

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: P332865-840

Luminaire Tested: **SA4XXRDIP-C350D365U840-4F0-1E-UDD-A**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332865-840
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 350 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 365 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

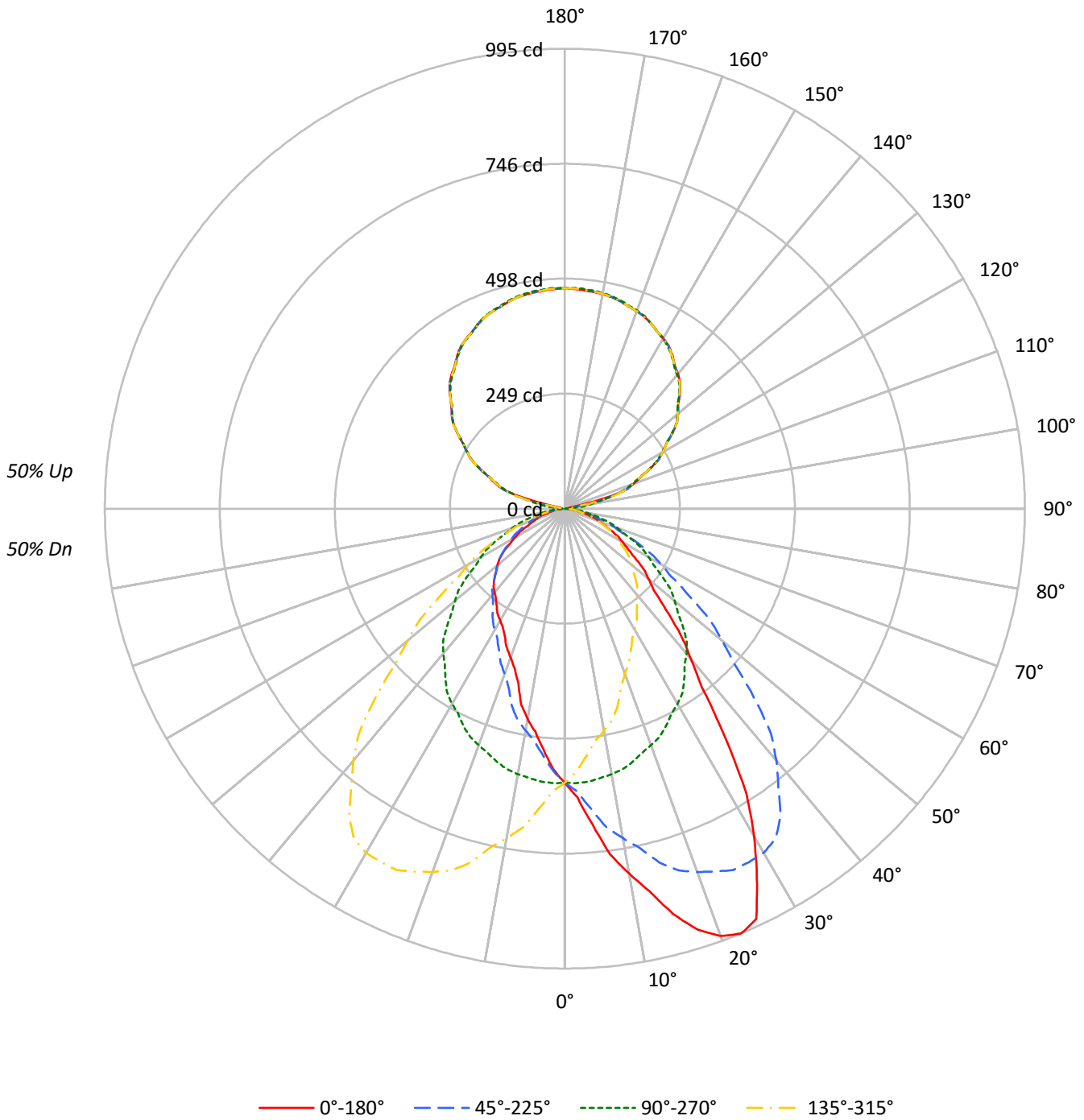
Lumens per Lamp: N/A
Luminaire Lumens: 2976.9 lumens
Efficiency: N/A
Efficacy: 146.6 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 20.3
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: P332865-840
CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-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 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 69 | 69 | 69 | 57 | 57 | 57 | 50 | | | | |
| 1 | 98 | 94 | 90 | 87 | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 60 | 59 | 51 | 50 | 49 | 43 | | | | |
| 2 | 90 | 83 | 77 | 72 | 83 | 77 | 72 | 67 | 65 | 62 | 58 | 55 | 52 | 50 | 45 | 43 | 42 | 37 | | | | |
| 3 | 82 | 73 | 66 | 60 | 76 | 68 | 62 | 57 | 58 | 53 | 50 | 49 | 45 | 43 | 40 | 38 | 36 | 32 | | | | |
| 4 | 75 | 65 | 57 | 51 | 70 | 60 | 54 | 48 | 52 | 47 | 43 | 44 | 40 | 37 | 36 | 34 | 31 | 28 | | | | |
| 5 | 69 | 58 | 50 | 44 | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 39 | 35 | 32 | 33 | 30 | 28 | 24 | | | | |
| 6 | 64 | 52 | 44 | 39 | 59 | 49 | 42 | 37 | 42 | 37 | 32 | 36 | 32 | 28 | 30 | 27 | 24 | 22 | | | | |
| 7 | 59 | 47 | 39 | 34 | 55 | 44 | 37 | 32 | 38 | 33 | 29 | 33 | 28 | 25 | 27 | 24 | 22 | 19 | | | | |
| 8 | 55 | 43 | 35 | 30 | 51 | 40 | 33 | 29 | 35 | 29 | 26 | 30 | 26 | 23 | 25 | 22 | 20 | 17 | | | | |
| 9 | 51 | 39 | 32 | 27 | 47 | 37 | 30 | 26 | 32 | 27 | 23 | 28 | 23 | 20 | 23 | 20 | 18 | 16 | | | | |
| 10 | 48 | 36 | 29 | 24 | 44 | 34 | 27 | 23 | 30 | 24 | 21 | 26 | 21 | 18 | 22 | 18 | 16 | 14 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 4789 | 4789 | 4789 | 4789 |
| 5° | 5555 | 4803 | 4246 | 4803 |
| 10° | 6571 | 4782 | 3789 | 4782 |
| 15° | 7590 | 4738 | 3256 | 4738 |
| 20° | 8451 | 4677 | 2944 | 4677 |
| 25° | 8725 | 4618 | 2734 | 4618 |
| 30° | 7637 | 4545 | 2606 | 4545 |
| 35° | 5945 | 4438 | 2530 | 4438 |
| 40° | 4458 | 4314 | 2488 | 4314 |
| 45° | 3520 | 4117 | 2466 | 4117 |
| 50° | 2972 | 3890 | 2396 | 3890 |
| 55° | 2590 | 3640 | 2267 | 3640 |
| 60° | 2330 | 3379 | 2007 | 3379 |
| 65° | 2055 | 3100 | 1727 | 3100 |
| 70° | 1851 | 2811 | 1555 | 2811 |
| 75° | 1550 | 2489 | 1326 | 2489 |
| 80° | 1311 | 2120 | 1246 | 2120 |
| 85° | 1102 | 1667 | 1102 | 1667 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 57.5 | 1.9 |
| 10°-20° | 173.4 | 5.8 |
| 20°-30° | 271.2 | 9.1 |
| 30°-40° | 301.5 | 10.1 |
| 40°-50° | 267.5 | 9.0 |
| 50°-60° | 208.4 | 7.0 |
| 60°-70° | 136.5 | 4.6 |
| 70°-80° | 67.1 | 2.3 |
| 80°-90° | 17.9 | 0.6 |
| 90°-100° | 16.3 | 0.5 |
| 100°-110° | 104.1 | 3.5 |
| 110°-120° | 199.1 | 6.7 |
| 120°-130° | 252.7 | 8.5 |
| 130°-140° | 270.4 | 9.1 |
| 140°-150° | 252.8 | 8.5 |
| 150°-160° | 203.9 | 6.8 |
| 160°-170° | 131.5 | 4.4 |
| 170°-180° | 45.3 | 1.5 |
| 0°-30° | 502.0 | 16.9 |
| 0°-40° | 803.5 | 27.0 |
| 0°-60° | 1279.4 | 43.0 |
| 0°-90° | 1500.9 | 50.4 |
| 90°-120° | 319.5 | 10.7 |
| 90°-150° | 1095.3 | 36.8 |
| 90°-180° | 1476.0 | 49.6 |
