | 452.6 | 451.9 |
| 142.5° | 472.7 | 472.0 | 470.8 | 469.6 | 468.5 | 467.3 | 466.4 | 465.7 | 465.1 | 464.5 | 463.7 |
| 145° | 489.7 | 489.1 | 487.5 | 485.9 | 484.4 | 482.8 | 482.1 | 482.2 | 482.3 | 482.4 | 482.4 |
| 147.5° | 504.6 | 504.1 | 502.6 | 501.1 | 499.5 | 498.0 | 497.3 | 497.7 | 498.0 | 498.4 | 498.8 |
| 150° | 513.6 | 513.0 | 511.6 | 510.1 | 508.7 | 507.2 | 506.8 | 507.4 | 508.0 | 508.7 | 509.3 |
| 152.5° | 521.9 | 521.3 | 519.9 | 518.6 | 517.1 | 515.7 | 515.4 | 516.1 | 516.8 | 517.5 | 518.2 |
| 155° | 533.1 | 532.5 | 531.4 | 530.3 | 529.2 | 528.1 | 527.9 | 528.8 | 529.6 | 530.4 | 531.2 |
| 157.5° | 542.3 | 541.8 | 541.0 | 540.2 | 539.4 | 538.7 | 538.6 | 539.3 | 540.0 | 540.7 | 541.4 |
| 160° | 548.0 | 547.4 | 546.8 | 546.3 | 545.7 | 545.2 | 545.2 | 545.7 | 546.3 | 546.8 | 547.4 |
| 162.5° | 552.9 | 552.3 | 551.8 | 551.4 | 550.9 | 550.4 | 550.5 | 551.0 | 551.5 | 552.1 | 552.6 |
| 165° | 559.2 | 558.5 | 558.3 | 557.9 | 557.7 | 557.5 | 557.5 | 558.1 | 558.6 | 559.2 | 559.8 |
| 167.5° | 564.4 | 563.7 | 563.5 | 563.2 | 562.9 | 562.7 | 562.8 | 563.4 | 564.0 | 564.5 | 565.1 |
| 170° | 567.0 | 566.4 | 566.2 | 566.0 | 565.9 | 565.6 | 565.9 | 566.4 | 567.0 | 567.5 | 568.0 |
| 172.5° | 569.0 | 568.4 | 568.2 | 568.0 | 567.8 | 567.6 | 567.8 | 568.4 | 568.9 | 569.5 | 570.1 |
| 175° | 571.2 | 570.5 | 570.3 | 570.1 | 570.0 | 569.8 | 570.0 | 570.7 | 571.3 | 572.0 | 572.6 |
| 177.5° | 571.6 | 571.0 | 570.9 | 570.8 | 570.8 | 570.7 | 570.9 | 571.5 | 572.0 | 572.5 | 573.0 |
| 180° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 |
| 2.5° | 856.3 | 857.1 | 861.8 | 864.0 | 868.2 | 869.9 | 871.7 | 871.2 | 871.2 | 872.2 | 878.8 |
| 5° | 858.2 | 864.1 | 873.0 | 881.5 | 889.9 | 897.0 | 901.7 | 906.4 | 908.2 | 916.8 | 924.5 |
| 7.5° | 855.2 | 866.0 | 880.7 | 893.7 | 909.4 | 921.7 | 931.8 | 941.0 | 947.3 | 959.8 | 972.6 |
| 10° | 851.1 | 866.5 | 883.0 | 899.9 | 921.5 | 937.8 | 954.3 | 967.1 | 971.2 | 989.8 | 1000.5 |
| 12.5° | 843.0 | 863.6 | 884.7 | 906.6 | 927.6 | 950.1 | 968.3 | 981.0 | 995.6 | 1012.3 | 1032.0 |
| 15° | 831.0 | 854.7 | 882.2 | 910.3 | 940.5 | 967.7 | 987.2 | 1009.4 | 1025.3 | 1043.7 | 1060.8 |
