

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: P331629-830

Luminaire Tested: **SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P331629-830  
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-C290D725U830-4F0-1E-UDD-A4  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 290 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 725 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

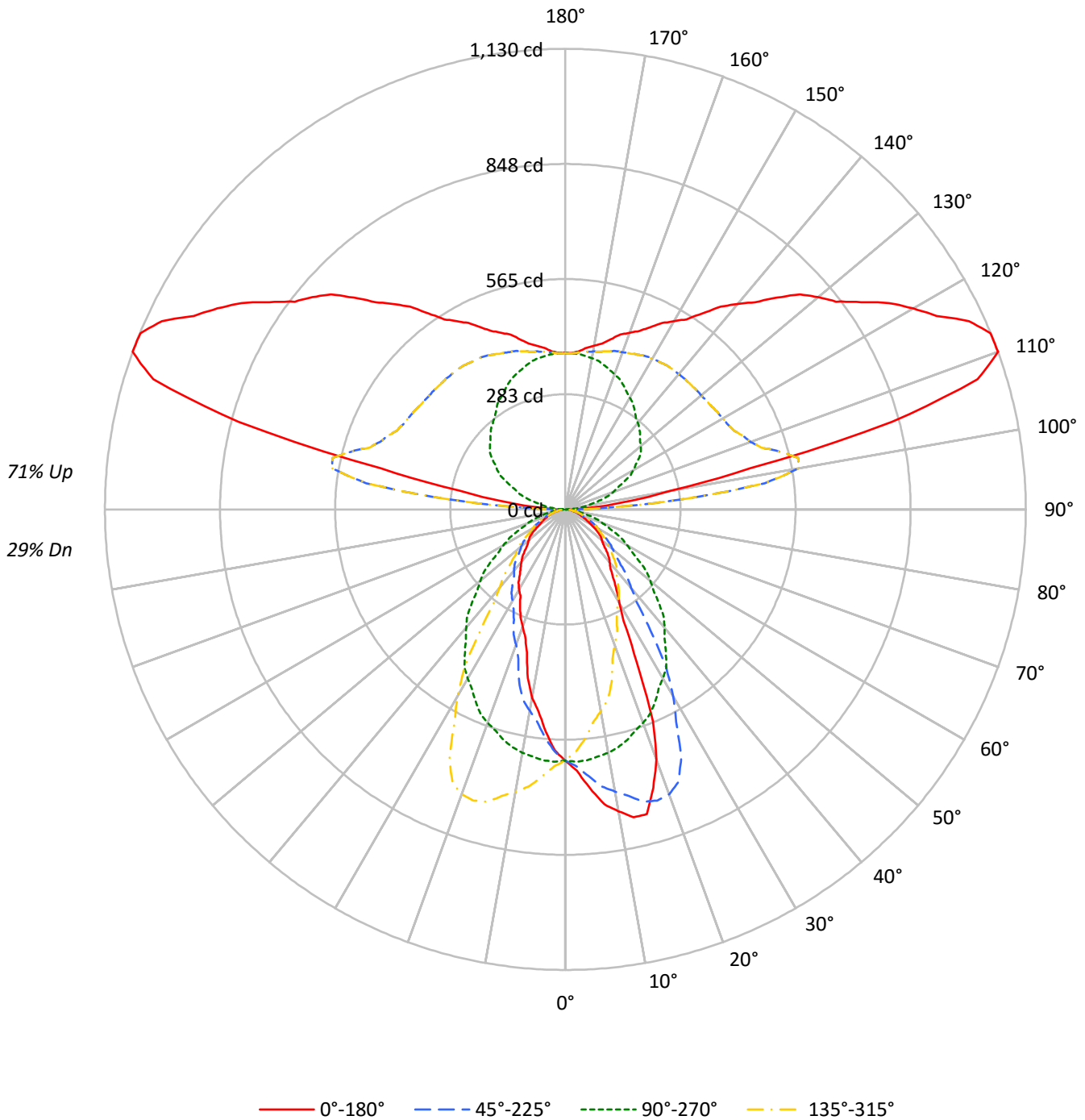
Lumens per Lamp: N/A  
Luminaire Lumens: 3734.4 lumens  
Efficiency: N/A  
Efficacy: 119.7 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Indirect

Input Watts (W): 31.2  
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: P331629-830  
CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

### Luminous Intensity Polar Plot





TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-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   | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 71 | 71 | 71 | 53 | 53 | 53 | 36 | 36 | 36 | 29 |
| 1   | 93  | 89  | 86  | 83  | 84 | 80 | 77 | 75 | 63 | 61 | 59 | 47 | 46 | 45 | 33 | 32 | 32 | 25 |
| 2   | 85  | 79  | 73  | 68  | 76 | 71 | 66 | 62 | 56 | 53 | 50 | 42 | 40 | 38 | 29 | 28 | 27 | 22 |
| 3   | 78  | 69  | 63  | 57  | 70 | 63 | 57 | 52 | 50 | 46 | 42 | 38 | 35 | 33 | 27 | 25 | 24 | 19 |
| 4   | 72  | 62  | 54  | 49  | 64 | 56 | 49 | 45 | 44 | 40 | 36 | 34 | 31 | 29 | 24 | 22 | 21 | 17 |
| 5   | 66  | 55  | 48  | 42  | 59 | 50 | 43 | 38 | 40 | 35 | 32 | 31 | 27 | 25 | 22 | 20 | 19 | 15 |
| 6   | 61  | 49  | 42  | 36  | 54 | 45 | 38 | 34 | 36 | 31 | 28 | 28 | 25 | 22 | 20 | 18 | 17 | 13 |
| 7   | 56  | 45  | 37  | 32  | 50 | 41 | 34 | 30 | 33 | 28 | 25 | 25 | 22 | 20 | 18 | 16 | 15 | 12 |
| 8   | 52  | 41  | 33  | 28  | 47 | 37 | 31 | 26 | 30 | 25 | 22 | 23 | 20 | 18 | 17 | 15 | 14 | 11 |
| 9   | 49  | 37  | 30  | 25  | 44 | 34 | 28 | 23 | 27 | 23 | 20 | 21 | 18 | 16 | 16 | 14 | 12 | 10 |
| 10  | 45  | 34  | 27  | 23  | 41 | 31 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 15 | 15 | 13 | 11 | 9  |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180° | 270°  |
|-----|-------|-------|------|-------|
| 0°  | 9947  | 9947  | 9947 | 9947  |
| 5°  | 11110 | 10010 | 8877 | 10010 |
| 10° | 12329 | 9940  | 7694 | 9940  |
| 15° | 12933 | 9795  | 6063 | 9795  |
| 20° | 11213 | 9579  | 5246 | 9579  |
| 25° | 7352  | 9283  | 4684 | 9283  |
| 30° | 4950  | 8925  | 4238 | 8925  |
| 35° | 4009  | 8474  | 3824 | 8474  |
| 40° | 3564  | 7982  | 3539 | 7982  |
| 45° | 3226  | 7405  | 3158 | 7405  |
| 50° | 2936  | 6835  | 2926 | 6835  |
| 55° | 2759  | 6201  | 2725 | 6201  |
| 60° | 2309  | 5622  | 2283 | 5622  |
| 65° | 1948  | 5104  | 2208 | 5104  |
| 70° | 1799  | 4556  | 2082 | 4556  |
| 75° | 1684  | 3968  | 1921 | 3968  |
| 80° | 1553  | 3273  | 1711 | 3273  |
| 85° | 1426  | 2575  | 1501 | 2575  |



TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 58.4   | 1.6       |
| 10°-20°   | 162.8  | 4.4       |
| 20°-30°   | 209.7  | 5.6       |
| 30°-40°   | 199.3  | 5.3       |
| 40°-50°   | 170.7  | 4.6       |
| 50°-60°   | 130.0  | 3.5       |
| 60°-70°   | 82.2   | 2.2       |
| 70°-80°   | 41.0   | 1.1       |
| 80°-90°   | 14.1   | 0.4       |
| 90°-100°  | 153.2  | 4.1       |
| 100°-110° | 519.8  | 13.9      |
| 110°-120° | 552.3  | 14.8      |
| 120°-130° | 454.6  | 12.2      |
| 130°-140° | 365.1  | 9.8       |
| 140°-150° | 275.9  | 7.4       |
| 150°-160° | 193.9  | 5.2       |
| 160°-170° | 114.1  | 3.1       |
| 170°-180° | 37.1   | 1.0       |
| 0°-30°    | 430.9  | 11.5      |
| 0°-40°    | 630.2  | 16.9      |
| 0°-60°    | 931.0  | 24.9      |
| 0°-90°    | 1068.3 | 28.6      |
| 90°-120°  | 1225.3 | 32.8      |
| 90°-150°  | 2320.9 | 62.1      |
| 90°-180°  | 2666.0 | 71.4      |
| 0°-180°   | 3734.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0°   | 616  | 616 | 616  | 616  | 616  |      |
| 5°   | 686  | 618 | 548  | 618  | 686  | 68   |
| 15°  | 774  | 586 | 363  | 586  | 774  | 209  |
| 25°  | 413  | 521 | 263  | 521  | 413  | 196  |
| 35°  | 203  | 430 | 194  | 430  | 203  | 130  |
| 45°  | 141  | 324 | 138  | 324  | 141  | 109  |
| 55°  | 98   | 220 | 97   | 220  | 98   | 86   |
| 65°  | 51   | 134 | 58   | 134  | 51   | 52   |
| 75°  | 27   | 64  | 31   | 64   | 27   | 29   |
| 85°  | 8    | 14  | 8    | 14   | 8    | 9    |
| 90°  | 24   | 1   | 24   | 1    | 24   | 13   |
| 95°  | 84   | 26  | 84   | 26   | 84   | 109  |
| 105° | 830  | 90  | 830  | 90   | 830  | 803  |
| 115° | 1093 | 158 | 1093 | 158  | 1093 | 1070 |
| 125° | 886  | 221 | 886  | 221  | 886  | 801  |
| 135° | 735  | 259 | 735  | 259  | 735  | 571  |
| 145° | 586  | 296 | 586  | 296  | 586  | 372  |
| 155° | 493  | 337 | 493  | 337  | 493  | 230  |
| 165° | 432  | 367 | 432  | 367  | 432  | 124  |
| 175° | 390  | 382 | 390  | 382  | 390  | 38   |
| 180° | 383  | 383 | 383  | 383  | 383  |      |



TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°     | 616.1  | 616.1  | 616.1  | 616.1  | 616.1  | 616.1  | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 |
| 2.5°   | 641.2  | 641.7  | 642.2  | 641.0  | 641.0  | 640.0  | 637.7 | 636.0 | 631.2 | 630.6 | 630.6 |
| 5°     | 685.5  | 685.1  | 686.0  | 683.2  | 679.4  | 678.4  | 674.4 | 669.0 | 663.5 | 657.3 | 656.0 |
| 7.5°   | 729.6  | 729.0  | 727.3  | 726.8  | 723.9  | 717.4  | 710.9 | 703.9 | 694.7 | 685.6 | 681.1 |
| 10°    | 752.0  | 759.0  | 754.7  | 747.2  | 748.7  | 738.7  | 733.3 | 724.1 | 716.3 | 702.9 | 699.9 |
| 12.5°  | 773.8  | 776.7  | 775.2  | 771.0  | 769.1  | 762.1  | 754.9 | 746.9 | 732.6 | 720.6 | 710.0 |
| 15°    | 773.7  | 777.8  | 778.9  | 777.6  | 778.6  | 778.3  | 774.4 | 767.8 | 755.4 | 742.1 | 730.5 |
| 17.5°  | 716.6  | 719.4  | 726.5  | 731.2  | 737.3  | 749.9  | 756.2 | 758.6 | 756.8 | 749.1 | 741.0 |
| 20°    | 652.6  | 647.9  | 667.6  | 677.6  | 686.2  | 707.6  | 726.0 | 733.1 | 744.4 | 744.2 | 742.1 |
| 22.5°  | 561.8  | 562.9  | 581.5  | 593.5  | 618.5  | 640.0  | 660.9 | 687.5 | 709.5 | 724.0 | 732.4 |
| 25°    | 412.7  | 420.9  | 439.5  | 455.8  | 483.6  | 523.5  | 559.7 | 601.6 | 641.2 | 672.5 | 702.3 |
| 27.5°  | 310.0  | 310.7  | 325.4  | 340.4  | 356.9  | 389.6  | 435.2 | 485.2 | 541.7 | 588.3 | 641.9 |
| 30°    | 265.5  | 264.2  | 270.4  | 279.7  | 293.8  | 319.1  | 353.3 | 402.5 | 458.8 | 529.0 | 591.5 |
| 32.5°  | 233.9  | 234.0  | 238.7  | 245.5  | 257.2  | 274.3  | 297.7 | 337.8 | 391.0 | 460.1 | 533.3 |
| 35°    | 203.4  | 203.2  | 206.6  | 211.5  | 216.4  | 227.3  | 243.5 | 264.4 | 301.0 | 365.4 | 440.4 |
| 37.5°  | 181.4  | 182.4  | 184.1  | 187.2  | 192.6  | 198.7  | 208.3 | 222.4 | 248.5 | 286.6 | 349.6 |
| 40°    | 169.1  | 169.6  | 171.9  | 174.5  | 177.7  | 182.4  | 190.3 | 201.7 | 220.7 | 251.1 | 297.2 |
| 42.5°  | 157.9  | 158.3  | 159.9  | 162.3  | 164.9  | 169.6  | 176.2 | 186.0 | 201.4 | 225.1 | 263.1 |
| 45°    | 141.3  | 141.3  | 142.8  | 143.8  | 146.7  | 150.9  | 156.3 | 164.5 | 175.1 | 192.7 | 217.9 |
| 47.5°  | 125.8  | 125.8  | 126.9  | 128.7  | 130.4  | 133.7  | 139.0 | 145.7 | 153.4 | 167.0 | 188.6 |
| 50°    | 116.9  | 117.2  | 117.7  | 119.2  | 120.4  | 123.3  | 127.4 | 133.2 | 141.3 | 151.8 | 169.8 |
| 52.5°  | 109.7  | 109.6  | 110.4  | 111.0  | 111.8  | 113.9  | 117.0 | 122.1 | 129.3 | 138.5 | 153.4 |
| 55°    | 98.0   | 97.2   | 98.5   | 99.5   | 100.2  | 101.0  | 102.7 | 105.9 | 112.2 | 119.9 | 131.0 |
| 57.5°  | 83.5   | 83.1   | 84.1   | 85.0   | 87.1   | 89.4   | 90.9  | 92.8  | 96.0  | 101.6 | 112.6 |
| 60°    | 71.5   | 71.5   | 73.4   | 74.1   | 76.4   | 79.5   | 82.5  | 84.2  | 87.4  | 91.0  | 99.2  |
| 62.5°  | 60.9   | 61.1   | 61.9   | 62.6   | 63.9   | 67.6   | 71.8  | 75.6  | 78.6  | 82.1  | 87.5  |
| 65°    | 51.0   | 51.4   | 51.4   | 51.8   | 52.7   | 53.5   | 55.2  | 58.2  | 63.6  | 68.5  | 72.6  |
| 67.5°  | 43.3   | 43.4   | 43.5   | 43.9   | 44.1   | 45.1   | 45.8  | 47.1  | 48.4  | 53.0  | 58.1  |
| 70°    | 38.1   | 38.7   | 38.5   | 38.9   | 39.2   | 39.6   | 40.4  | 41.1  | 43.1  | 44.1  | 47.1  |
| 72.5°  | 33.3   | 33.7   | 33.7   | 34.0   | 34.6   | 34.7   | 35.3  | 36.0  | 37.2  | 38.1  | 39.8  |
| 75°    | 27.0   | 26.8   | 27.0   | 27.4   | 27.6   | 27.8   | 27.8  | 28.7  | 29.3  | 30.2  | 31.3  |
| 77.5°  | 20.8   | 21.0   | 21.0   | 21.0   | 21.1   | 21.5   | 21.4  | 21.8  | 22.4  | 22.9  | 23.4  |
| 80°    | 16.7   | 16.9   | 16.7   | 16.9   | 17.2   | 17.3   | 17.2  | 17.3  | 18.0  | 18.4  | 18.4  |
| 82.5°  | 12.9   | 13.0   | 13.1   | 13.1   | 13.2   | 13.2   | 13.6  | 13.6  | 14.0  | 13.9  | 14.1  |
| 85°    | 7.7    | 7.5    | 7.5    | 7.5    | 7.7    | 7.9    | 7.7   | 7.7   | 7.9   | 7.9   | 7.9   |
| 87.5°  | 7.6    | 7.7    | 7.7    | 7.7    | 7.7    | 7.6    | 7.4   | 7.8   | 7.7   | 8.1   | 7.7   |
| 90°    | 24.3   | 24.3   | 24.3   | 24.3   | 24.3   | 23.6   | 22.1  | 23.6  | 24.3  | 25.1  | 24.3  |
| 92.5°  | 40.8   | 42.0   | 41.4   | 43.7   | 44.4   | 48.9   | 55.1  | 64.3  | 80.9  | 95.8  | 94.4  |
| 95°    | 84.0   | 83.2   | 85.5   | 91.3   | 100.9  | 117.2  | 148.1 | 193.0 | 252.7 | 288.8 | 255.7 |
| 97.5°  | 165.3  | 171.5  | 182.3  | 200.4  | 235.6  | 288.8  | 368.5 | 450.4 | 517.3 | 493.0 | 371.4 |
| 100°   | 263.7  | 277.0  | 298.4  | 330.1  | 391.2  | 480.4  | 581.4 | 672.7 | 688.2 | 582.0 | 400.8 |
| 102.5° | 464.2  | 482.1  | 508.8  | 562.9  | 629.3  | 723.8  | 797.7 | 818.3 | 751.8 | 585.0 | 389.6 |
| 105°   | 830.4  | 840.7  | 872.3  | 918.0  | 963.7  | 988.1  | 978.5 | 895.2 | 742.0 | 545.9 | 367.7 |
| 107.5° | 1060.6 | 1074.4 | 1080.7 | 1083.3 | 1077.5 | 1041.8 | 965.2 | 839.8 | 677.2 | 504.1 | 356.8 |
| 110°   | 1130.2 | 1131.0 | 1124.4 | 1110.3 | 1078.6 | 1018.2 | 924.0 | 792.0 | 636.6 | 484.1 | 354.4 |



TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1129.1 | 1125.1 | 1112.6 | 1089.1 | 1045.1 | 975.8 | 875.0 | 748.5 | 608.3 | 471.1 | 355.0 |
| 115°   | 1092.7 | 1086.0 | 1066.9 | 1032.9 | 980.6  | 904.7 | 808.2 | 694.7 | 573.3 | 456.9 | 358.1 |
| 117.5° | 1027.7 | 1022.1 | 1001.9 | 966.1  | 912.8  | 841.6 | 754.0 | 654.4 | 551.1 | 449.9 | 363.4 |
| 120°   | 985.8  | 978.5  | 957.1  | 922.5  | 870.9  | 803.8 | 725.8 | 634.3 | 539.3 | 445.7 | 366.9 |
| 122.5° | 942.2  | 936.0  | 917.0  | 883.0  | 836.7  | 776.1 | 702.2 | 618.5 | 529.3 | 443.4 | 371.1 |
| 125°   | 886.4  | 880.4  | 862.0  | 834.1  | 791.3  | 736.0 | 671.2 | 595.3 | 515.0 | 439.1 | 377.2 |
| 127.5° | 837.4  | 832.7  | 816.8  | 790.6  | 753.3  | 702.3 | 641.1 | 572.5 | 501.7 | 436.6 | 383.6 |
| 130°   | 809.7  | 803.8  | 789.1  | 764.0  | 727.9  | 679.3 | 621.1 | 557.7 | 492.9 | 435.5 | 388.3 |
| 132.5° | 780.8  | 775.5  | 762.0  | 737.0  | 701.4  | 655.7 | 602.3 | 543.6 | 485.9 | 434.9 | 393.0 |
| 135°   | 734.6  | 731.6  | 718.4  | 694.1  | 662.3  | 621.1 | 572.5 | 523.9 | 476.0 | 433.9 | 398.6 |
| 137.5° | 689.2  | 684.8  | 673.2  | 652.2  | 623.3  | 587.4 | 548.7 | 508.1 | 469.0 | 433.9 | 403.6 |
| 140°   | 658.0  | 653.6  | 642.4  | 623.3  | 599.7  | 567.3 | 533.5 | 498.0 | 465.0 | 433.2 | 406.0 |
| 142.5° | 626.7  | 625.8  | 616.0  | 598.6  | 576.2  | 549.0 | 519.9 | 489.8 | 460.8 | 433.2 | 407.7 |
| 145°   | 586.4  | 584.3  | 576.9  | 564.4  | 546.7  | 525.4 | 502.5 | 478.2 | 455.3 | 431.8 | 409.6 |
| 147.5° | 552.7  | 551.4  | 546.4  | 536.4  | 521.8  | 506.1 | 488.3 | 469.2 | 449.8 | 429.1 | 410.3 |
| 150°   | 532.7  | 532.0  | 527.5  | 518.7  | 507.7  | 494.4 | 478.9 | 462.7 | 445.0 | 427.3 | 409.6 |
| 152.5° | 515.6  | 515.5  | 512.2  | 504.5  | 495.9  | 484.4 | 471.3 | 456.2 | 440.9 | 424.4 | 408.5 |
| 155°   | 492.9  | 494.4  | 491.4  | 486.3  | 478.2  | 470.0 | 459.0 | 447.2 | 433.2 | 419.2 | 406.7 |
| 157.5° | 473.6  | 473.6  | 472.3  | 468.0  | 462.2  | 455.9 | 446.7 | 436.8 | 426.0 | 414.0 | 403.3 |
| 160°   | 461.2  | 461.2  | 460.5  | 456.9  | 451.7  | 446.5 | 438.4 | 430.3 | 420.8 | 410.4 | 401.5 |
| 162.5° | 449.4  | 450.1  | 449.3  | 446.8  | 441.7  | 437.6 | 430.7 | 423.8 | 415.9 | 407.5 | 399.8 |
| 165°   | 432.5  | 433.2  | 433.2  | 430.3  | 427.3  | 424.4 | 419.2 | 414.1 | 408.2 | 401.5 | 396.4 |
| 167.5° | 416.9  | 417.7  | 417.9  | 416.3  | 415.0  | 412.3 | 408.8 | 404.8 | 400.5 | 396.4 | 393.0 |
| 170°   | 407.5  | 408.9  | 409.6  | 407.5  | 406.7  | 405.2 | 402.3 | 400.1 | 396.4 | 393.4 | 391.2 |
| 172.5° | 399.8  | 400.7  | 401.4  | 400.4  | 399.6  | 398.8 | 396.4 | 394.7 | 392.3 | 389.9 | 388.9 |
| 175°   | 389.7  | 391.2  | 392.0  | 391.2  | 391.2  | 390.5 | 389.7 | 389.0 | 386.8 | 386.1 | 385.3 |
| 177.5° | 383.7  | 384.9  | 385.5  | 385.5  | 385.5  | 385.5 | 384.9 | 384.9 | 383.7 | 383.1 | 383.7 |
| 180°   | 383.1  | 383.1  | 383.1  | 383.1  | 383.1  | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 |



TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 |
| 2.5°   | 630.9 | 629.5 | 628.3 | 625.3 | 623.7 | 620.3 | 619.8 | 619.6 | 615.2 | 610.9 | 609.6 |
| 5°     | 652.6 | 649.1 | 644.0 | 638.0 | 631.8 | 625.4 | 621.1 | 617.6 | 609.1 | 601.0 | 596.3 |
| 7.5°   | 674.4 | 667.0 | 658.2 | 646.9 | 637.3 | 626.8 | 618.9 | 611.8 | 599.6 | 588.0 | 580.1 |
| 10°    | 690.7 | 678.7 | 666.9 | 651.3 | 639.0 | 627.1 | 616.0 | 606.3 | 592.7 | 577.2 | 566.3 |
| 12.5°  | 700.8 | 687.6 | 671.4 | 656.1 | 640.3 | 625.0 | 610.1 | 597.8 | 581.6 | 565.7 | 552.8 |
| 15°    | 714.4 | 700.3 | 680.6 | 658.7 | 638.5 | 618.5 | 601.4 | 586.0 | 565.1 | 545.9 | 530.1 |
| 17.5°  | 725.7 | 706.2 | 685.0 | 659.8 | 636.2 | 611.0 | 588.9 | 569.2 | 545.8 | 522.8 | 504.2 |
| 20°    | 729.2 | 709.9 | 685.5 | 660.3 | 632.4 | 602.7 | 578.9 | 557.5 | 532.4 | 507.4 | 486.0 |
| 22.5°  | 727.0 | 712.0 | 684.9 | 654.6 | 626.1 | 595.0 | 568.2 | 543.3 | 515.5 | 489.9 | 465.1 |
| 25°    | 711.9 | 706.7 | 681.1 | 648.1 | 615.6 | 579.4 | 548.3 | 521.1 | 489.5 | 462.0 | 435.1 |
| 27.5°  | 676.7 | 687.8 | 671.8 | 636.7 | 600.5 | 561.8 | 526.8 | 495.9 | 463.0 | 432.2 | 405.3 |
| 30°    | 642.7 | 668.2 | 661.4 | 628.8 | 588.3 | 550.3 | 511.0 | 478.7 | 443.7 | 411.9 | 385.4 |
| 32.5°  | 596.3 | 638.4 | 645.1 | 617.8 | 576.0 | 534.1 | 493.0 | 460.9 | 424.2 | 390.9 | 365.0 |
| 35°    | 522.4 | 585.3 | 614.3 | 596.9 | 555.0 | 509.7 | 467.4 | 429.9 | 393.0 | 360.1 | 334.4 |
| 37.5°  | 434.2 | 520.0 | 568.2 | 569.4 | 530.8 | 483.9 | 437.7 | 400.5 | 362.8 | 330.5 | 302.7 |
| 40°    | 377.0 | 470.0 | 532.7 | 546.6 | 514.1 | 463.4 | 416.6 | 378.7 | 342.0 | 310.2 | 278.3 |
| 42.5°  | 325.6 | 418.2 | 495.3 | 519.5 | 493.7 | 443.3 | 396.4 | 356.8 | 321.0 | 291.1 | 258.4 |
| 45°    | 263.3 | 344.3 | 429.2 | 472.5 | 458.2 | 411.5 | 362.0 | 324.3 | 290.8 | 264.9 | 233.6 |
| 47.5°  | 222.2 | 279.2 | 361.5 | 419.9 | 419.7 | 377.1 | 328.4 | 292.4 | 261.2 | 236.9 | 211.6 |
| 50°    | 198.7 | 248.4 | 317.9 | 384.3 | 389.8 | 354.1 | 307.8 | 272.1 | 243.0 | 217.5 | 197.2 |
| 52.5°  | 177.6 | 218.6 | 281.1 | 344.8 | 360.6 | 329.6 | 284.7 | 251.8 | 223.5 | 200.0 | 182.7 |
| 55°    | 150.1 | 181.8 | 229.3 | 288.8 | 312.8 | 291.0 | 251.1 | 220.3 | 197.4 | 177.7 | 162.7 |
| 57.5°  | 127.0 | 150.7 | 188.9 | 236.8 | 264.7 | 251.0 | 218.1 | 193.0 | 173.4 | 155.6 | 143.8 |
| 60°    | 112.4 | 131.9 | 164.2 | 204.2 | 235.1 | 225.5 | 197.4 | 174.1 | 157.4 | 141.9 | 130.8 |
| 62.5°  | 98.7  | 115.5 | 143.2 | 175.7 | 203.9 | 199.9 | 177.0 | 157.4 | 142.8 | 128.8 | 119.3 |
| 65°    | 79.5  | 91.6  | 113.3 | 138.7 | 161.5 | 163.3 | 146.8 | 133.6 | 120.6 | 109.4 | 101.0 |
| 67.5°  | 63.2  | 71.3  | 86.4  | 107.9 | 124.9 | 131.0 | 120.9 | 110.7 | 100.4 | 91.8  | 84.5  |
| 70°    | 53.3  | 59.8  | 70.9  | 88.2  | 103.9 | 110.3 | 104.4 | 96.5  | 87.6  | 80.5  | 74.3  |
| 72.5°  | 43.2  | 49.5  | 57.7  | 70.4  | 83.8  | 90.8  | 88.7  | 83.0  | 75.8  | 69.8  | 64.0  |
| 75°    | 32.5  | 34.5  | 40.1  | 48.6  | 59.1  | 65.1  | 66.5  | 63.6  | 57.8  | 53.3  | 49.9  |
| 77.5°  | 24.0  | 25.3  | 27.9  | 32.3  | 39.2  | 44.6  | 46.8  | 46.4  | 42.4  | 39.9  | 36.6  |
| 80°    | 19.2  | 19.9  | 21.2  | 23.1  | 28.3  | 33.6  | 35.2  | 35.2  | 32.3  | 31.3  | 28.1  |
| 82.5°  | 14.6  | 15.1  | 15.9  | 17.0  | 19.3  | 24.0  | 25.7  | 26.0  | 24.3  | 22.9  | 20.4  |
| 85°    | 8.4   | 8.1   | 8.6   | 9.2   | 9.6   | 10.9  | 13.5  | 13.9  | 13.5  | 11.8  | 11.1  |
| 87.5°  | 6.9   | 6.0   | 5.3   | 4.7   | 4.5   | 4.4   | 4.7   | 5.1   | 4.9   | 4.9   | 4.9   |
| 90°    | 19.9  | 14.7  | 11.0  | 8.9   | 7.4   | 5.9   | 2.9   | 0.8   | 2.9   | 5.9   | 7.4   |
| 92.5°  | 73.5  | 50.1  | 33.5  | 26.5  | 21.5  | 18.3  | 13.0  | 9.0   | 13.0  | 18.3  | 21.5  |
| 95°    | 170.2 | 106.1 | 72.2  | 54.5  | 42.7  | 36.1  | 28.7  | 25.8  | 28.7  | 36.1  | 42.7  |
| 97.5°  | 229.3 | 140.0 | 97.4  | 77.4  | 63.8  | 53.8  | 46.0  | 42.0  | 46.0  | 53.8  | 63.8  |
| 100°   | 241.7 | 151.7 | 112.7 | 92.1  | 77.4  | 65.6  | 58.9  | 56.7  | 58.9  | 65.6  | 77.4  |
| 102.5° | 242.2 | 162.4 | 126.3 | 105.7 | 90.3  | 78.5  | 71.9  | 70.3  | 71.9  | 78.5  | 90.3  |
| 105°   | 246.1 | 180.5 | 145.9 | 125.3 | 109.1 | 98.0  | 92.8  | 89.9  | 92.8  | 98.0  | 109.1 |
| 107.5° | 256.3 | 199.1 | 165.5 | 144.7 | 128.7 | 118.5 | 113.5 | 111.1 | 113.5 | 118.5 | 128.7 |
| 110°   | 264.5 | 211.4 | 179.1 | 157.7 | 142.2 | 132.6 | 128.2 | 125.3 | 128.2 | 132.6 | 142.2 |





TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 273.3 | 223.3 | 192.0 | 170.0 | 155.1 | 146.2 | 141.2 | 138.2 | 141.2 | 146.2 | 155.1 |
| 115°   | 286.6 | 241.7 | 210.0 | 190.1 | 175.3 | 166.5 | 162.1 | 158.4 | 162.1 | 166.5 | 175.3 |
| 117.5° | 300.8 | 258.6 | 229.3 | 208.7 | 194.5 | 186.7 | 182.3 | 179.4 | 182.3 | 186.7 | 194.5 |
| 120°   | 310.2 | 270.4 | 241.7 | 221.0 | 206.3 | 199.6 | 195.3 | 192.3 | 195.3 | 199.6 | 206.3 |
| 122.5° | 318.5 | 281.6 | 254.7 | 233.4 | 218.7 | 211.4 | 207.1 | 204.7 | 207.1 | 211.4 | 218.7 |
| 125°   | 331.6 | 298.4 | 271.8 | 251.3 | 236.5 | 227.6 | 223.3 | 221.0 | 223.3 | 227.6 | 236.5 |
| 127.5° | 343.7 | 314.1 | 288.2 | 267.0 | 252.9 | 243.2 | 237.0 | 234.0 | 237.0 | 243.2 | 252.9 |
| 130°   | 351.5 | 323.5 | 297.7 | 277.0 | 262.3 | 251.9 | 244.6 | 241.7 | 244.6 | 251.9 | 262.3 |
| 132.5° | 359.1 | 331.7 | 307.1 | 286.4 | 271.2 | 260.2 | 252.3 | 248.7 | 252.3 | 260.2 | 271.2 |
| 135°   | 369.1 | 343.4 | 319.8 | 299.2 | 282.2 | 271.2 | 262.3 | 259.4 | 262.3 | 271.2 | 282.2 |
| 137.5° | 376.8 | 352.8 | 329.5 | 310.4 | 293.5 | 281.7 | 272.9 | 269.4 | 272.9 | 281.7 | 293.5 |
| 140°   | 380.9 | 358.1 | 336.0 | 316.8 | 300.6 | 288.8 | 279.9 | 277.0 | 279.9 | 288.8 | 300.6 |
| 142.5° | 384.5 | 362.2 | 340.7 | 322.7 | 307.1 | 295.3 | 287.1 | 284.6 | 287.1 | 295.3 | 307.1 |
| 145°   | 389.0 | 368.4 | 348.5 | 332.2 | 317.5 | 306.5 | 299.2 | 296.1 | 299.2 | 306.5 | 317.5 |
| 147.5° | 391.5 | 373.4 | 354.7 | 340.3 | 328.0 | 317.8 | 310.8 | 308.6 | 310.8 | 317.8 | 328.0 |
| 150°   | 392.7 | 375.8 | 358.8 | 345.5 | 334.5 | 324.9 | 319.1 | 316.8 | 319.1 | 324.9 | 334.5 |
| 152.5° | 393.3 | 378.1 | 363.0 | 350.8 | 340.4 | 332.0 | 326.1 | 325.1 | 326.1 | 332.0 | 340.4 |
| 155°   | 394.2 | 381.6 | 369.1 | 358.1 | 350.0 | 341.9 | 337.4 | 336.7 | 337.4 | 341.9 | 350.0 |
| 157.5° | 394.2 | 384.2 | 373.5 | 364.3 | 357.8 | 350.7 | 347.1 | 346.5 | 347.1 | 350.7 | 357.8 |
| 160°   | 394.2 | 385.3 | 376.5 | 368.4 | 362.5 | 356.6 | 353.6 | 352.9 | 353.6 | 356.6 | 362.5 |
| 162.5° | 393.6 | 386.0 | 378.2 | 371.9 | 366.6 | 361.9 | 358.9 | 359.4 | 358.9 | 361.9 | 366.6 |
| 165°   | 392.0 | 386.8 | 380.2 | 375.8 | 372.1 | 367.7 | 366.2 | 366.9 | 366.2 | 367.7 | 372.1 |
| 167.5° | 391.0 | 386.6 | 381.8 | 379.0 | 376.4 | 373.5 | 372.2 | 373.2 | 372.2 | 373.5 | 376.4 |
| 170°   | 389.7 | 386.1 | 382.4 | 380.2 | 378.7 | 376.5 | 375.8 | 377.2 | 375.8 | 376.5 | 378.7 |
| 172.5° | 388.0 | 385.5 | 383.0 | 381.4 | 380.5 | 378.2 | 378.7 | 379.6 | 378.7 | 378.2 | 380.5 |
| 175°   | 386.1 | 384.6 | 383.1 | 382.4 | 382.4 | 380.9 | 381.6 | 382.4 | 381.6 | 380.9 | 382.4 |
| 177.5° | 384.9 | 383.7 | 383.1 | 383.1 | 383.1 | 381.9 | 382.6 | 383.7 | 382.6 | 381.9 | 383.1 |
| 180°   | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 |



TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°   | 160°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0°     | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1  | 616.1  |
| 2.5°   | 607.5 | 606.2 | 604.0 | 600.6 | 598.5 | 594.9 | 592.6 | 593.9 | 594.3 | 593.9  | 593.6  |
| 5°     | 591.2 | 586.6 | 580.4 | 574.4 | 568.8 | 562.9 | 559.4 | 558.0 | 555.0 | 553.3  | 552.3  |
| 7.5°   | 571.4 | 563.6 | 554.9 | 544.4 | 535.6 | 526.2 | 521.5 | 519.2 | 513.0 | 509.7  | 506.8  |
| 10°    | 556.7 | 544.4 | 535.6 | 522.0 | 513.6 | 501.4 | 493.0 | 493.3 | 484.9 | 480.2  | 476.8  |
| 12.5°  | 540.4 | 527.0 | 512.4 | 500.0 | 488.4 | 478.6 | 468.5 | 464.5 | 455.6 | 451.1  | 441.9  |
| 15°    | 513.4 | 497.8 | 482.4 | 465.7 | 453.9 | 438.7 | 424.1 | 406.3 | 392.0 | 379.6  | 376.2  |
| 17.5°  | 484.0 | 464.6 | 449.1 | 429.5 | 409.3 | 383.8 | 366.9 | 356.6 | 348.0 | 341.4  | 336.5  |
| 20°    | 463.7 | 444.0 | 427.5 | 398.0 | 370.8 | 353.5 | 341.1 | 333.1 | 324.1 | 317.1  | 313.2  |
| 22.5°  | 442.5 | 422.0 | 399.4 | 366.5 | 345.3 | 331.4 | 320.4 | 311.2 | 305.1 | 299.6  | 296.1  |
| 25°    | 412.4 | 389.8 | 352.8 | 330.2 | 313.0 | 298.4 | 290.8 | 285.2 | 278.8 | 271.3  | 267.9  |
| 27.5°  | 380.5 | 344.8 | 318.1 | 301.2 | 284.9 | 275.5 | 268.5 | 260.2 | 254.5 | 251.1  | 247.5  |
| 30°    | 356.7 | 320.9 | 300.2 | 281.7 | 270.2 | 259.7 | 251.6 | 246.9 | 241.3 | 235.5  | 233.2  |
| 32.5°  | 330.2 | 301.6 | 281.6 | 266.4 | 254.6 | 245.6 | 239.2 | 231.6 | 227.6 | 224.0  | 219.1  |
| 35°    | 297.2 | 275.5 | 257.3 | 245.0 | 233.8 | 226.5 | 219.0 | 214.5 | 207.3 | 204.2  | 202.4  |
| 37.5°  | 269.3 | 250.5 | 237.0 | 223.9 | 215.0 | 207.0 | 202.4 | 195.2 | 192.1 | 187.8  | 183.8  |
| 40°    | 253.4 | 235.1 | 222.1 | 211.3 | 201.4 | 195.5 | 189.7 | 183.9 | 179.2 | 177.3  | 172.4  |
| 42.5°  | 237.4 | 222.4 | 209.3 | 197.7 | 191.1 | 184.6 | 177.4 | 173.1 | 168.2 | 165.1  | 162.1  |
| 45°    | 215.2 | 201.9 | 190.8 | 181.2 | 173.8 | 167.2 | 162.5 | 155.4 | 152.7 | 146.5  | 143.8  |
| 47.5°  | 195.7 | 183.3 | 172.7 | 163.5 | 156.5 | 152.1 | 145.2 | 139.7 | 135.3 | 131.4  | 128.1  |
| 50°    | 181.8 | 171.4 | 161.2 | 153.1 | 146.7 | 140.4 | 133.4 | 130.6 | 123.8 | 121.8  | 119.9  |
| 52.5°  | 169.1 | 159.3 | 150.0 | 141.9 | 135.5 | 129.5 | 123.3 | 119.6 | 115.0 | 113.1  | 111.7  |
| 55°    | 151.4 | 141.9 | 133.0 | 125.9 | 119.5 | 113.3 | 109.4 | 104.9 | 102.7 | 101.2  | 99.5   |
| 57.5°  | 133.6 | 125.1 | 118.2 | 111.0 | 104.5 | 99.6  | 95.2  | 92.5  | 90.3  | 88.3   | 86.2   |
| 60°    | 122.2 | 114.1 | 107.9 | 101.2 | 94.6  | 90.6  | 87.2  | 83.9  | 81.3  | 78.3   | 77.5   |
| 62.5°  | 110.3 | 103.1 | 97.5  | 91.0  | 85.2  | 81.5  | 78.2  | 75.2  | 72.1  | 67.8   | 66.5   |
| 65°    | 93.8  | 88.2  | 82.2  | 76.8  | 71.7  | 68.1  | 63.3  | 59.9  | 58.6  | 58.2   | 58.1   |
| 67.5°  | 78.9  | 73.6  | 68.4  | 63.0  | 58.3  | 55.0  | 52.5  | 52.0  | 51.1  | 50.9   | 50.2   |
| 70°    | 68.9  | 64.0  | 58.9  | 53.7  | 49.2  | 48.6  | 47.8  | 46.8  | 45.8  | 45.4   | 45.0   |
| 72.5°  | 60.0  | 55.0  | 49.8  | 45.7  | 43.7  | 43.0  | 42.1  | 41.2  | 40.5  | 40.1   | 39.9   |
| 75°    | 46.0  | 41.3  | 37.9  | 36.4  | 35.3  | 34.7  | 33.4  | 32.8  | 32.3  | 31.7   | 31.5   |
| 77.5°  | 33.2  | 30.4  | 28.9  | 28.0  | 26.9  | 26.2  | 25.4  | 24.8  | 24.3  | 24.2   | 23.8   |
| 80°    | 25.3  | 23.9  | 22.9  | 21.6  | 21.2  | 20.4  | 20.2  | 19.5  | 19.7  | 19.0   | 19.0   |
| 82.5°  | 19.6  | 18.0  | 17.1  | 16.5  | 16.0  | 15.4  | 15.2  | 14.9  | 14.9  | 14.4   | 14.4   |
| 85°    | 10.1  | 9.6   | 9.2   | 8.8   | 8.8   | 8.1   | 8.4   | 8.1   | 8.1   | 7.7    | 7.5    |
| 87.5°  | 5.0   | 5.3   | 5.7   | 6.7   | 7.6   | 7.5   | 7.4   | 7.1   | 6.8   | 7.1    | 7.1    |
| 90°    | 8.9   | 11.0  | 14.7  | 19.9  | 24.3  | 25.1  | 24.3  | 23.6  | 22.1  | 23.6   | 24.3   |
| 92.5°  | 26.5  | 33.5  | 50.1  | 73.5  | 94.4  | 95.8  | 80.9  | 64.3  | 55.1  | 48.9   | 44.4   |
| 95°    | 54.5  | 72.2  | 106.1 | 170.2 | 255.7 | 288.8 | 252.7 | 193.0 | 148.1 | 117.2  | 100.9  |
| 97.5°  | 77.4  | 97.4  | 140.0 | 229.3 | 371.4 | 493.0 | 517.3 | 450.4 | 368.5 | 288.8  | 235.6  |
| 100°   | 92.1  | 112.7 | 151.7 | 241.7 | 400.8 | 582.0 | 688.2 | 672.7 | 581.4 | 480.4  | 391.2  |
| 102.5° | 105.7 | 126.3 | 162.4 | 242.2 | 389.6 | 585.0 | 751.8 | 818.3 | 797.7 | 723.8  | 629.3  |
| 105°   | 125.3 | 145.9 | 180.5 | 246.1 | 367.7 | 545.9 | 742.0 | 895.2 | 978.5 | 988.1  | 963.7  |
| 107.5° | 144.7 | 165.5 | 199.1 | 256.3 | 356.8 | 504.1 | 677.2 | 839.8 | 965.2 | 1041.8 | 1077.5 |
| 110°   | 157.7 | 179.1 | 211.4 | 264.5 | 354.4 | 484.1 | 636.6 | 792.0 | 924.0 | 1018.2 | 1078.6 |



TEST NUMBER: P331629-830  
 CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 170.0 | 192.0 | 223.3 | 273.3 | 355.0 | 471.1 | 608.3 | 748.5 | 875.0 | 975.8 | 1045.1 |
| 115°   | 190.1 | 210.0 | 241.7 | 286.6 | 358.1 | 456.9 | 573.3 | 694.7 | 808.2 | 904.7 | 980.6  |
| 117.5° | 208.7 | 229.3 | 258.6 | 300.8 | 363.4 | 449.9 | 551.1 | 654.4 | 754.0 | 841.6 | 912.8  |
| 120°   | 221.0 | 241.7 | 270.4 | 310.2 | 366.9 | 445.7 | 539.3 | 634.3 | 725.8 | 803.8 | 870.9  |
| 122.5° | 233.4 | 254.7 | 281.6 | 318.5 | 371.1 | 443.4 | 529.3 | 618.5 | 702.2 | 776.1 | 836.7  |
| 125°   | 251.3 | 271.8 | 298.4 | 331.6 | 377.2 | 439.1 | 515.0 | 595.3 | 671.2 | 736.0 | 791.3  |
| 127.5° | 267.0 | 288.2 | 314.1 | 343.7 | 383.6 | 436.6 | 501.7 | 572.5 | 641.1 | 702.3 | 753.3  |
| 130°   | 277.0 | 297.7 | 323.5 | 351.5 | 388.3 | 435.5 | 492.9 | 557.7 | 621.1 | 679.3 | 727.9  |
| 132.5° | 286.4 | 307.1 | 331.7 | 359.1 | 393.0 | 434.9 | 485.9 | 543.6 | 602.3 | 655.7 | 701.4  |
| 135°   | 299.2 | 319.8 | 343.4 | 369.1 | 398.6 | 433.9 | 476.0 | 523.9 | 572.5 | 621.1 | 662.3  |
| 137.5° | 310.4 | 329.5 | 352.8 | 376.8 | 403.6 | 433.9 | 469.0 | 508.1 | 548.7 | 587.4 | 623.3  |
| 140°   | 316.8 | 336.0 | 358.1 | 380.9 | 406.0 | 433.2 | 465.0 | 498.0 | 533.5 | 567.3 | 599.7  |
| 142.5° | 322.7 | 340.7 | 362.2 | 384.5 | 407.7 | 433.2 | 460.8 | 489.8 | 519.9 | 549.0 | 576.2  |
| 145°   | 332.2 | 348.5 | 368.4 | 389.0 | 409.6 | 431.8 | 455.3 | 478.2 | 502.5 | 525.4 | 546.7  |
| 147.5° | 340.3 | 354.7 | 373.4 | 391.5 | 410.3 | 429.1 | 449.8 | 469.2 | 488.3 | 506.1 | 521.8  |
| 150°   | 345.5 | 358.8 | 375.8 | 392.7 | 409.6 | 427.3 | 445.0 | 462.7 | 478.9 | 494.4 | 507.7  |
| 152.5° | 350.8 | 363.0 | 378.1 | 393.3 | 408.5 | 424.4 | 440.9 | 456.2 | 471.3 | 484.4 | 495.9  |
| 155°   | 358.1 | 369.1 | 381.6 | 394.2 | 406.7 | 419.2 | 433.2 | 447.2 | 459.0 | 470.0 | 478.2  |
| 157.5° | 364.3 | 373.5 | 384.2 | 394.2 | 403.3 | 414.0 | 426.0 | 436.8 | 446.7 | 455.9 | 462.2  |
| 160°   | 368.4 | 376.5 | 385.3 | 394.2 | 401.5 | 410.4 | 420.8 | 430.3 | 438.4 | 446.5 | 451.7  |
| 162.5° | 371.9 | 378.2 | 386.0 | 393.6 | 399.8 | 407.5 | 415.9 | 423.8 | 430.7 | 437.6 | 441.7  |
| 165°   | 375.8 | 380.2 | 386.8 | 392.0 | 396.4 | 401.5 | 408.2 | 414.1 | 419.2 | 424.4 | 427.3  |
| 167.5° | 379.0 | 381.8 | 386.6 | 391.0 | 393.0 | 396.4 | 400.5 | 404.8 | 408.8 | 412.3 | 415.0  |
| 170°   | 380.2 | 382.4 | 386.1 | 389.7 | 391.2 | 393.4 | 396.4 | 400.1 | 402.3 | 405.2 | 406.7  |
| 172.5° | 381.4 | 383.0 | 385.5 | 388.0 | 388.9 | 389.9 | 392.3 | 394.7 | 396.4 | 398.8 | 399.6  |
| 175°   | 382.4 | 383.1 | 384.6 | 386.1 | 385.3 | 386.1 | 386.8 | 389.0 | 389.7 | 390.5 | 391.2  |
| 177.5° | 383.1 | 383.1 | 383.7 | 384.9 | 383.7 | 383.1 | 383.7 | 384.9 | 384.9 | 385.5 | 385.5  |
| 180°   | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1  |



TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°  | 215°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0°     | 616.1  | 616.1  | 616.1  | 616.1  | 616.1  | 616.1  | 616.1  | 616.1  | 616.1  | 616.1 | 616.1 |
| 2.5°   | 591.7  | 592.0  | 591.5  | 591.8  | 591.5  | 592.0  | 591.7  | 593.6  | 593.9  | 594.3 | 593.9 |
| 5°     | 551.3  | 548.7  | 548.3  | 547.7  | 548.3  | 548.7  | 551.3  | 552.3  | 553.3  | 555.0 | 558.0 |
| 7.5°   | 503.1  | 502.8  | 501.6  | 500.1  | 501.6  | 502.8  | 503.1  | 506.8  | 509.7  | 513.0 | 519.2 |
| 10°    | 472.1  | 471.0  | 470.8  | 469.3  | 470.8  | 471.0  | 472.1  | 476.8  | 480.2  | 484.9 | 493.3 |
| 12.5°  | 435.7  | 428.9  | 428.2  | 424.4  | 428.2  | 428.9  | 435.7  | 441.9  | 451.1  | 455.6 | 464.5 |
| 15°    | 371.1  | 369.8  | 365.4  | 362.7  | 365.4  | 369.8  | 371.1  | 376.2  | 379.6  | 392.0 | 406.3 |
| 17.5°  | 334.0  | 329.8  | 328.5  | 327.9  | 328.5  | 329.8  | 334.0  | 336.5  | 341.4  | 348.0 | 356.6 |
| 20°    | 310.2  | 306.4  | 305.8  | 305.3  | 305.8  | 306.4  | 310.2  | 313.2  | 317.1  | 324.1 | 333.1 |
| 22.5°  | 293.8  | 289.7  | 288.1  | 286.8  | 288.1  | 289.7  | 293.8  | 296.1  | 299.6  | 305.1 | 311.2 |
| 25°    | 265.7  | 264.2  | 263.3  | 262.9  | 263.3  | 264.2  | 265.7  | 267.9  | 271.3  | 278.8 | 285.2 |
| 27.5°  | 243.7  | 240.4  | 239.8  | 238.7  | 239.8  | 240.4  | 243.7  | 247.5  | 251.1  | 254.5 | 260.2 |
| 30°    | 231.2  | 230.2  | 228.7  | 227.3  | 228.7  | 230.2  | 231.2  | 233.2  | 235.5  | 241.3 | 246.9 |
| 32.5°  | 216.5  | 215.6  | 214.2  | 213.7  | 214.2  | 215.6  | 216.5  | 219.1  | 224.0  | 227.6 | 231.6 |
| 35°    | 200.2  | 197.2  | 195.9  | 194.0  | 195.9  | 197.2  | 200.2  | 202.4  | 204.2  | 207.3 | 214.5 |
| 37.5°  | 182.9  | 181.3  | 179.6  | 180.2  | 179.6  | 181.3  | 182.9  | 183.8  | 187.8  | 192.1 | 195.2 |
| 40°    | 169.6  | 168.5  | 168.1  | 167.9  | 168.1  | 168.5  | 169.6  | 172.4  | 177.3  | 179.2 | 183.9 |
| 42.5°  | 158.9  | 156.0  | 154.9  | 154.9  | 154.9  | 156.0  | 158.9  | 162.1  | 165.1  | 168.2 | 173.1 |
| 45°    | 142.8  | 140.1  | 138.1  | 138.3  | 138.1  | 140.1  | 142.8  | 143.8  | 146.5  | 152.7 | 155.4 |
| 47.5°  | 126.3  | 126.2  | 125.0  | 125.4  | 125.0  | 126.2  | 126.3  | 128.1  | 131.4  | 135.3 | 139.7 |
| 50°    | 118.4  | 117.2  | 116.2  | 116.5  | 116.2  | 117.2  | 118.4  | 119.9  | 121.8  | 123.8 | 130.6 |
| 52.5°  | 110.8  | 109.7  | 109.1  | 110.0  | 109.1  | 109.7  | 110.8  | 111.7  | 113.1  | 115.0 | 119.6 |
| 55°    | 98.5   | 97.2   | 97.0   | 96.8   | 97.0   | 97.2   | 98.5   | 99.5   | 101.2  | 102.7 | 104.9 |
| 57.5°  | 84.6   | 83.8   | 82.5   | 82.0   | 82.5   | 83.8   | 84.6   | 86.2   | 88.3   | 90.3  | 92.5  |
| 60°    | 74.7   | 73.0   | 70.9   | 70.7   | 70.9   | 73.0   | 74.7   | 77.5   | 78.3   | 81.3  | 83.9  |
| 62.5°  | 65.6   | 65.3   | 64.8   | 64.8   | 64.8   | 65.3   | 65.6   | 66.5   | 67.8   | 72.1  | 75.2  |
| 65°    | 57.6   | 57.4   | 57.6   | 57.8   | 57.6   | 57.4   | 57.6   | 58.1   | 58.2   | 58.6  | 59.9  |
| 67.5°  | 50.1   | 49.8   | 49.4   | 49.6   | 49.4   | 49.8   | 50.1   | 50.2   | 50.9   | 51.1  | 52.0  |
| 70°    | 44.5   | 44.3   | 44.1   | 44.1   | 44.1   | 44.3   | 44.5   | 45.0   | 45.4   | 45.8  | 46.8  |
| 72.5°  | 39.0   | 39.0   | 38.8   | 38.6   | 38.8   | 39.0   | 39.0   | 39.9   | 40.1   | 40.5  | 41.2  |
| 75°    | 31.3   | 30.8   | 30.8   | 30.8   | 30.8   | 30.8   | 31.3   | 31.5   | 31.7   | 32.3  | 32.8  |
| 77.5°  | 23.8   | 23.6   | 23.4   | 23.2   | 23.4   | 23.6   | 23.8   | 23.8   | 24.2   | 24.3  | 24.8  |
| 80°    | 18.9   | 18.7   | 18.4   | 18.4   | 18.4   | 18.7   | 18.9   | 19.0   | 19.0   | 19.7  | 19.5  |
| 82.5°  | 14.4   | 14.1   | 14.1   | 13.9   | 14.1   | 14.1   | 14.4   | 14.4   | 14.4   | 14.9  | 14.9  |
| 85°    | 7.7    | 7.9    | 7.7    | 8.1    | 7.7    | 7.9    | 7.7    | 7.5    | 7.7    | 8.1   | 8.1   |
| 87.5°  | 7.1    | 6.9    | 7.1    | 6.9    | 7.1    | 6.9    | 7.1    | 7.1    | 7.1    | 6.8   | 7.1   |
| 90°    | 24.3   | 24.3   | 24.3   | 24.3   | 24.3   | 24.3   | 24.3   | 24.3   | 23.6   | 22.1  | 23.6  |
| 92.5°  | 43.7   | 41.4   | 42.0   | 40.8   | 42.0   | 41.4   | 43.7   | 44.4   | 48.9   | 55.1  | 64.3  |
| 95°    | 91.3   | 85.5   | 83.2   | 84.0   | 83.2   | 85.5   | 91.3   | 100.9  | 117.2  | 148.1 | 193.0 |
| 97.5°  | 200.4  | 182.3  | 171.5  | 165.3  | 171.5  | 182.3  | 200.4  | 235.6  | 288.8  | 368.5 | 450.4 |
| 100°   | 330.1  | 298.4  | 277.0  | 263.7  | 277.0  | 298.4  | 330.1  | 391.2  | 480.4  | 581.4 | 672.7 |
| 102.5° | 562.9  | 508.8  | 482.1  | 464.2  | 482.1  | 508.8  | 562.9  | 629.3  | 723.8  | 797.7 | 818.3 |
| 105°   | 918.0  | 872.3  | 840.7  | 830.4  | 840.7  | 872.3  | 918.0  | 963.7  | 988.1  | 978.5 | 895.2 |
| 107.5° | 1083.3 | 1080.7 | 1074.4 | 1060.6 | 1074.4 | 1080.7 | 1083.3 | 1077.5 | 1041.8 | 965.2 | 839.8 |
| 110°   | 1110.3 | 1124.4 | 1131.0 | 1130.2 | 1131.0 | 1124.4 | 1110.3 | 1078.6 | 1018.2 | 924.0 | 792.0 |



TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°  | 210°  | 215°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1089.1 | 1112.6 | 1125.1 | 1129.1 | 1125.1 | 1112.6 | 1089.1 | 1045.1 | 975.8 | 875.0 | 748.5 |
| 115°   | 1032.9 | 1066.9 | 1086.0 | 1092.7 | 1086.0 | 1066.9 | 1032.9 | 980.6  | 904.7 | 808.2 | 694.7 |
| 117.5° | 966.1  | 1001.9 | 1022.1 | 1027.7 | 1022.1 | 1001.9 | 966.1  | 912.8  | 841.6 | 754.0 | 654.4 |
| 120°   | 922.5  | 957.1  | 978.5  | 985.8  | 978.5  | 957.1  | 922.5  | 870.9  | 803.8 | 725.8 | 634.3 |
| 122.5° | 883.0  | 917.0  | 936.0  | 942.2  | 936.0  | 917.0  | 883.0  | 836.7  | 776.1 | 702.2 | 618.5 |
| 125°   | 834.1  | 862.0  | 880.4  | 886.4  | 880.4  | 862.0  | 834.1  | 791.3  | 736.0 | 671.2 | 595.3 |
| 127.5° | 790.6  | 816.8  | 832.7  | 837.4  | 832.7  | 816.8  | 790.6  | 753.3  | 702.3 | 641.1 | 572.5 |
| 130°   | 764.0  | 789.1  | 803.8  | 809.7  | 803.8  | 789.1  | 764.0  | 727.9  | 679.3 | 621.1 | 557.7 |
| 132.5° | 737.0  | 762.0  | 775.5  | 780.8  | 775.5  | 762.0  | 737.0  | 701.4  | 655.7 | 602.3 | 543.6 |
| 135°   | 694.1  | 718.4  | 731.6  | 734.6  | 731.6  | 718.4  | 694.1  | 662.3  | 621.1 | 572.5 | 523.9 |
| 137.5° | 652.2  | 673.2  | 684.8  | 689.2  | 684.8  | 673.2  | 652.2  | 623.3  | 587.4 | 548.7 | 508.1 |
| 140°   | 623.3  | 642.4  | 653.6  | 658.0  | 653.6  | 642.4  | 623.3  | 599.7  | 567.3 | 533.5 | 498.0 |
| 142.5° | 598.6  | 616.0  | 625.8  | 626.7  | 625.8  | 616.0  | 598.6  | 576.2  | 549.0 | 519.9 | 489.8 |
| 145°   | 564.4  | 576.9  | 584.3  | 586.4  | 584.3  | 576.9  | 564.4  | 546.7  | 525.4 | 502.5 | 478.2 |
| 147.5° | 536.4  | 546.4  | 551.4  | 552.7  | 551.4  | 546.4  | 536.4  | 521.8  | 506.1 | 488.3 | 469.2 |
| 150°   | 518.7  | 527.5  | 532.0  | 532.7  | 532.0  | 527.5  | 518.7  | 507.7  | 494.4 | 478.9 | 462.7 |
| 152.5° | 504.5  | 512.2  | 515.5  | 515.6  | 515.5  | 512.2  | 504.5  | 495.9  | 484.4 | 471.3 | 456.2 |
| 155°   | 486.3  | 491.4  | 494.4  | 492.9  | 494.4  | 491.4  | 486.3  | 478.2  | 470.0 | 459.0 | 447.2 |
| 157.5° | 468.0  | 472.3  | 473.6  | 473.6  | 473.6  | 472.3  | 468.0  | 462.2  | 455.9 | 446.7 | 436.8 |
| 160°   | 456.9  | 460.5  | 461.2  | 461.2  | 461.2  | 460.5  | 456.9  | 451.7  | 446.5 | 438.4 | 430.3 |
| 162.5° | 446.8  | 449.3  | 450.1  | 449.4  | 450.1  | 449.3  | 446.8  | 441.7  | 437.6 | 430.7 | 423.8 |
| 165°   | 430.3  | 433.2  | 433.2  | 432.5  | 433.2  | 433.2  | 430.3  | 427.3  | 424.4 | 419.2 | 414.1 |
| 167.5° | 416.3  | 417.9  | 417.7  | 416.9  | 417.7  | 417.9  | 416.3  | 415.0  | 412.3 | 408.8 | 404.8 |
| 170°   | 407.5  | 409.6  | 408.9  | 407.5  | 408.9  | 409.6  | 407.5  | 406.7  | 405.2 | 402.3 | 400.1 |
| 172.5° | 400.4  | 401.4  | 400.7  | 399.8  | 400.7  | 401.4  | 400.4  | 399.6  | 398.8 | 396.4 | 394.7 |
| 175°   | 391.2  | 392.0  | 391.2  | 389.7  | 391.2  | 392.0  | 391.2  | 391.2  | 390.5 | 389.7 | 389.0 |
| 177.5° | 385.5  | 385.5  | 384.9  | 383.7  | 384.9  | 385.5  | 385.5  | 385.5  | 385.5 | 384.9 | 384.9 |
| 180°   | 383.1  | 383.1  | 383.1  | 383.1  | 383.1  | 383.1  | 383.1  | 383.1  | 383.1 | 383.1 | 383.1 |



TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 |
| 2.5°   | 592.6 | 594.9 | 598.5 | 600.6 | 604.0 | 606.2 | 607.5 | 609.6 | 610.9 | 615.2 | 619.6 |
| 5°     | 559.4 | 562.9 | 568.8 | 574.4 | 580.4 | 586.6 | 591.2 | 596.3 | 601.0 | 609.1 | 617.6 |
| 7.5°   | 521.5 | 526.2 | 535.6 | 544.4 | 554.9 | 563.6 | 571.4 | 580.1 | 588.0 | 599.6 | 611.8 |
| 10°    | 493.0 | 501.4 | 513.6 | 522.0 | 535.6 | 544.4 | 556.7 | 566.3 | 577.2 | 592.7 | 606.3 |
| 12.5°  | 468.5 | 478.6 | 488.4 | 500.0 | 512.4 | 527.0 | 540.4 | 552.8 | 565.7 | 581.6 | 597.8 |
| 15°    | 424.1 | 438.7 | 453.9 | 465.7 | 482.4 | 497.8 | 513.4 | 530.1 | 545.9 | 565.1 | 586.0 |
| 17.5°  | 366.9 | 383.8 | 409.3 | 429.5 | 449.1 | 464.6 | 484.0 | 504.2 | 522.8 | 545.8 | 569.2 |
| 20°    | 341.1 | 353.5 | 370.8 | 398.0 | 427.5 | 444.0 | 463.7 | 486.0 | 507.4 | 532.4 | 557.5 |
| 22.5°  | 320.4 | 331.4 | 345.3 | 366.5 | 399.4 | 422.0 | 442.5 | 465.1 | 489.9 | 515.5 | 543.3 |
| 25°    | 290.8 | 298.4 | 313.0 | 330.2 | 352.8 | 389.8 | 412.4 | 435.1 | 462.0 | 489.5 | 521.1 |
| 27.5°  | 268.5 | 275.5 | 284.9 | 301.2 | 318.1 | 344.8 | 380.5 | 405.3 | 432.2 | 463.0 | 495.9 |
| 30°    | 251.6 | 259.7 | 270.2 | 281.7 | 300.2 | 320.9 | 356.7 | 385.4 | 411.9 | 443.7 | 478.7 |
| 32.5°  | 239.2 | 245.6 | 254.6 | 266.4 | 281.6 | 301.6 | 330.2 | 365.0 | 390.9 | 424.2 | 460.9 |
| 35°    | 219.0 | 226.5 | 233.8 | 245.0 | 257.3 | 275.5 | 297.2 | 334.4 | 360.1 | 393.0 | 429.9 |
| 37.5°  | 202.4 | 207.0 | 215.0 | 223.9 | 237.0 | 250.5 | 269.3 | 302.7 | 330.5 | 362.8 | 400.5 |
| 40°    | 189.7 | 195.5 | 201.4 | 211.3 | 222.1 | 235.1 | 253.4 | 278.3 | 310.2 | 342.0 | 378.7 |
| 42.5°  | 177.4 | 184.6 | 191.1 | 197.7 | 209.3 | 222.4 | 237.4 | 258.4 | 291.1 | 321.0 | 356.8 |
| 45°    | 162.5 | 167.2 | 173.8 | 181.2 | 190.8 | 201.9 | 215.2 | 233.6 | 264.9 | 290.8 | 324.3 |
| 47.5°  | 145.2 | 152.1 | 156.5 | 163.5 | 172.7 | 183.3 | 195.7 | 211.6 | 236.9 | 261.2 | 292.4 |
| 50°    | 133.4 | 140.4 | 146.7 | 153.1 | 161.2 | 171.4 | 181.8 | 197.2 | 217.5 | 243.0 | 272.1 |
| 52.5°  | 123.3 | 129.5 | 135.5 | 141.9 | 150.0 | 159.3 | 169.1 | 182.7 | 200.0 | 223.5 | 251.8 |
| 55°    | 109.4 | 113.3 | 119.5 | 125.9 | 133.0 | 141.9 | 151.4 | 162.7 | 177.7 | 197.4 | 220.3 |
| 57.5°  | 95.2  | 99.6  | 104.5 | 111.0 | 118.2 | 125.1 | 133.6 | 143.8 | 155.6 | 173.4 | 193.0 |
| 60°    | 87.2  | 90.6  | 94.6  | 101.2 | 107.9 | 114.1 | 122.2 | 130.8 | 141.9 | 157.4 | 174.1 |
| 62.5°  | 78.2  | 81.5  | 85.2  | 91.0  | 97.5  | 103.1 | 110.3 | 119.3 | 128.8 | 142.8 | 157.4 |
| 65°    | 63.3  | 68.1  | 71.7  | 76.8  | 82.2  | 88.2  | 93.8  | 101.0 | 109.4 | 120.6 | 133.6 |
| 67.5°  | 52.5  | 55.0  | 58.3  | 63.0  | 68.4  | 73.6  | 78.9  | 84.5  | 91.8  | 100.4 | 110.7 |
| 70°    | 47.8  | 48.6  | 49.2  | 53.7  | 58.9  | 64.0  | 68.9  | 74.3  | 80.5  | 87.6  | 96.5  |
| 72.5°  | 42.1  | 43.0  | 43.7  | 45.7  | 49.8  | 55.0  | 60.0  | 64.0  | 69.8  | 75.8  | 83.0  |
| 75°    | 33.4  | 34.7  | 35.3  | 36.4  | 37.9  | 41.3  | 46.0  | 49.9  | 53.3  | 57.8  | 63.6  |
| 77.5°  | 25.4  | 26.2  | 26.9  | 28.0  | 28.9  | 30.4  | 33.2  | 36.6  | 39.9  | 42.4  | 46.4  |
| 80°    | 20.2  | 20.4  | 21.2  | 21.6  | 22.9  | 23.9  | 25.3  | 28.1  | 31.3  | 32.3  | 35.2  |
| 82.5°  | 15.2  | 15.4  | 16.0  | 16.5  | 17.1  | 18.0  | 19.6  | 20.4  | 22.9  | 24.3  | 26.0  |
| 85°    | 8.4   | 8.1   | 8.8   | 8.8   | 9.2   | 9.6   | 10.1  | 11.1  | 11.8  | 13.5  | 13.9  |
| 87.5°  | 7.4   | 7.5   | 7.6   | 6.7   | 5.7   | 5.3   | 5.0   | 4.9   | 4.9   | 4.9   | 5.1   |
| 90°    | 24.3  | 25.1  | 24.3  | 19.9  | 14.7  | 11.0  | 8.9   | 7.4   | 5.9   | 2.9   | 0.8   |
| 92.5°  | 80.9  | 95.8  | 94.4  | 73.5  | 50.1  | 33.5  | 26.5  | 21.5  | 18.3  | 13.0  | 9.0   |
| 95°    | 252.7 | 288.8 | 255.7 | 170.2 | 106.1 | 72.2  | 54.5  | 42.7  | 36.1  | 28.7  | 25.8  |
| 97.5°  | 517.3 | 493.0 | 371.4 | 229.3 | 140.0 | 97.4  | 77.4  | 63.8  | 53.8  | 46.0  | 42.0  |
| 100°   | 688.2 | 582.0 | 400.8 | 241.7 | 151.7 | 112.7 | 92.1  | 77.4  | 65.6  | 58.9  | 56.7  |
| 102.5° | 751.8 | 585.0 | 389.6 | 242.2 | 162.4 | 126.3 | 105.7 | 90.3  | 78.5  | 71.9  | 70.3  |
| 105°   | 742.0 | 545.9 | 367.7 | 246.1 | 180.5 | 145.9 | 125.3 | 109.1 | 98.0  | 92.8  | 89.9  |
| 107.5° | 677.2 | 504.1 | 356.8 | 256.3 | 199.1 | 165.5 | 144.7 | 128.7 | 118.5 | 113.5 | 111.1 |
| 110°   | 636.6 | 484.1 | 354.4 | 264.5 | 211.4 | 179.1 | 157.7 | 142.2 | 132.6 | 128.2 | 125.3 |



TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 608.3 | 471.1 | 355.0 | 273.3 | 223.3 | 192.0 | 170.0 | 155.1 | 146.2 | 141.2 | 138.2 |
| 115°   | 573.3 | 456.9 | 358.1 | 286.6 | 241.7 | 210.0 | 190.1 | 175.3 | 166.5 | 162.1 | 158.4 |
| 117.5° | 551.1 | 449.9 | 363.4 | 300.8 | 258.6 | 229.3 | 208.7 | 194.5 | 186.7 | 182.3 | 179.4 |
| 120°   | 539.3 | 445.7 | 366.9 | 310.2 | 270.4 | 241.7 | 221.0 | 206.3 | 199.6 | 195.3 | 192.3 |
| 122.5° | 529.3 | 443.4 | 371.1 | 318.5 | 281.6 | 254.7 | 233.4 | 218.7 | 211.4 | 207.1 | 204.7 |
| 125°   | 515.0 | 439.1 | 377.2 | 331.6 | 298.4 | 271.8 | 251.3 | 236.5 | 227.6 | 223.3 | 221.0 |
| 127.5° | 501.7 | 436.6 | 383.6 | 343.7 | 314.1 | 288.2 | 267.0 | 252.9 | 243.2 | 237.0 | 234.0 |
| 130°   | 492.9 | 435.5 | 388.3 | 351.5 | 323.5 | 297.7 | 277.0 | 262.3 | 251.9 | 244.6 | 241.7 |
| 132.5° | 485.9 | 434.9 | 393.0 | 359.1 | 331.7 | 307.1 | 286.4 | 271.2 | 260.2 | 252.3 | 248.7 |
| 135°   | 476.0 | 433.9 | 398.6 | 369.1 | 343.4 | 319.8 | 299.2 | 282.2 | 271.2 | 262.3 | 259.4 |
| 137.5° | 469.0 | 433.9 | 403.6 | 376.8 | 352.8 | 329.5 | 310.4 | 293.5 | 281.7 | 272.9 | 269.4 |
| 140°   | 465.0 | 433.2 | 406.0 | 380.9 | 358.1 | 336.0 | 316.8 | 300.6 | 288.8 | 279.9 | 277.0 |
| 142.5° | 460.8 | 433.2 | 407.7 | 384.5 | 362.2 | 340.7 | 322.7 | 307.1 | 295.3 | 287.1 | 284.6 |
| 145°   | 455.3 | 431.8 | 409.6 | 389.0 | 368.4 | 348.5 | 332.2 | 317.5 | 306.5 | 299.2 | 296.1 |
| 147.5° | 449.8 | 429.1 | 410.3 | 391.5 | 373.4 | 354.7 | 340.3 | 328.0 | 317.8 | 310.8 | 308.6 |
| 150°   | 445.0 | 427.3 | 409.6 | 392.7 | 375.8 | 358.8 | 345.5 | 334.5 | 324.9 | 319.1 | 316.8 |
| 152.5° | 440.9 | 424.4 | 408.5 | 393.3 | 378.1 | 363.0 | 350.8 | 340.4 | 332.0 | 326.1 | 325.1 |
| 155°   | 433.2 | 419.2 | 406.7 | 394.2 | 381.6 | 369.1 | 358.1 | 350.0 | 341.9 | 337.4 | 336.7 |
| 157.5° | 426.0 | 414.0 | 403.3 | 394.2 | 384.2 | 373.5 | 364.3 | 357.8 | 350.7 | 347.1 | 346.5 |
| 160°   | 420.8 | 410.4 | 401.5 | 394.2 | 385.3 | 376.5 | 368.4 | 362.5 | 356.6 | 353.6 | 352.9 |
| 162.5° | 415.9 | 407.5 | 399.8 | 393.6 | 386.0 | 378.2 | 371.9 | 366.6 | 361.9 | 358.9 | 359.4 |
| 165°   | 408.2 | 401.5 | 396.4 | 392.0 | 386.8 | 380.2 | 375.8 | 372.1 | 367.7 | 366.2 | 366.9 |
| 167.5° | 400.5 | 396.4 | 393.0 | 391.0 | 386.6 | 381.8 | 379.0 | 376.4 | 373.5 | 372.2 | 373.2 |
| 170°   | 396.4 | 393.4 | 391.2 | 389.7 | 386.1 | 382.4 | 380.2 | 378.7 | 376.5 | 375.8 | 377.2 |
| 172.5° | 392.3 | 389.9 | 388.9 | 388.0 | 385.5 | 383.0 | 381.4 | 380.5 | 378.2 | 378.7 | 379.6 |
| 175°   | 386.8 | 386.1 | 385.3 | 386.1 | 384.6 | 383.1 | 382.4 | 382.4 | 380.9 | 381.6 | 382.4 |
| 177.5° | 383.7 | 383.1 | 383.7 | 384.9 | 383.7 | 383.1 | 383.1 | 383.1 | 381.9 | 382.6 | 383.7 |
| 180°   | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 |