| 0°-180° | 2976.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0° | 593 | 593 | 593 | 593 | 593 | |
| 5° | 686 | 593 | 524 | 593 | 686 | 69 |
| 15° | 908 | 567 | 390 | 567 | 908 | 258 |
| 25° | 980 | 518 | 307 | 518 | 980 | 435 |
| 35° | 603 | 450 | 257 | 450 | 603 | 378 |
| 45° | 308 | 361 | 216 | 361 | 308 | 244 |
| 55° | 184 | 259 | 161 | 259 | 184 | 167 |
| 65° | 108 | 162 | 90 | 162 | 108 | 108 |
| 75° | 50 | 80 | 42 | 80 | 50 | 55 |
| 85° | 12 | 18 | 12 | 18 | 12 | 14 |
| 90° | 11 | 1 | 11 | 1 | 11 | 5 |
| 95° | 10 | 20 | 10 | 20 | 10 | 8 |
| 105° | 102 | 107 | 102 | 107 | 102 | 89 |
| 115° | 202 | 201 | 202 | 201 | 202 | 200 |
| 125° | 284 | 282 | 284 | 282 | 284 | 253 |
| 135° | 352 | 350 | 352 | 350 | 352 | 271 |
| 145° | 406 | 403 | 406 | 403 | 406 | 253 |
| 155° | 442 | 442 | 442 | 442 | 442 | 204 |
| 165° | 464 | 466 | 464 | 466 | 464 | 131 |
| 175° | 474 | 477 | 474 | 477 | 474 | 45 |
| 180° | 477 | 477 | 477 | 477 | 477 | |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5° | 625.7 | 627.4 | 625.7 | 625.5 | 623.6 | 623.0 | 622.3 | 619.8 | 615.2 | 612.5 | 613.1 |
| 5° | 685.5 | 691.5 | 688.1 | 687.6 | 682.4 | 677.1 | 673.8 | 666.1 | 657.9 | 652.5 | 647.9 |
| 7.5° | 754.6 | 758.0 | 755.9 | 752.6 | 744.1 | 739.2 | 731.4 | 721.4 | 706.8 | 695.7 | 685.5 |
| 10° | 801.6 | 804.5 | 803.5 | 797.3 | 791.1 | 778.4 | 771.2 | 757.2 | 738.7 | 724.2 | 710.5 |
| 12.5° | 847.9 | 850.9 | 842.5 | 842.8 | 831.0 | 821.0 | 809.7 | 791.9 | 770.7 | 751.9 | 734.9 |
| 15° | 908.2 | 904.3 | 904.3 | 899.6 | 886.5 | 872.6 | 860.9 | 842.2 | 815.5 | 793.0 | 769.3 |
| 17.5° | 955.4 | 956.7 | 954.8 | 943.5 | 933.2 | 918.9 | 897.4 | 875.7 | 850.8 | 820.6 | 796.5 |
| 20° | 983.7 | 983.7 | 981.6 | 973.9 | 960.6 | 945.2 | 922.1 | 898.4 | 866.9 | 836.5 | 809.3 |
| 22.5° | 995.2 | 995.9 | 993.4 | 987.1 | 975.1 | 960.2 | 940.4 | 916.4 | 883.8 | 849.7 | 816.0 |
| 25° | 979.5 | 984.0 | 984.4 | 982.8 | 979.2 | 970.1 | 953.1 | 928.6 | 899.4 | 862.3 | 826.0 |
| 27.5° | 899.2 | 904.9 | 910.0 | 918.3 | 929.3 | 934.9 | 935.7 | 923.2 | 897.8 | 862.1 | 825.6 |
| 30° | 819.3 | 824.0 | 839.6 | 859.9 | 875.7 | 890.0 | 902.5 | 905.8 | 891.5 | 859.5 | 821.0 |
| 32.5° | 730.5 | 737.1 | 752.7 | 774.5 | 800.7 | 825.1 | 852.9 | 867.2 | 866.8 | 847.6 | 812.0 |
| 35° | 603.2 | 608.0 | 622.4 | 645.3 | 676.8 | 713.0 | 757.2 | 791.5 | 815.0 | 813.3 | 791.5 |
| 37.5° | 486.6 | 491.9 | 506.3 | 525.4 | 556.0 | 600.7 | 643.5 | 690.9 | 734.2 | 758.5 | 751.2 |
| 40° | 423.0 | 423.2 | 437.4 | 457.0 | 485.6 | 524.6 | 571.2 | 623.8 | 672.1 | 711.6 | 719.1 |
| 42.5° | 372.9 | 372.9 | 382.3 | 403.4 | 424.0 | 460.7 | 505.2 | 557.4 | 614.0 | 659.5 | 679.7 |
| 45° | 308.3 | 310.4 | 318.1 | 330.7 | 347.0 | 378.1 | 413.7 | 462.2 | 525.5 | 579.6 | 613.3 |
| 47.5° | 261.1 | 264.3 | 269.1 | 279.4 | 292.4 | 313.1 | 342.5 | 386.2 | 437.7 | 497.1 | 545.0 |
| 50° | 236.6 | 237.1 | 243.3 | 249.0 | 260.2 | 276.8 | 302.6 | 338.9 | 386.3 | 443.3 | 496.7 |
| 52.5° | 215.6 | 215.5 | 219.2 | 226.5 | 235.6 | 248.4 | 269.3 | 302.4 | 344.4 | 395.6 | 450.6 |
| 55° | 184.0 | 185.2 | 188.1 | 193.8 | 200.8 | 209.8 | 226.3 | 251.2 | 284.2 | 327.9 | 377.9 |
| 57.5° | 160.1 | 160.7 | 162.9 | 165.3 | 171.7 | 178.3 | 190.7 | 207.9 | 235.7 | 271.6 | 318.1 |
| 60° | 144.3 | 144.6 | 145.3 | 148.9 | 153.9 | 160.2 | 168.5 | 183.1 | 206.5 | 239.2 | 276.1 |