| 17.5° | 813.7 | 844.1 | 879.1 | 911.6 | 946.5 | 975.7 | 1002.7 | 1023.9 | 1035.1 | 1045.6 | 1048.2 |
| 20° | 799.9 | 832.7 | 873.9 | 912.4 | 947.2 | 981.0 | 1007.6 | 1025.3 | 1028.3 | 1028.6 | 1012.9 |
| 22.5° | 785.1 | 822.1 | 865.1 | 904.5 | 946.3 | 983.8 | 1004.5 | 1012.1 | 1000.4 | 980.3 | 950.0 |
| 25° | 757.6 | 800.5 | 850.5 | 895.5 | 941.0 | 976.5 | 983.7 | 970.3 | 929.2 | 886.0 | 831.3 |
| 27.5° | 727.9 | 776.1 | 829.7 | 879.7 | 928.3 | 950.3 | 934.9 | 886.9 | 812.9 | 748.5 | 670.5 |
| 30° | 706.2 | 760.3 | 812.9 | 868.9 | 913.8 | 923.3 | 888.1 | 817.4 | 731.0 | 634.0 | 556.2 |
| 32.5° | 681.3 | 738.0 | 795.9 | 853.7 | 891.4 | 882.1 | 823.9 | 736.9 | 635.6 | 540.3 | 466.7 |
| 35° | 645.8 | 704.4 | 766.8 | 824.7 | 848.7 | 808.8 | 721.8 | 608.6 | 505.0 | 416.0 | 365.4 |
| 37.5° | 604.8 | 668.6 | 733.5 | 786.7 | 785.1 | 718.4 | 600.0 | 483.0 | 396.0 | 343.3 | 307.3 |
| 40° | 575.7 | 640.2 | 710.3 | 755.3 | 736.0 | 649.4 | 520.9 | 410.6 | 347.0 | 305.0 | 278.7 |
| 42.5° | 547.8 | 612.5 | 682.1 | 717.9 | 684.4 | 577.9 | 450.0 | 363.5 | 311.0 | 278.3 | 256.9 |
| 45° | 500.3 | 568.5 | 633.1 | 652.9 | 593.1 | 475.7 | 363.8 | 301.2 | 266.3 | 242.0 | 227.2 |
| 47.5° | 453.8 | 521.0 | 579.9 | 580.3 | 499.4 | 385.8 | 307.0 | 260.6 | 230.8 | 212.1 | 201.3 |
| 50° | 425.4 | 489.3 | 538.7 | 531.0 | 439.3 | 343.2 | 274.5 | 234.6 | 209.8 | 195.3 | 184.0 |
| 52.5° | 393.5 | 455.4 | 498.2 | 476.3 | 388.4 | 302.0 | 245.4 | 211.9 | 191.3 | 178.7 | 168.7 |
| 55° | 347.0 | 402.0 | 432.2 | 399.1 | 316.9 | 251.1 | 207.4 | 181.0 | 165.6 | 155.0 | 146.5 |
| 57.5° | 301.4 | 346.7 | 365.8 | 327.2 | 260.9 | 208.3 | 175.4 | 155.7 | 140.4 | 132.8 | 128.3 |
| 60° | 272.7 | 311.5 | 324.8 | 282.3 | 226.9 | 182.2 | 155.3 | 137.0 | 125.7 | 120.7 | 116.3 |
| 62.5° | 244.6 | 276.2 | 281.8 | 242.7 | 197.8 | 159.5 | 136.4 | 120.9 | 113.4 | 108.6 | 104.4 |
| 65° | 203.0 | 225.7 | 223.1 | 191.7 | 156.5 | 126.6 | 109.7 | 100.3 | 94.7 | 87.9 | 80.5 |
| 67.5° | 167.1 | 181.0 | 172.6 | 149.1 | 119.5 | 98.4 | 87.4 | 80.2 | 73.3 | 66.8 | 65.1 |
| 70° | 144.3 | 152.3 | 143.5 | 121.9 | 97.9 | 82.5 | 73.7 | 65.1 | 60.9 | 59.5 | 56.8 |
| 72.5° | 122.6 | 125.4 | 115.8 | 97.3 | 79.7 | 68.4 | 59.7 | 54.9 | 52.7 | 51.4 | 49.7 |