TEST NUMBER: P331629-830  
 CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 | 616.1 |
| 2.5°   | 619.8 | 620.3 | 623.7 | 625.3 | 628.3 | 629.5 | 630.9 | 630.6 | 630.6 | 631.2 | 636.0 |
| 5°     | 621.1 | 625.4 | 631.8 | 638.0 | 644.0 | 649.1 | 652.6 | 656.0 | 657.3 | 663.5 | 669.0 |
| 7.5°   | 618.9 | 626.8 | 637.3 | 646.9 | 658.2 | 667.0 | 674.4 | 681.1 | 685.6 | 694.7 | 703.9 |
| 10°    | 616.0 | 627.1 | 639.0 | 651.3 | 666.9 | 678.7 | 690.7 | 699.9 | 702.9 | 716.3 | 724.1 |
| 12.5°  | 610.1 | 625.0 | 640.3 | 656.1 | 671.4 | 687.6 | 700.8 | 710.0 | 720.6 | 732.6 | 746.9 |
| 15°    | 601.4 | 618.5 | 638.5 | 658.7 | 680.6 | 700.3 | 714.4 | 730.5 | 742.1 | 755.4 | 767.8 |
| 17.5°  | 588.9 | 611.0 | 636.2 | 659.8 | 685.0 | 706.2 | 725.7 | 741.0 | 749.1 | 756.8 | 758.6 |
| 20°    | 578.9 | 602.7 | 632.4 | 660.3 | 685.5 | 709.9 | 729.2 | 742.1 | 744.2 | 744.4 | 733.1 |
| 22.5°  | 568.2 | 595.0 | 626.1 | 654.6 | 684.9 | 712.0 | 727.0 | 732.4 | 724.0 | 709.5 | 687.5 |
| 25°    | 548.3 | 579.4 | 615.6 | 648.1 | 681.1 | 706.7 | 711.9 | 702.3 | 672.5 | 641.2 | 601.6 |
| 27.5°  | 526.8 | 561.8 | 600.5 | 636.7 | 671.8 | 687.8 | 676.7 | 641.9 | 588.3 | 541.7 | 485.2 |
| 30°    | 511.0 | 550.3 | 588.3 | 628.8 | 661.4 | 668.2 | 642.7 | 591.5 | 529.0 | 458.8 | 402.5 |
| 32.5°  | 493.0 | 534.1 | 576.0 | 617.8 | 645.1 | 638.4 | 596.3 | 533.3 | 460.1 | 391.0 | 337.8 |
| 35°    | 467.4 | 509.7 | 555.0 | 596.9 | 614.3 | 585.3 | 522.4 | 440.4 | 365.4 | 301.0 | 264.4 |
| 37.5°  | 437.7 | 483.9 | 530.8 | 569.4 | 568.2 | 520.0 | 434.2 | 349.6 | 286.6 | 248.5 | 222.4 |
| 40°    | 416.6 | 463.4 | 514.1 | 546.6 | 532.7 | 470.0 | 377.0 | 297.2 | 251.1 | 220.7 | 201.7 |
| 42.5°  | 396.4 | 443.3 | 493.7 | 519.5 | 495.3 | 418.2 | 325.6 | 263.1 | 225.1 | 201.4 | 186.0 |
| 45°    | 362.0 | 411.5 | 458.2 | 472.5 | 429.2 | 344.3 | 263.3 | 217.9 | 192.7 | 175.1 | 164.5 |
| 47.5°  | 328.4 | 377.1 | 419.7 | 419.9 | 361.5 | 279.2 | 222.2 | 188.6 | 167.0 | 153.4 | 145.7 |
| 50°    | 307.8 | 354.1 | 389.8 | 384.3 | 317.9 | 248.4 | 198.7 | 169.8 | 151.8 | 141.3 | 133.2 |
| 52.5°  | 284.7 | 329.6 | 360.6 | 344.8 | 281.1 | 218.6 | 177.6 | 153.4 | 138.5 | 129.3 | 122.1 |
| 55°    | 251.1 | 291.0 | 312.8 | 288.8 | 229.3 | 181.8 | 150.1 | 131.0 | 119.9 | 112.2 | 105.9 |
| 57.5°  | 218.1 | 251.0 | 264.7 | 236.8 | 188.9 | 150.7 | 127.0 | 112.6 | 101.6 | 96.0  | 92.8  |
| 60°    | 197.4 | 225.5 | 235.1 | 204.2 | 164.2 | 131.9 | 112.4 | 99.2  | 91.0  | 87.4  | 84.2  |
| 62.5°  | 177.0 | 199.9 | 203.9 | 175.7 | 143.2 | 115.5 | 98.7  | 87.5  | 82.1  | 78.6  | 75.6  |
| 65°    | 146.8 | 163.3 | 161.5 | 138.7 | 113.3 | 91.6  | 79.5  | 72.6  | 68.5  | 63.6  | 58.2  |
| 67.5°  | 120.9 | 131.0 | 124.9 | 107.9 | 86.4  | 71.3  | 63.2  | 58.1  | 53.0  | 48.4  | 47.1  |
| 70°    | 104.4 | 110.3 | 103.9 | 88.2  | 70.9  | 59.8  | 53.3  | 47.1  | 44.1  | 43.1  | 41.1  |
| 72.5°  | 88.7  | 90.8  | 83.8  | 70.4  | 57.7  | 49.5  | 43.2  | 39.8  | 38.1  | 37.2  | 36.0  |
| 75°    | 66.5  | 65.1  | 59.1  | 48.6  | 40.1  | 34.5  | 32.5  | 31.3  | 30.2  | 29.3  | 28.7  |
| 77.5°  | 46.8  | 44.6  | 39.2  | 32.3  | 27.9  | 25.3  | 24.0  | 23.4  | 22.9  | 22.4  | 21.8  |
| 80°    | 35.2  | 33.6  | 28.3  | 23.1  | 21.2  | 19.9  | 19.2  | 18.4  | 18.4  | 18.0  | 17.3  |
| 82.5°  | 25.7  | 24.0  | 19.3  | 17.0  | 15.9  | 15.1  | 14.6  | 14.1  | 13.9  | 14.0  | 13.6  |
| 85°    | 13.5  | 10.9  | 9.6   | 9.2   | 8.6   | 8.1   | 8.4   | 7.9   | 7.9   | 7.9   | 7.7   |
| 87.5°  | 4.7   | 4.4   | 4.5   | 4.7   | 5.3   | 6.0   | 6.9   | 7.7   | 8.1   | 7.7   | 7.8   |
| 90°    | 2.9   | 5.9   | 7.4   | 8.9   | 11.0  | 14.7  | 19.9  | 24.3  | 25.1  | 24.3  | 23.6  |
| 92.5°  | 13.0  | 18.3  | 21.5  | 26.5  | 33.5  | 50.1  | 73.5  | 94.4  | 95.8  | 80.9  | 64.3  |
| 95°    | 28.7  | 36.1  | 42.7  | 54.5  | 72.2  | 106.1 | 170.2 | 255.7 | 288.8 | 252.7 | 193.0 |
| 97.5°  | 46.0  | 53.8  | 63.8  | 77.4  | 97.4  | 140.0 | 229.3 | 371.4 | 493.0 | 517.3 | 450.4 |
| 100°   | 58.9  | 65.6  | 77.4  | 92.1  | 112.7 | 151.7 | 241.7 | 400.8 | 582.0 | 688.2 | 672.7 |
| 102.5° | 71.9  | 78.5  | 90.3  | 105.7 | 126.3 | 162.4 | 242.2 | 389.6 | 585.0 | 751.8 | 818.3 |
| 105°   | 92.8  | 98.0  | 109.1 | 125.3 | 145.9 | 180.5 | 246.1 | 367.7 | 545.9 | 742.0 | 895.2 |
| 107.5° | 113.5 | 118.5 | 128.7 | 144.7 | 165.5 | 199.1 | 256.3 | 356.8 | 504.1 | 677.2 | 839.8 |
| 110°   | 128.2 | 132.6 | 142.2 | 157.7 | 179.1 | 211.4 | 264.5 | 354.4 | 484.1 | 636.6 | 792.0 |





TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 141.2 | 146.2 | 155.1 | 170.0 | 192.0 | 223.3 | 273.3 | 355.0 | 471.1 | 608.3 | 748.5 |
| 115°   | 162.1 | 166.5 | 175.3 | 190.1 | 210.0 | 241.7 | 286.6 | 358.1 | 456.9 | 573.3 | 694.7 |
| 117.5° | 182.3 | 186.7 | 194.5 | 208.7 | 229.3 | 258.6 | 300.8 | 363.4 | 449.9 | 551.1 | 654.4 |
| 120°   | 195.3 | 199.6 | 206.3 | 221.0 | 241.7 | 270.4 | 310.2 | 366.9 | 445.7 | 539.3 | 634.3 |
| 122.5° | 207.1 | 211.4 | 218.7 | 233.4 | 254.7 | 281.6 | 318.5 | 371.1 | 443.4 | 529.3 | 618.5 |
| 125°   | 223.3 | 227.6 | 236.5 | 251.3 | 271.8 | 298.4 | 331.6 | 377.2 | 439.1 | 515.0 | 595.3 |
| 127.5° | 237.0 | 243.2 | 252.9 | 267.0 | 288.2 | 314.1 | 343.7 | 383.6 | 436.6 | 501.7 | 572.5 |
| 130°   | 244.6 | 251.9 | 262.3 | 277.0 | 297.7 | 323.5 | 351.5 | 388.3 | 435.5 | 492.9 | 557.7 |
| 132.5° | 252.3 | 260.2 | 271.2 | 286.4 | 307.1 | 331.7 | 359.1 | 393.0 | 434.9 | 485.9 | 543.6 |
| 135°   | 262.3 | 271.2 | 282.2 | 299.2 | 319.8 | 343.4 | 369.1 | 398.6 | 433.9 | 476.0 | 523.9 |
| 137.5° | 272.9 | 281.7 | 293.5 | 310.4 | 329.5 | 352.8 | 376.8 | 403.6 | 433.9 | 469.0 | 508.1 |
| 140°   | 279.9 | 288.8 | 300.6 | 316.8 | 336.0 | 358.1 | 380.9 | 406.0 | 433.2 | 465.0 | 498.0 |
| 142.5° | 287.1 | 295.3 | 307.1 | 322.7 | 340.7 | 362.2 | 384.5 | 407.7 | 433.2 | 460.8 | 489.8 |
| 145°   | 299.2 | 306.5 | 317.5 | 332.2 | 348.5 | 368.4 | 389.0 | 409.6 | 431.8 | 455.3 | 478.2 |
| 147.5° | 310.8 | 317.8 | 328.0 | 340.3 | 354.7 | 373.4 | 391.5 | 410.3 | 429.1 | 449.8 | 469.2 |
| 150°   | 319.1 | 324.9 | 334.5 | 345.5 | 358.8 | 375.8 | 392.7 | 409.6 | 427.3 | 445.0 | 462.7 |
| 152.5° | 326.1 | 332.0 | 340.4 | 350.8 | 363.0 | 378.1 | 393.3 | 408.5 | 424.4 | 440.9 | 456.2 |
| 155°   | 337.4 | 341.9 | 350.0 | 358.1 | 369.1 | 381.6 | 394.2 | 406.7 | 419.2 | 433.2 | 447.2 |
| 157.5° | 347.1 | 350.7 | 357.8 | 364.3 | 373.5 | 384.2 | 394.2 | 403.3 | 414.0 | 426.0 | 436.8 |
| 160°   | 353.6 | 356.6 | 362.5 | 368.4 | 376.5 | 385.3 | 394.2 | 401.5 | 410.4 | 420.8 | 430.3 |
| 162.5° | 358.9 | 361.9 | 366.6 | 371.9 | 378.2 | 386.0 | 393.6 | 399.8 | 407.5 | 415.9 | 423.8 |
| 165°   | 366.2 | 367.7 | 372.1 | 375.8 | 380.2 | 386.8 | 392.0 | 396.4 | 401.5 | 408.2 | 414.1 |
| 167.5° | 372.2 | 373.5 | 376.4 | 379.0 | 381.8 | 386.6 | 391.0 | 393.0 | 396.4 | 400.5 | 404.8 |
| 170°   | 375.8 | 376.5 | 378.7 | 380.2 | 382.4 | 386.1 | 389.7 | 391.2 | 393.4 | 396.4 | 400.1 |
| 172.5° | 378.7 | 378.2 | 380.5 | 381.4 | 383.0 | 385.5 | 388.0 | 388.9 | 389.9 | 392.3 | 394.7 |
| 175°   | 381.6 | 380.9 | 382.4 | 382.4 | 383.1 | 384.6 | 386.1 | 385.3 | 386.1 | 386.8 | 389.0 |
| 177.5° | 382.6 | 381.9 | 383.1 | 383.1 | 383.1 | 383.7 | 384.9 | 383.7 | 383.1 | 383.7 | 384.9 |
| 180°   | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 | 383.1 |



TEST NUMBER: P331629-830  
 CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|-------|--------|--------|--------|--------|--------|--------|
| 0°     | 616.1 | 616.1  | 616.1  | 616.1  | 616.1  | 616.1  | 616.1  |
| 2.5°   | 637.7 | 640.0  | 641.0  | 641.0  | 642.2  | 641.7  | 641.2  |
| 5°     | 674.4 | 678.4  | 679.4  | 683.2  | 686.0  | 685.1  | 685.5  |
| 7.5°   | 710.9 | 717.4  | 723.9  | 726.8  | 727.3  | 729.0  | 729.6  |
| 10°    | 733.3 | 738.7  | 748.7  | 747.2  | 754.7  | 759.0  | 752.0  |
| 12.5°  | 754.9 | 762.1  | 769.1  | 771.0  | 775.2  | 776.7  | 773.8  |
| 15°    | 774.4 | 778.3  | 778.6  | 777.6  | 778.9  | 777.8  | 773.7  |
| 17.5°  | 756.2 | 749.9  | 737.3  | 731.2  | 726.5  | 719.4  | 716.6  |
| 20°    | 726.0 | 707.6  | 686.2  | 677.6  | 667.6  | 647.9  | 652.6  |
| 22.5°  | 660.9 | 640.0  | 618.5  | 593.5  | 581.5  | 562.9  | 561.8  |
| 25°    | 559.7 | 523.5  | 483.6  | 455.8  | 439.5  | 420.9  | 412.7  |
| 27.5°  | 435.2 | 389.6  | 356.9  | 340.4  | 325.4  | 310.7  | 310.0  |
| 30°    | 353.3 | 319.1  | 293.8  | 279.7  | 270.4  | 264.2  | 265.5  |
| 32.5°  | 297.7 | 274.3  | 257.2  | 245.5  | 238.7  | 234.0  | 233.9  |
| 35°    | 243.5 | 227.3  | 216.4  | 211.5  | 206.6  | 203.2  | 203.4  |
| 37.5°  | 208.3 | 198.7  | 192.6  | 187.2  | 184.1  | 182.4  | 181.4  |
| 40°    | 190.3 | 182.4  | 177.7  | 174.5  | 171.9  | 169.6  | 169.1  |
| 42.5°  | 176.2 | 169.6  | 164.9  | 162.3  | 159.9  | 158.3  | 157.9  |
| 45°    | 156.3 | 150.9  | 146.7  | 143.8  | 142.8  | 141.3  | 141.3  |
| 47.5°  | 139.0 | 133.7  | 130.4  | 128.7  | 126.9  | 125.8  | 125.8  |
| 50°    | 127.4 | 123.3  | 120.4  | 119.2  | 117.7  | 117.2  | 116.9  |
| 52.5°  | 117.0 | 113.9  | 111.8  | 111.0  | 110.4  | 109.6  | 109.7  |
| 55°    | 102.7 | 101.0  | 100.2  | 99.5   | 98.5   | 97.2   | 98.0   |
| 57.5°  | 90.9  | 89.4   | 87.1   | 85.0   | 84.1   | 83.1   | 83.5   |
| 60°    | 82.5  | 79.5   | 76.4   | 74.1   | 73.4   | 71.5   | 71.5   |
| 62.5°  | 71.8  | 67.6   | 63.9   | 62.6   | 61.9   | 61.1   | 60.9   |
| 65°    | 55.2  | 53.5   | 52.7   | 51.8   | 51.4   | 51.4   | 51.0   |
| 67.5°  | 45.8  | 45.1   | 44.1   | 43.9   | 43.5   | 43.4   | 43.3   |
| 70°    | 40.4  | 39.6   | 39.2   | 38.9   | 38.5   | 38.7   | 38.1   |
| 72.5°  | 35.3  | 34.7   | 34.6   | 34.0   | 33.7   | 33.7   | 33.3   |
| 75°    | 27.8  | 27.8   | 27.6   | 27.4   | 27.0   | 26.8   | 27.0   |
| 77.5°  | 21.4  | 21.5   | 21.1   | 21.0   | 21.0   | 21.0   | 20.8   |
| 80°    | 17.2  | 17.3   | 17.2   | 16.9   | 16.7   | 16.9   | 16.7   |
| 82.5°  | 13.6  | 13.2   | 13.2   | 13.1   | 13.1   | 13.0   | 12.9   |
| 85°    | 7.7   | 7.9    | 7.7    | 7.5    | 7.5    | 7.5    | 7.7    |
| 87.5°  | 7.4   | 7.6    | 7.7    | 7.7    | 7.7    | 7.7    | 7.6    |
| 90°    | 22.1  | 23.6   | 24.3   | 24.3   | 24.3   | 24.3   | 24.3   |
| 92.5°  | 55.1  | 48.9   | 44.4   | 43.7   | 41.4   | 42.0   | 40.8   |
| 95°    | 148.1 | 117.2  | 100.9  | 91.3   | 85.5   | 83.2   | 84.0   |
| 97.5°  | 368.5 | 288.8  | 235.6  | 200.4  | 182.3  | 171.5  | 165.3  |
| 100°   | 581.4 | 480.4  | 391.2  | 330.1  | 298.4  | 277.0  | 263.7  |
| 102.5° | 797.7 | 723.8  | 629.3  | 562.9  | 508.8  | 482.1  | 464.2  |
| 105°   | 978.5 | 988.1  | 963.7  | 918.0  | 872.3  | 840.7  | 830.4  |
| 107.5° | 965.2 | 1041.8 | 1077.5 | 1083.3 | 1080.7 | 1074.4 | 1060.6 |
| 110°   | 924.0 | 1018.2 | 1078.6 | 1110.3 | 1124.4 | 1131.0 | 1130.2 |



TEST NUMBER: P331629-830

CATALOG NUMBER: SA2XXRDIP-C290D725U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 875.0 | 975.8 | 1045.1 | 1089.1 | 1112.6 | 1125.1 | 1129.1 |
| 115°   | 808.2 | 904.7 | 980.6  | 1032.9 | 1066.9 | 1086.0 | 1092.7 |
| 117.5° | 754.0 | 841.6 | 912.8  | 966.1  | 1001.9 | 1022.1 | 1027.7 |
| 120°   | 725.8 | 803.8 | 870.9  | 922.5  | 957.1  | 978.5  | 985.8  |
| 122.5° | 702.2 | 776.1 | 836.7  | 883.0  | 917.0  | 936.0  | 942.2  |
| 125°   | 671.2 | 736.0 | 791.3  | 834.1  | 862.0  | 880.4  | 886.4  |
| 127.5° | 641.1 | 702.3 | 753.3  | 790.6  | 816.8  | 832.7  | 837.4  |
| 130°   | 621.1 | 679.3 | 727.9  | 764.0  | 789.1  | 803.8  | 809.7  |
| 132.5° | 602.3 | 655.7 | 701.4  | 737.0  | 762.0  | 775.5  | 780.8  |
| 135°   | 572.5 | 621.1 | 662.3  | 694.1  | 718.4  | 731.6  | 734.6  |
| 137.5° | 548.7 | 587.4 | 623.3  | 652.2  | 673.2  | 684.8  | 689.2  |
| 140°   | 533.5 | 567.3 | 599.7  | 623.3  | 642.4  | 653.6  | 658.0  |
| 142.5° | 519.9 | 549.0 | 576.2  | 598.6  | 616.0  | 625.8  | 626.7  |
| 145°   | 502.5 | 525.4 | 546.7  | 564.4  | 576.9  | 584.3  | 586.4  |
| 147.5° | 488.3 | 506.1 | 521.8  | 536.4  | 546.4  | 551.4  | 552.7  |
| 150°   | 478.9 | 494.4 | 507.7  | 518.7  | 527.5  | 532.0  | 532.7  |
| 152.5° | 471.3 | 484.4 | 495.9  | 504.5  | 512.2  | 515.5  | 515.6  |
| 155°   | 459.0 | 470.0 | 478.2  | 486.3  | 491.4  | 494.4  | 492.9  |
| 157.5° | 446.7 | 455.9 | 462.2  | 468.0  | 472.3  | 473.6  | 473.6  |
| 160°   | 438.4 | 446.5 | 451.7  | 456.9  | 460.5  | 461.2  | 461.2  |
| 162.5° | 430.7 | 437.6 | 441.7  | 446.8  | 449.3  | 450.1  | 449.4  |
| 165°   | 419.2 | 424.4 | 427.3  | 430.3  | 433.2  | 433.2  | 432.5  |
| 167.5° | 408.8 | 412.3 | 415.0  | 416.3  | 417.9  | 417.7  | 416.9  |
| 170°   | 402.3 | 405.2 | 406.7  | 407.5  | 409.6  | 408.9  | 407.5  |
| 172.5° | 396.4 | 398.8 | 399.6  | 400.4  | 401.4  | 400.7  | 399.8  |
| 175°   | 389.7 | 390.5 | 391.2  | 391.2  | 392.0  | 391.2  | 389.7  |
| 177.5° | 384.9 | 385.5 | 385.5  | 385.5  | 385.5  | 384.9  | 383.7  |
| 180°   | 383.1 | 383.1 | 383.1  | 383.1  | 383.1  | 383.1  | 383.1  |

(END OF REPORT)