| 62.5° | 129.1 | 129.5 | 130.6 | 133.2 | 137.1 | 141.4 | 150.2 | 161.9 | 181.3 | 209.2 | 242.4 |
| 65° | 107.6 | 107.8 | 109.5 | 110.4 | 113.5 | 117.3 | 123.8 | 131.7 | 145.1 | 168.5 | 193.6 |
| 67.5° | 89.9 | 89.9 | 90.0 | 91.3 | 93.4 | 95.9 | 99.8 | 106.1 | 116.2 | 130.6 | 152.7 |
| 70° | 78.4 | 78.4 | 78.9 | 79.6 | 80.8 | 82.9 | 85.1 | 89.9 | 97.3 | 109.0 | 125.9 |
| 72.5° | 67.7 | 67.9 | 68.4 | 68.5 | 69.1 | 70.9 | 72.5 | 75.5 | 81.0 | 89.9 | 103.6 |
| 75° | 49.7 | 50.4 | 51.6 | 52.6 | 53.8 | 53.5 | 55.2 | 57.2 | 58.8 | 64.0 | 71.9 |
| 77.5° | 37.0 | 36.7 | 36.8 | 37.6 | 37.7 | 38.0 | 39.2 | 40.6 | 41.9 | 44.3 | 47.2 |
| 80° | 28.2 | 28.2 | 28.9 | 29.2 | 28.9 | 29.2 | 30.4 | 31.1 | 31.5 | 32.5 | 35.1 |
| 82.5° | 21.3 | 21.7 | 21.5 | 21.7 | 21.8 | 22.1 | 23.1 | 23.2 | 23.7 | 24.1 | 25.1 |
| 85° | 11.9 | 12.2 | 12.4 | 11.9 | 11.9 | 11.9 | 12.4 | 12.6 | 13.1 | 12.9 | 13.4 |
| 87.5° | 6.4 | 6.2 | 6.3 | 6.3 | 6.4 | 6.2 | 6.3 | 6.6 | 6.1 | 6.2 | 6.1 |
| 90° | 10.7 | 10.5 | 10.4 | 10.2 | 10.1 | 9.8 | 9.3 | 8.8 | 8.3 | 7.9 | 7.2 |
| 92.5° | 9.9 | 9.8 | 9.8 | 9.8 | 9.7 | 9.5 | 9.0 | 8.5 | 8.1 | 7.6 | 7.0 |
| 95° | 10.3 | 10.3 | 10.2 | 10.1 | 10.0 | 9.8 | 9.3 | 8.8 | 8.3 | 7.9 | 7.8 |
| 97.5° | 10.0 | 9.9 | 9.8 | 9.8 | 9.7 | 9.6 | 9.6 | 9.5 | 9.5 | 9.4 | 18.3 |
| 100° | 10.0 | 9.9 | 9.8 | 9.8 | 9.7 | 10.3 | 11.6 | 13.0 | 14.3 | 15.8 | 26.7 |
| 102.5° | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 17.5 | 32.0 | 46.6 | 61.1 | 75.6 | 77.1 |
| 105° | 101.7 | 104.5 | 107.4 | 110.3 | 113.1 | 114.2 | 113.5 | 112.8 | 112.1 | 111.4 | 111.0 |
| 107.5° | 141.8 | 141.5 | 141.2 | 140.9 | 140.6 | 140.3 | 139.9 | 139.6 | 139.2 | 138.9 | 138.3 |
| 110° | 159.2 | 159.0 | 158.8 | 158.4 | 158.2 | 158.0 | 157.8 | 157.7 | 157.5 | 157.4 | 156.9 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 176.6 | 176.3 | 176.0 | 175.7 | 175.4 | 175.2 | 175.3 | 175.3 | 175.3 | 175.4 | 175.1 |
| 115° | 202.0 | 202.0 | 202.0 | 202.0 | 202.0 | 202.0 | 201.8 | 201.6 | 201.5 | 201.3 | 201.4 |
| 117.5° | 227.8 | 227.9 | 227.9 | 227.9 | 227.9 | 228.0 | 228.0 | 228.0 | 228.1 | 228.1 | 227.9 |
| 120° | 244.1 | 244.3 | 244.4 | 244.6 | 244.8 | 244.8 | 244.6 | 244.4 | 244.3 | 244.1 | 244.2 |
| 122.5° | 260.1 | 260.2 | 260.4 | 260.5 | 260.7 | 260.7 | 260.6 | 260.5 | 260.4 | 260.4 | 260.2 |
| 125° | 284.1 | 284.0 | 284.0 | 283.9 | 283.8 | 283.6 | 283.4 | 283.2 | 282.9 | 282.7 | 282.9 |
| 127.5° | 305.2 | 305.2 | 305.3 | 305.4 | 305.4 | 305.5 | 305.5 | 305.6 | 305.6 | 305.7 | 305.3 |
| 130° | 319.4 | 319.4 | 319.4 | 319.4 | 319.4 | 319.4 | 319.3 | 319.2 | 319.1 | 319.1 | 318.8 |
| 132.5° | 332.5 | 332.6 | 332.6 | 332.8 | 332.9 | 332.9 | 332.8 | 332.6 | 332.5 | 332.4 | 332.1 |
| 135° | 352.2 | 352.1 | 351.9 | 351.7 | 351.6 | 351.4 | 351.3 | 351.1 | 351.0 | 350.8 | 350.5 |
| 137.5° | 369.1 | 369.1 | 369.2 | 369.2 | 369.3 | 369.2 | 369.1 | 368.9 | 368.7 | 368.5 | 368.2 |
| 140° | 380.8 | 380.7 | 380.6 | 380.6 | 380.5 | 380.3 | 380.1 | 379.8 | 379.6 | 379.4 | 379.2 |
| 142.5° | 390.5 | 390.5 | 390.5 | 390.5 | 390.4 | 390.3 | 390.2 | 390.0 | 389.8 | 389.7 | 389.6 |
| 145° | 405.5 | 405.3 | 405.2 | 405.0 | 404.8 | 404.7 | 404.7 | 404.6 | 404.5 | 404.3 | 404.3 |
| 147.5° | 417.8 | 417.7 | 417.6 | 417.6 | 417.5 | 417.4 | 417.4 | 417.3 | 417.2 | 417.2 | 417.2 |