| 75° | 92.0 | 89.9 | 81.7 | 67.2 | 55.3 | 47.6 | 45.0 | 43.2 | 41.7 | 40.6 | 39.6 |
| 77.5° | 64.6 | 61.6 | 54.2 | 44.8 | 38.5 | 34.9 | 33.3 | 32.3 | 31.6 | 31.0 | 30.1 |
| 80° | 48.5 | 46.4 | 39.1 | 31.9 | 29.3 | 27.5 | 26.6 | 25.4 | 25.4 | 24.9 | 23.9 |
| 82.5° | 35.5 | 33.2 | 26.8 | 23.4 | 21.9 | 20.9 | 20.2 | 19.5 | 19.3 | 19.4 | 18.8 |
| 85° | 18.6 | 15.1 | 13.3 | 12.8 | 11.8 | 11.2 | 11.6 | 10.9 | 10.9 | 10.9 | 10.6 |
| 87.5° | 5.9 | 5.0 | 4.9 | 4.9 | 5.3 | 5.5 | 5.4 | 5.5 | 5.9 | 5.8 | 6.1 |
| 90° | 1.4 | 2.5 | 3.4 | 4.4 | 5.3 | 6.1 | 6.8 | 7.5 | 8.2 | 8.7 | 9.2 |
| 92.5° | 8.2 | 8.2 | 8.1 | 8.0 | 8.2 | 8.5 | 8.9 | 9.2 | 9.6 | 9.8 | 10.1 |
| 95° | 23.8 | 20.8 | 17.7 | 14.7 | 13.5 | 14.2 | 14.8 | 15.4 | 16.2 | 16.6 | 17.0 |
| 97.5° | 44.8 | 36.3 | 27.7 | 19.2 | 15.6 | 17.1 | 18.6 | 20.1 | 21.5 | 21.9 | 22.3 |
| 100° | 60.6 | 48.0 | 35.4 | 22.8 | 17.3 | 18.9 | 20.4 | 22.0 | 23.5 | 24.3 | 25.0 |
| 102.5° | 92.4 | 89.7 | 87.0 | 84.4 | 76.4 | 63.5 | 50.4 | 37.3 | 24.2 | 25.2 | 26.1 |
| 105° | 128.4 | 131.2 | 134.0 | 136.7 | 125.6 | 100.4 | 75.4 | 50.3 | 25.2 | 26.2 | 27.3 |
| 107.5° | 162.9 | 165.1 | 167.3 | 169.5 | 155.6 | 125.6 | 95.5 | 65.4 | 35.3 | 34.3 | 33.3 |
| 110° | 185.1 | 187.0 | 188.9 | 190.8 | 178.6 | 152.0 | 125.5 | 98.9 | 72.3 | 63.1 | 53.9 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 206.0 | 207.7 | 209.5 | 211.1 | 208.7 | 202.2 | 195.6 | 189.0 | 182.5 | 148.9 | 115.4 |
| 115° | 239.2 | 240.8 | 242.4 | 244.0 | 245.9 | 248.2 | 250.5 | 252.8 | 255.1 | 212.5 | 170.0 |
| 117.5° | 269.3 | 271.1 | 272.8 | 274.6 | 276.2 | 277.8 | 279.4 | 281.0 | 282.5 | 272.3 | 262.0 |
| 120° | 290.7 | 292.2 | 293.5 | 294.9 | 296.4 | 298.1 | 299.8 | 301.3 | 303.0 | 304.1 | 305.2 |
| 122.5° | 309.3 | 310.9 | 312.3 | 313.7 | 315.4 | 317.1 | 318.9 | 320.8 | 322.6 | 323.2 | 323.8 |
| 125° | 337.3 | 338.5 | 339.7 | 340.9 | 342.4 | 344.1 | 345.9 | 347.6 | 349.4 | 350.0 | 350.6 |
| 127.5° | 363.0 | 364.3 | 365.6 | 366.9 | 368.3 | 369.6 | 370.9 | 372.2 | 373.5 | 374.4 | 375.3 |
| 130° | 379.3 | 380.8 | 382.3 | 383.7 | 385.0 | 386.0 | 387.0 | 388.0 | 389.0 | 390.1 | 391.0 |
| 132.5° | 395.6 | 396.9 | 398.2 | 399.4 | 400.5 | 401.6 | 402.6 | 403.5 | 404.6 | 405.4 | 406.3 |