| 150° | 425.8 | 425.7 | 425.7 | 425.6 | 425.5 | 425.5 | 425.5 | 425.5 | 425.5 | 425.5 | 425.5 |
| 152.5° | 432.6 | 432.7 | 432.7 | 432.7 | 432.8 | 432.8 | 432.6 | 432.5 | 432.4 | 432.3 | 432.4 |
| 155° | 441.8 | 442.1 | 442.3 | 442.5 | 442.8 | 442.7 | 442.4 | 442.1 | 441.8 | 441.5 | 441.7 |
| 157.5° | 449.6 | 450.0 | 450.4 | 450.8 | 451.2 | 451.2 | 450.8 | 450.4 | 450.0 | 449.6 | 449.8 |
| 160° | 454.6 | 455.1 | 455.7 | 456.2 | 456.6 | 456.6 | 456.2 | 455.7 | 455.1 | 454.6 | 454.7 |
| 162.5° | 458.7 | 459.2 | 459.8 | 460.3 | 460.8 | 460.9 | 460.4 | 459.9 | 459.5 | 459.0 | 459.1 |
| 165° | 464.3 | 465.0 | 465.7 | 466.5 | 467.2 | 467.3 | 466.6 | 466.0 | 465.3 | 464.6 | 464.6 |
| 167.5° | 468.6 | 469.3 | 470.1 | 470.9 | 471.7 | 471.7 | 471.1 | 470.4 | 469.7 | 469.0 | 469.0 |
| 170° | 471.1 | 471.9 | 472.7 | 473.5 | 474.2 | 474.3 | 473.7 | 473.1 | 472.4 | 471.8 | 471.7 |
| 172.5° | 472.5 | 473.4 | 474.2 | 475.1 | 475.9 | 476.1 | 475.4 | 474.8 | 474.1 | 473.5 | 473.4 |
| 175° | 474.3 | 475.2 | 476.3 | 477.2 | 478.2 | 478.3 | 477.6 | 476.9 | 476.2 | 475.3 | 475.3 |
| 177.5° | 475.4 | 476.3 | 477.0 | 477.8 | 478.5 | 478.7 | 478.2 | 477.7 | 477.2 | 476.6 | 476.5 |
| 180° | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5° | 611.2 | 608.5 | 607.1 | 604.1 | 600.5 | 598.5 | 596.8 | 594.3 | 591.1 | 587.6 | 585.2 |
| 5° | 642.2 | 636.4 | 629.2 | 620.7 | 613.1 | 605.6 | 599.2 | 592.7 | 585.3 | 577.6 | 570.1 |
| 7.5° | 674.0 | 662.8 | 650.6 | 636.4 | 622.8 | 610.3 | 598.7 | 587.8 | 575.4 | 564.2 | 554.1 |
| 10° | 696.2 | 681.0 | 664.0 | 646.0 | 628.1 | 612.6 | 597.2 | 583.4 | 568.2 | 554.5 | 543.0 |
| 12.5° | 714.2 | 696.2 | 675.8 | 653.5 | 631.9 | 613.1 | 595.5 | 577.4 | 560.1 | 545.3 | 530.0 |
| 15° | 744.0 | 719.4 | 692.0 | 665.1 | 637.2 | 611.6 | 587.9 | 566.9 | 547.0 | 526.2 | 511.7 |
| 17.5° | 764.6 | 735.3 | 701.9 | 669.7 | 636.7 | 606.5 | 579.3 | 554.2 | 531.3 | 510.1 | 492.7 |
| 20° | 776.8 | 744.5 | 707.4 | 670.9 | 633.8 | 601.6 | 572.2 | 544.4 | 520.8 | 497.9 | 479.9 |
| 22.5° | 783.7 | 747.9 | 707.4 | 669.1 | 630.8 | 595.8 | 563.6 | 534.7 | 509.0 | 485.9 | 466.2 |
| 25° | 785.9 | 747.6 | 706.3 | 662.3 | 620.3 | 583.2 | 549.7 | 518.4 | 489.7 | 466.8 | 445.8 |
| 27.5° | 782.7 | 737.7 | 695.4 | 650.3 | 606.8 | 567.8 | 532.7 | 499.8 | 471.1 | 446.5 | 424.9 |
| 30° | 778.2 | 729.9 | 684.5 | 637.6 | 593.7 | 556.1 | 519.1 | 487.6 | 457.7 | 432.1 | 410.4 |
| 32.5° | 768.2 | 720.3 | 671.5 | 623.5 | 579.0 | 540.3 | 505.1 | 473.4 | 444.1 | 418.0 | 394.9 |
| 35° | 748.5 | 700.0 | 647.0 | 597.7 | 554.0 | 513.8 | 480.9 | 450.3 | 422.3 | 394.4 | 370.0 |
| 37.5° | 722.6 | 673.1 | 620.3 | 566.3 | 522.5 | 484.6 | 454.4 | 425.7 | 398.4 | 372.8 | 345.9 |
| 40° | 698.1 | 653.0 | 598.4 | 544.9 | 500.0 | 463.4 | 435.5 | 409.4 | 381.9 | 356.6 | 329.6 |
| 42.5° | 668.5 | 630.1 | 574.9 | 521.2 | 476.9 | 441.6 | 415.6 | 390.1 | 365.1 | 340.5 | 312.4 |
| 45° | 619.0 | 589.9 | 538.3 | 486.7 | 441.9 | 407.0 | 383.1 | 360.6 | 338.7 | 315.3 | 288.7 |
| 47.5° | 562.3 | 542.6 | 498.1 | 445.1 | 403.8 | 372.4 | 349.3 | 330.9 | 312.4 | 288.9 | 265.7 |
| 50° | 522.9 | 510.3 | 467.3 | 419.0 | 379.5 | 350.6 | 327.0 | 309.7 | 294.2 | 271.8 | 251.0 |
| 52.5° | 480.9 | 474.1 | 437.8 | 391.6 | 353.6 | 325.2 | 305.0 | 289.5 | 273.8 | 255.1 | 235.7 |
| 55° | 416.8 | 420.4 | 389.6 | 349.6 | 313.8 | 289.9 | 271.6 | 258.6 | 245.2 | 229.4 | 214.4 |
| 57.5° | 351.3 | 364.5 | 343.8 | 308.7 | 275.1 | 253.0 | 239.1 | 228.3 | 217.0 | 204.0 | 191.1 |
| 60° | 312.1 | 323.2 | 311.4 | 280.5 | 251.2 | 230.7 | 217.7 | 209.3 | 198.1 | 186.2 | 176.4 |
| 62.5° | 273.9 | 285.7 | 278.7 | 253.8 | 226.5 | 208.8 | 197.4 | 189.7 | 181.3 | 170.9 | 160.7 |
| 65° | 225.9 | 233.5 | 230.1 | 213.0 | 193.6 | 178.5 | 168.0 | 162.3 | 154.6 | 147.0 | 137.9 |
| 67.5° | 173.0 | 187.7 | 185.8 | 176.6 | 160.0 | 148.1 | 141.3 | 136.2 | 129.3 | 123.6 | 117.4 |
| 70° | 142.2 | 155.8 | 155.6 | 148.1 | 139.1 | 128.2 | 123.3 | 119.1 | 112.8 | 107.3 | 102.3 |
| 72.5° | 116.4 | 128.9 | 130.8 | 125.0 | 118.9 | 110.5 | 105.9 | 103.0 | 96.9 | 93.2 | 89.1 |
| 75° | 81.5 | 90.6 | 93.0 | 93.0 | 90.1 | 85.8 | 81.7 | 79.8 | 75.5 | 72.2 | 69.8 |
| 77.5° | 53.4 | 59.2 | 62.9 | 63.7 | 64.2 | 62.7 | 59.4 | 58.1 | 54.7 | 53.6 | 51.3 |
| 80° | 37.8 | 41.6 | 45.8 | 47.4 | 48.5 | 48.1 | 46.7 | 45.6 | 42.5 | 41.3 | 40.4 |
| 82.5° | 26.1 | 28.2 | 31.7 | 34.9 | 34.5 | 35.9 | 34.5 | 33.8 | 31.4 | 31.0 | 30.1 |
| 85° | 13.6 | 13.8 | 14.3 | 16.5 | 17.7 | 18.2 | 18.4 | 18.0 | 17.2 | 17.2 | 15.6 |
| 87.5° | 5.9 | 5.6 | 5.9 | 5.7 | 5.8 | 6.3 | 6.7 | 6.7 | 6.4 | 6.0 | 5.6 |
| 90° | 6.6 | 6.0 | 5.4 | 4.5 | 3.7 | 2.8 | 1.9 | 1.1 | 1.9 | 2.8 | 3.7 |
| 92.5° | 6.3 | 5.7 | 5.0 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.6 |
| 95° | 7.7 | 7.6 | 7.6 | 8.9 | 11.5 | 14.2 | 17.0 | 19.6 | 17.0 | 14.2 | 11.5 |
| 97.5° | 27.2 | 36.0 | 44.8 | 48.4 | 46.8 | 45.0 | 43.3 | 41.7 | 43.3 | 45.0 | 46.8 |
| 100° | 37.6 | 48.6 | 59.5 | 64.2 | 62.8 | 61.4 | 60.0 | 58.6 | 60.0 | 61.4 | 62.8 |
| 102.5° | 78.6 | 80.0 | 81.4 | 81.6 | 80.5 | 79.5 | 78.5 | 77.4 | 78.5 | 79.5 | 80.5 |
| 105° | 110.6 | 110.2 | 109.8 | 109.4 | 108.9 | 108.4 | 107.9 | 107.4 | 107.9 | 108.4 | 108.9 |
| 107.5° | 137.7 | 137.2 | 136.6 | 136.3 | 136.0 | 135.8 | 135.5 | 135.3 | 135.5 | 135.8 | 136.0 |
| 110° | 156.4 | 155.9 | 155.5 | 155.1 | 154.9 | 154.6 | 154.4 | 154.2 | 154.4 | 154.6 | 154.9 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 174.9 | 174.7 | 174.5 | 174.2 | 173.7 | 173.3 | 172.9 | 172.5 | 172.9 | 173.3 | 173.7 |
| 115° | 201.5 | 201.6 | 201.6 | 201.6 | 201.3 | 201.1 | 200.9 | 200.6 | 200.9 | 201.1 | 201.3 |
| 117.5° | 227.8 | 227.6 | 227.4 | 227.2 | 226.9 | 226.5 | 226.2 | 225.9 | 226.2 | 226.5 | 226.9 |
| 120° | 244.3 | 244.4 | 244.4 | 244.3 | 244.0 | 243.7 | 243.4 | 243.1 | 243.4 | 243.7 | 244.0 |
| 122.5° | 260.1 | 260.0 | 259.9 | 259.8 | 259.6 | 259.4 | 259.2 | 259.0 | 259.2 | 259.4 | 259.6 |
| 125° | 283.0 | 283.2 | 283.3 | 283.3 | 282.9 | 282.6 | 282.3 | 282.0 | 282.3 | 282.6 | 282.9 |
| 127.5° | 304.9 | 304.6 | 304.2 | 304.0 | 303.9 | 303.8 | 303.8 | 303.7 | 303.8 | 303.8 | 303.9 |
| 130° | 318.6 | 318.3 | 318.1 | 318.0 | 317.9 | 317.8 | 317.7 | 317.6 | 317.7 | 317.8 | 317.9 |
| 132.5° | 331.8 | 331.5 | 331.2 | 331.0 | 330.9 | 330.7 | 330.6 | 330.5 | 330.6 | 330.7 | 330.9 |
| 135° | 350.2 | 349.9 | 349.5 | 349.4 | 349.5 | 349.6 | 349.7 | 349.7 | 349.7 | 349.6 | 349.5 |
| 137.5° | 367.8 | 367.5 | 367.2 | 367.0 | 366.9 | 366.9 | 366.9 | 366.8 | 366.9 | 366.9 | 366.9 |
| 140° | 379.1 | 378.9 | 378.7 | 378.6 | 378.4 | 378.3 | 378.1 | 378.0 | 378.1 | 378.3 | 378.4 |