| 135° | 417.4 | 418.8 | 420.3 | 421.8 | 422.9 | 423.7 | 424.6 | 425.4 | 426.2 | 427.1 | 428.1 |
| 137.5° | 438.6 | 439.7 | 440.7 | 441.7 | 442.8 | 443.7 | 444.7 | 445.5 | 446.5 | 447.4 | 448.3 |
| 140° | 452.6 | 453.4 | 454.1 | 454.8 | 455.7 | 456.7 | 457.7 | 458.7 | 459.7 | 460.6 | 461.4 |
| 142.5° | 464.5 | 465.1 | 465.7 | 466.4 | 467.3 | 468.5 | 469.6 | 470.8 | 472.0 | 472.7 | 473.5 |
| 145° | 482.4 | 482.3 | 482.2 | 482.1 | 482.8 | 484.4 | 485.9 | 487.5 | 489.1 | 489.7 | 490.4 |
| 147.5° | 498.4 | 498.0 | 497.7 | 497.3 | 498.0 | 499.5 | 501.1 | 502.6 | 504.1 | 504.6 | 505.1 |
| 150° | 508.7 | 508.0 | 507.4 | 506.8 | 507.2 | 508.7 | 510.1 | 511.6 | 513.0 | 513.6 | 514.1 |
| 152.5° | 517.5 | 516.8 | 516.1 | 515.4 | 515.7 | 517.1 | 518.6 | 519.9 | 521.3 | 521.9 | 522.4 |
| 155° | 530.4 | 529.6 | 528.8 | 527.9 | 528.1 | 529.2 | 530.3 | 531.4 | 532.5 | 533.1 | 533.6 |
| 157.5° | 540.7 | 540.0 | 539.3 | 538.6 | 538.7 | 539.4 | 540.2 | 541.0 | 541.8 | 542.3 | 543.0 |
| 160° | 546.8 | 546.3 | 545.7 | 545.2 | 545.2 | 545.7 | 546.3 | 546.8 | 547.4 | 548.0 | 548.4 |
| 162.5° | 552.1 | 551.5 | 551.0 | 550.5 | 550.4 | 550.9 | 551.4 | 551.8 | 552.3 | 552.9 | 553.6 |
| 165° | 559.2 | 558.6 | 558.1 | 557.5 | 557.5 | 557.7 | 557.9 | 558.3 | 558.5 | 559.2 | 559.8 |
| 167.5° | 564.5 | 564.0 | 563.4 | 562.8 | 562.7 | 562.9 | 563.2 | 563.5 | 563.7 | 564.4 | 565.0 |
| 170° | 567.5 | 567.0 | 566.4 | 565.9 | 565.6 | 565.9 | 566.0 | 566.2 | 566.4 | 567.0 | 567.7 |
| 172.5° | 569.5 | 568.9 | 568.4 | 567.8 | 567.6 | 567.8 | 568.0 | 568.2 | 568.4 | 569.0 | 569.7 |
| 175° | 572.0 | 571.3 | 570.7 | 570.0 | 569.8 | 570.0 | 570.1 | 570.3 | 570.5 | 571.2 | 571.8 |
| 177.5° | 572.5 | 572.0 | 571.5 | 570.9 | 570.7 | 570.8 | 570.8 | 570.9 | 571.0 | 571.6 | 572.0 |
| 180° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 | 851.4 |
| 2.5° | 881.2 | 884.3 | 885.7 | 885.7 | 887.4 | 886.7 | 886.0 |
| 5° | 931.8 | 937.5 | 938.7 | 944.0 | 947.8 | 946.7 | 947.2 |
| 7.5° | 982.2 | 991.3 | 1000.2 | 1004.2 | 1005.0 | 1007.3 | 1008.2 |
| 10° | 1013.2 | 1020.6 | 1034.5 | 1032.5 | 1042.8 | 1048.7 | 1038.9 |
| 12.5° | 1043.1 | 1053.0 | 1062.7 | 1065.3 | 1071.2 | 1073.1 | 1069.2 |