| 142.5° | 389.5 | 389.4 | 389.3 | 389.1 | 388.8 | 388.5 | 388.2 | 388.0 | 388.2 | 388.5 | 388.8 |
| 145° | 404.3 | 404.3 | 404.3 | 404.2 | 404.0 | 403.7 | 403.5 | 403.3 | 403.5 | 403.7 | 404.0 |
| 147.5° | 417.3 | 417.4 | 417.5 | 417.3 | 416.9 | 416.4 | 416.0 | 415.5 | 416.0 | 416.4 | 416.9 |
| 150° | 425.6 | 425.7 | 425.8 | 425.7 | 425.4 | 425.0 | 424.6 | 424.3 | 424.6 | 425.0 | 425.4 |
| 152.5° | 432.5 | 432.7 | 432.8 | 432.8 | 432.5 | 432.3 | 432.0 | 431.8 | 432.0 | 432.3 | 432.5 |
| 155° | 441.9 | 442.2 | 442.4 | 442.5 | 442.4 | 442.3 | 442.3 | 442.2 | 442.3 | 442.3 | 442.4 |
| 157.5° | 450.1 | 450.4 | 450.6 | 450.8 | 450.8 | 450.9 | 450.9 | 451.0 | 450.9 | 450.9 | 450.8 |
| 160° | 454.8 | 454.9 | 455.0 | 455.1 | 455.4 | 455.7 | 455.9 | 456.2 | 455.9 | 455.7 | 455.4 |
| 162.5° | 459.1 | 459.2 | 459.3 | 459.5 | 459.8 | 460.1 | 460.4 | 460.7 | 460.4 | 460.1 | 459.8 |
| 165° | 464.6 | 464.6 | 464.6 | 464.8 | 465.2 | 465.6 | 466.1 | 466.5 | 466.1 | 465.6 | 465.2 |
| 167.5° | 469.1 | 469.1 | 469.2 | 469.4 | 469.8 | 470.2 | 470.6 | 471.0 | 470.6 | 470.2 | 469.8 |
| 170° | 471.7 | 471.6 | 471.5 | 471.7 | 472.2 | 472.6 | 473.1 | 473.6 | 473.1 | 472.6 | 472.2 |
| 172.5° | 473.4 | 473.3 | 473.2 | 473.4 | 473.9 | 474.3 | 474.8 | 475.3 | 474.8 | 474.3 | 473.9 |
| 175° | 475.2 | 475.1 | 475.0 | 475.2 | 475.7 | 476.3 | 476.7 | 477.2 | 476.7 | 476.3 | 475.7 |
| 177.5° | 476.4 | 476.3 | 476.1 | 476.3 | 476.7 | 477.2 | 477.6 | 478.1 | 477.6 | 477.2 | 476.7 |
| 180° | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5° | 582.5 | 580.6 | 578.1 | 575.2 | 571.8 | 568.8 | 567.3 | 568.6 | 569.2 | 567.5 | 567.3 |
| 5° | 564.7 | 558.8 | 554.0 | 546.8 | 541.1 | 536.3 | 533.0 | 531.5 | 532.0 | 528.2 | 527.3 |
| 7.5° | 544.8 | 537.8 | 529.9 | 521.4 | 513.5 | 506.4 | 502.8 | 500.8 | 496.7 | 494.9 | 492.0 |
| 10° | 532.0 | 522.5 | 514.8 | 504.7 | 495.6 | 487.4 | 483.2 | 479.9 | 475.8 | 473.9 | 469.9 |
| 12.5° | 518.9 | 507.8 | 499.3 | 488.9 | 479.6 | 469.6 | 465.6 | 459.5 | 453.1 | 449.1 | 443.8 |
| 15° | 500.2 | 486.9 | 476.6 | 464.1 | 453.1 | 441.7 | 431.4 | 419.9 | 415.7 | 406.6 | 401.3 |
| 17.5° | 478.5 | 464.9 | 452.2 | 435.6 | 418.6 | 404.2 | 393.3 | 382.3 | 375.8 | 370.0 | 367.3 |
| 20° | 464.1 | 451.7 | 434.0 | 414.7 | 395.8 | 380.0 | 371.1 | 364.0 | 356.8 | 352.7 | 349.9 |
| 22.5° | 450.6 | 434.6 | 414.1 | 393.2 | 374.4 | 362.0 | 354.6 | 347.2 | 341.3 | 337.5 | 333.7 |
| 25° | 427.8 | 407.0 | 385.3 | 361.3 | 348.5 | 337.7 | 329.6 | 323.6 | 320.0 | 315.0 | 313.1 |
| 27.5° | 404.5 | 379.2 | 355.3 | 339.2 | 325.8 | 315.9 | 308.8 | 304.4 | 299.8 | 296.6 | 294.1 |
| 30° | 386.5 | 360.9 | 339.4 | 324.1 | 310.4 | 302.4 | 296.6 | 291.3 | 287.7 | 285.1 | 283.3 |
| 32.5° | 368.7 | 343.2 | 325.1 | 308.6 | 297.8 | 289.9 | 283.8 | 279.8 | 277.0 | 273.7 | 272.5 |
| 35° | 343.0 | 320.2 | 304.5 | 289.6 | 278.7 | 271.6 | 266.7 | 262.7 | 260.2 | 259.3 | 258.6 |
| 37.5° | 318.2 | 299.6 | 282.7 | 270.5 | 260.7 | 255.1 | 249.4 | 247.4 | 245.8 | 244.1 | 244.9 |
| 40° | 302.6 | 285.1 | 270.0 | 257.2 | 249.2 | 243.1 | 239.7 | 237.3 | 235.9 | 235.9 | 235.9 |
| 42.5° | 289.0 | 272.0 | 257.2 | 245.7 | 237.8 | 232.6 | 228.8 | 226.8 | 226.3 | 226.1 | 227.3 |
| 45° | 267.9 | 252.2 | 237.3 | 227.7 | 221.1 | 215.8 | 213.7 | 212.0 | 212.0 | 213.0 | 213.2 |
| 47.5° | 247.0 | 232.3 | 220.4 | 209.6 | 203.5 | 200.3 | 198.3 | 197.5 | 197.6 | 198.5 | 199.7 |
| 50° | 234.2 | 219.6 | 207.9 | 198.3 | 192.7 | 189.6 | 187.8 | 187.3 | 187.8 | 187.8 | 189.6 |
| 52.5° | 220.3 | 207.2 | 195.7 | 187.6 | 181.2 | 178.2 | 177.3 | 176.6 | 176.9 | 177.7 | 178.4 |
| 55° | 199.9 | 188.1 | 177.1 | 169.5 | 164.7 | 162.8 | 160.6 | 160.9 | 160.4 | 160.9 | 160.9 |
| 57.5° | 179.3 | 168.7 | 158.5 | 152.5 | 148.2 | 145.5 | 143.2 | 143.8 | 143.1 | 143.0 | 142.6 |
| 60° | 166.1 | 154.6 | 146.5 | 141.0 | 136.2 | 133.8 | 131.7 | 132.2 | 131.5 | 131.0 | 130.0 |
| 62.5° | 151.8 | 142.2 | 134.4 | 129.2 | 125.3 | 122.6 | 120.4 | 120.0 | 118.3 | 116.6 | 114.5 |
| 65° | 131.0 | 123.1 | 116.1 | 111.2 | 107.6 | 105.4 | 103.7 | 102.3 | 98.7 | 94.9 | 93.0 |
| 67.5° | 110.8 | 105.0 | 98.6 | 94.3 | 91.4 | 88.7 | 85.4 | 83.0 | 79.7 | 77.6 | 76.3 |
| 70° | 97.8 | 92.3 | 86.7 | 82.7 | 79.6 | 77.0 | 73.4 | 71.7 | 69.3 | 68.4 | 67.2 |
| 72.5° | 85.3 | 80.2 | 75.1 | 71.4 | 68.2 | 66.0 | 63.2 | 61.6 | 60.5 | 60.1 | 59.0 |
| 75° | 66.4 | 62.4 | 58.6 | 55.2 | 52.6 | 51.1 | 50.0 | 48.8 | 48.3 | 46.2 | 44.9 |
| 77.5° | 48.5 | 45.7 | 43.4 | 41.0 | 39.2 | 38.2 | 35.9 | 34.5 | 33.7 | 32.7 | 32.4 |
| 80° | 37.8 | 35.9 | 33.4 | 32.0 | 29.4 | 28.5 | 27.5 | 27.3 | 27.0 | 26.8 | 26.6 |
| 82.5° | 28.4 | 26.5 | 24.1 | 23.2 | 22.5 | 21.9 | 21.4 | 21.1 | 20.9 | 21.0 | 21.0 |
| 85° | 14.3 | 13.4 | 13.4 | 13.1 | 12.9 | 12.6 | 12.4 | 12.4 | 12.2 | 12.4 | 12.2 |
| 87.5° | 5.7 | 5.7 | 5.8 | 5.6 | 5.9 | 6.0 | 5.9 | 6.0 | 6.3 | 6.0 | 6.1 |
| 90° | 4.5 | 5.4 | 6.0 | 6.6 | 7.2 | 7.9 | 8.3 | 8.8 | 9.3 | 9.8 | 10.1 |
| 92.5° | 4.6 | 5.0 | 5.7 | 6.3 | 7.0 | 7.6 | 8.1 | 8.5 | 9.0 | 9.5 | 9.7 |
| 95° | 8.9 | 7.6 | 7.6 | 7.7 | 7.8 | 7.9 | 8.3 | 8.8 | 9.3 | 9.8 | 10.0 |
| 97.5° | 48.4 | 44.8 | 36.0 | 27.2 | 18.3 | 9.4 | 9.5 | 9.5 | 9.6 | 9.6 | 9.7 |
| 100° | 64.2 | 59.5 | 48.6 | 37.6 | 26.7 | 15.8 | 14.3 | 13.0 | 11.6 | 10.3 | 9.7 |
| 102.5° | 81.6 | 81.4 | 80.0 | 78.6 | 77.1 | 75.6 | 61.1 | 46.6 | 32.0 | 17.5 | 10.2 |
| 105° | 109.4 | 109.8 | 110.2 | 110.6 | 111.0 | 111.4 | 112.1 | 112.8 | 113.5 | 114.2 | 113.1 |
| 107.5° | 136.3 | 136.6 | 137.2 | 137.7 | 138.3 | 138.9 | 139.2 | 139.6 | 139.9 | 140.3 | 140.6 |
| 110° | 155.1 | 155.5 | 155.9 | 156.4 | 156.9 | 157.4 | 157.5 | 157.7 | 157.8 | 158.0 | 158.2 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 174.2 | 174.5 | 174.7 | 174.9 | 175.1 | 175.4 | 175.3 | 175.3 | 175.3 | 175.2 | 175.4 |
| 115° | 201.6 | 201.6 | 201.6 | 201.5 | 201.4 | 201.3 | 201.5 | 201.6 | 201.8 | 202.0 | 202.0 |
| 117.5° | 227.2 | 227.4 | 227.6 | 227.8 | 227.9 | 228.1 | 228.1 | 228.0 | 228.0 | 228.0 | 227.9 |
| 120° | 244.3 | 244.4 | 244.4 | 244.3 | 244.2 | 244.1 | 244.3 | 244.4 | 244.6 | 244.8 | 244.8 |
| 122.5° | 259.8 | 259.9 | 260.0 | 260.1 | 260.2 | 260.4 | 260.4 | 260.5 | 260.6 | 260.7 | 260.7 |
| 125° | 283.3 | 283.3 | 283.2 | 283.0 | 282.9 | 282.7 | 282.9 | 283.2 | 283.4 | 283.6 | 283.8 |
| 127.5° | 304.0 | 304.2 | 304.6 | 304.9 | 305.3 | 305.7 | 305.6 | 305.6 | 305.5 | 305.5 | 305.4 |
| 130° | 318.0 | 318.1 | 318.3 | 318.6 | 318.8 | 319.1 | 319.1 | 319.2 | 319.3 | 319.4 | 319.4 |
| 132.5° | 331.0 | 331.2 | 331.5 | 331.8 | 332.1 | 332.4 | 332.5 | 332.6 | 332.8 | 332.9 | 332.9 |
| 135° | 349.4 | 349.5 | 349.9 | 350.2 | 350.5 | 350.8 | 351.0 | 351.1 | 351.3 | 351.4 | 351.6 |