| 15° | 1070.0 | 1075.3 | 1075.9 | 1074.4 | 1076.3 | 1074.8 | 1069.1 |
| 17.5° | 1044.8 | 1036.2 | 1018.7 | 1010.3 | 1003.8 | 994.1 | 990.2 |
| 20° | 1003.1 | 977.7 | 948.2 | 936.3 | 922.4 | 895.2 | 901.7 |
| 22.5° | 913.2 | 884.2 | 854.7 | 820.1 | 803.6 | 777.8 | 776.3 |
| 25° | 773.3 | 723.3 | 668.3 | 629.8 | 607.4 | 581.6 | 570.4 |
| 27.5° | 601.3 | 538.3 | 493.2 | 470.4 | 449.6 | 429.2 | 428.3 |
| 30° | 488.1 | 440.8 | 405.9 | 386.3 | 373.7 | 365.0 | 366.9 |
| 32.5° | 411.5 | 379.0 | 355.5 | 339.3 | 329.9 | 323.4 | 323.3 |
| 35° | 336.4 | 314.2 | 299.0 | 292.3 | 285.5 | 280.7 | 281.1 |
| 37.5° | 287.9 | 274.5 | 266.1 | 258.6 | 254.4 | 252.1 | 250.7 |
| 40° | 263.0 | 252.1 | 245.6 | 241.1 | 237.6 | 234.3 | 233.7 |
| 42.5° | 243.4 | 234.3 | 227.8 | 224.3 | 221.0 | 218.6 | 218.1 |
| 45° | 215.9 | 208.6 | 202.6 | 198.8 | 197.3 | 195.3 | 195.3 |
| 47.5° | 192.1 | 184.8 | 180.2 | 177.8 | 175.2 | 173.9 | 173.8 |
| 50° | 176.0 | 170.4 | 166.3 | 164.8 | 162.7 | 161.8 | 161.5 |
| 52.5° | 161.6 | 157.4 | 154.4 | 153.4 | 152.5 | 151.4 | 151.5 |
| 55° | 142.0 | 139.7 | 138.5 | 137.5 | 136.1 | 134.3 | 135.5 |
| 57.5° | 125.5 | 123.5 | 120.3 | 117.5 | 116.1 | 114.9 | 115.3 |
| 60° | 113.9 | 109.7 | 105.6 | 102.3 | 101.5 | 98.8 | 98.8 |
| 62.5° | 99.3 | 93.4 | 88.3 | 86.5 | 85.6 | 84.4 | 84.1 |
| 65° | 76.3 | 74.0 | 72.8 | 71.6 | 71.0 | 71.0 | 70.4 |
| 67.5° | 63.2 | 62.3 | 61.0 | 60.7 | 60.1 | 60.0 | 59.7 |
| 70° | 55.9 | 54.7 | 54.1 | 53.9 | 53.2 | 53.6 | 52.7 |
| 72.5° | 48.8 | 47.8 | 47.8 | 47.0 | 46.7 | 46.7 | 46.0 |
| 75° | 38.4 | 38.4 | 38.2 | 37.9 | 37.3 | 37.0 | 37.3 |
| 77.5° | 29.5 | 29.6 | 29.1 | 29.1 | 29.0 | 29.1 | 28.8 |
| 80° | 23.7 | 23.9 | 23.7 | 23.4 | 23.1 | 23.4 | 23.1 |
| 82.5° | 18.7 | 18.3 | 18.2 | 18.1 | 18.1 | 17.9 | 17.9 |
| 85° | 10.6 | 10.9 | 10.6 | 10.4 | 10.4 | 10.4 | 10.6 |
| 87.5° | 5.9 | 6.0 | 6.1 | 6.2 | 6.2 | 6.3 | 6.0 |
| 90° | 9.7 | 10.1 | 10.5 | 10.6 | 10.8 | 11.0 | 11.2 |
| 92.5° | 10.3 | 10.5 | 10.7 | 10.9 | 10.9 | 11.1 | 11.2 |
| 95° | 17.5 | 18.0 | 18.1 | 18.1 | 18.0 | 17.9 | 17.7 |
| 97.5° | 22.7 | 23.1 | 23.3 | 23.4 | 23.5 | 23.6 | 23.8 |
| 100° | 25.7 | 26.5 | 26.9 | 27.2 | 27.3 | 27.5 | 27.7 |
| 102.5° | 27.1 | 28.0 | 28.7 | 28.9 | 29.2 | 29.4 | 29.7 |
| 105° | 28.3 | 29.2 | 29.9 | 30.3 | 30.7 | 31.1 | 31.4 |
| 107.5° | 32.2 | 31.2 | 30.9 | 31.2 | 31.6 | 31.9 | 32.3 |
| 110° | 44.8 | 35.6 | 31.2 | 31.5 | 31.9 | 32.3 | 32.6 |



TEST NUMBER: P331651-927

CATALOG NUMBER: SA2XXRDIP-C485D530U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 81.9 | 48.4 | 31.8 | 32.1 | 32.4 | 32.7 | 33.0 |
| 115° | 127.5 | 84.9 | 60.4 | 53.7 | 47.1 | 40.5 | 33.9 |
| 117.5° | 251.7 | 241.4 | 225.4 | 203.6 | 181.9 | 160.2 | 138.4 |
| 120° | 306.3 | 307.4 | 301.8 | 289.4 | 277.0 | 264.6 | 252.2 |
| 122.5° | 324.6 | 325.2 | 324.3 | 321.9 | 319.5 | 317.1 | 314.7 |
| 125° | 351.3 | 351.9 | 352.4 | 352.7 | 352.9 | 353.2 | 353.5 |
| 127.5° | 376.3 | 377.2 | 377.7 | 377.8 | 377.9 | 377.9 | 378.0 |
| 130° | 392.1 | 393.1 | 393.6 | 393.4 | 393.3 | 393.2 | 393.2 |
| 132.5° | 407.2 | 408.1 | 408.4 | 408.3 | 408.2 | 408.1 | 408.1 |
| 135° | 429.0 | 429.9 | 430.3 | 430.1 | 429.9 | 429.8 | 429.5 |
| 137.5° | 449.2 | 450.1 | 450.4 | 450.0 | 449.7 | 449.5 | 449.2 |
| 140° | 462.2 | 463.0 | 463.2 | 462.7 | 462.3 | 461.8 | 461.4 |
| 142.5° | 474.2 | 475.0 | 475.2 | 474.7 | 474.2 | 473.7 | 473.2 |
| 145° | 491.0 | 491.6 | 491.7 | 491.3 | 490.8 | 490.4 | 489.9 |
| 147.5° | 505.6 | 506.0 | 506.0 | 505.7 | 505.3 | 504.9 | 504.5 |
| 150° | 514.7 | 515.2 | 515.3 | 514.8 | 514.4 | 513.9 | 513.5 |
| 152.5° | 523.0 | 523.6 | 523.5 | 522.9 | 522.3 | 521.7 | 521.1 |
| 155° | 534.2 | 534.7 | 534.6 | 533.9 | 533.1 | 532.4 | 531.6 |
| 157.5° | 543.6 | 544.2 | 544.2 | 543.4 | 542.7 | 542.0 | 541.3 |
| 160° | 549.0 | 549.5 | 549.5 | 548.9 | 548.3 | 547.6 | 546.9 |
| 162.5° | 554.2 | 554.8 | 554.8 | 554.0 | 553.2 | 552.4 | 551.6 |
| 165° | 560.5 | 561.1 | 561.1 | 560.5 | 559.8 | 559.2 | 558.5 |
| 167.5° | 565.7 | 566.3 | 566.3 | 565.4 | 564.6 | 563.7 | 562.9 |
| 170° | 568.3 | 568.9 | 568.9 | 568.0 | 567.2 | 566.4 | 565.5 |
| 172.5° | 570.3 | 570.9 | 570.8 | 570.1 | 569.2 | 568.4 | 567.5 |
| 175° | 572.4 | 573.1 | 573.0 | 572.0 | 571.1 | 570.2 | 569.3 |
| 177.5° | 572.6 | 573.1 | 573.0 | 572.4 | 571.6 | 571.0 | 570.4 |
| 180° | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 | 571.3 |

(END OF REPORT)