| 137.5° | 367.0 | 367.2 | 367.5 | 367.8 | 368.2 | 368.5 | 368.7 | 368.9 | 369.1 | 369.2 | 369.3 |
| 140° | 378.6 | 378.7 | 378.9 | 379.1 | 379.2 | 379.4 | 379.6 | 379.8 | 380.1 | 380.3 | 380.5 |
| 142.5° | 389.1 | 389.3 | 389.4 | 389.5 | 389.6 | 389.7 | 389.8 | 390.0 | 390.2 | 390.3 | 390.4 |
| 145° | 404.2 | 404.3 | 404.3 | 404.3 | 404.3 | 404.3 | 404.5 | 404.6 | 404.7 | 404.7 | 404.8 |
| 147.5° | 417.3 | 417.5 | 417.4 | 417.3 | 417.2 | 417.2 | 417.2 | 417.3 | 417.4 | 417.4 | 417.5 |
| 150° | 425.7 | 425.8 | 425.7 | 425.6 | 425.5 | 425.5 | 425.5 | 425.5 | 425.5 | 425.5 | 425.5 |
| 152.5° | 432.8 | 432.8 | 432.7 | 432.5 | 432.4 | 432.3 | 432.4 | 432.5 | 432.6 | 432.8 | 432.8 |
| 155° | 442.5 | 442.4 | 442.2 | 441.9 | 441.7 | 441.5 | 441.8 | 442.1 | 442.4 | 442.7 | 442.8 |
| 157.5° | 450.8 | 450.6 | 450.4 | 450.1 | 449.8 | 449.6 | 450.0 | 450.4 | 450.8 | 451.2 | 451.2 |
| 160° | 455.1 | 455.0 | 454.9 | 454.8 | 454.7 | 454.6 | 455.1 | 455.7 | 456.2 | 456.6 | 456.6 |
| 162.5° | 459.5 | 459.3 | 459.2 | 459.1 | 459.1 | 459.0 | 459.5 | 459.9 | 460.4 | 460.9 | 460.8 |
| 165° | 464.8 | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 | 465.3 | 466.0 | 466.6 | 467.3 | 467.2 |
| 167.5° | 469.4 | 469.2 | 469.1 | 469.1 | 469.0 | 469.0 | 469.7 | 470.4 | 471.1 | 471.7 | 471.7 |
| 170° | 471.7 | 471.5 | 471.6 | 471.7 | 471.7 | 471.8 | 472.4 | 473.1 | 473.7 | 474.3 | 474.2 |
| 172.5° | 473.4 | 473.2 | 473.3 | 473.4 | 473.4 | 473.5 | 474.1 | 474.8 | 475.4 | 476.1 | 475.9 |
| 175° | 475.2 | 475.0 | 475.1 | 475.2 | 475.3 | 475.3 | 476.2 | 476.9 | 477.6 | 478.3 | 478.2 |
| 177.5° | 476.3 | 476.1 | 476.3 | 476.4 | 476.5 | 476.6 | 477.2 | 477.7 | 478.2 | 478.7 | 478.5 |
| 180° | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5° | 566.2 | 566.6 | 565.3 | 564.9 | 565.3 | 566.6 | 566.2 | 567.3 | 567.5 | 569.2 | 568.6 |
| 5° | 525.3 | 524.8 | 523.6 | 523.9 | 523.6 | 524.8 | 525.3 | 527.3 | 528.2 | 532.0 | 531.5 |
| 7.5° | 490.3 | 488.5 | 489.0 | 487.1 | 489.0 | 488.5 | 490.3 | 492.0 | 494.9 | 496.7 | 500.8 |
| 10° | 468.9 | 466.3 | 464.1 | 462.2 | 464.1 | 466.3 | 468.9 | 469.9 | 473.9 | 475.8 | 479.9 |
| 12.5° | 439.7 | 437.4 | 434.5 | 435.0 | 434.5 | 437.4 | 439.7 | 443.8 | 449.1 | 453.1 | 459.5 |
| 15° | 398.2 | 394.6 | 388.9 | 389.6 | 388.9 | 394.6 | 398.2 | 401.3 | 406.6 | 415.7 | 419.9 |
| 17.5° | 363.0 | 363.0 | 360.4 | 361.1 | 360.4 | 363.0 | 363.0 | 367.3 | 370.0 | 375.8 | 382.3 |
| 20° | 344.9 | 343.3 | 343.5 | 342.7 | 343.5 | 343.3 | 344.9 | 349.9 | 352.7 | 356.8 | 364.0 |
| 22.5° | 332.2 | 330.2 | 328.5 | 327.1 | 328.5 | 330.2 | 332.2 | 333.7 | 337.5 | 341.3 | 347.2 |
| 25° | 310.9 | 309.5 | 307.4 | 306.9 | 307.4 | 309.5 | 310.9 | 313.1 | 315.0 | 320.0 | 323.6 |
| 27.5° | 292.2 | 292.0 | 291.0 | 289.9 | 291.0 | 292.0 | 292.2 | 294.1 | 296.6 | 299.8 | 304.4 |
| 30° | 281.3 | 280.8 | 280.3 | 279.6 | 280.3 | 280.8 | 281.3 | 283.3 | 285.1 | 287.7 | 291.3 |
| 32.5° | 271.6 | 271.2 | 270.7 | 270.8 | 270.7 | 271.2 | 271.6 | 272.5 | 273.7 | 277.0 | 279.8 |
| 35° | 257.6 | 257.4 | 256.9 | 256.7 | 256.9 | 257.4 | 257.6 | 258.6 | 259.3 | 260.2 | 262.7 |
| 37.5° | 244.7 | 245.3 | 245.0 | 244.9 | 245.0 | 245.3 | 244.7 | 244.9 | 244.1 | 245.8 | 247.4 |
| 40° | 235.7 | 235.9 | 236.4 | 236.1 | 236.4 | 235.9 | 235.7 | 235.9 | 235.9 | 235.9 | 237.3 |
| 42.5° | 228.2 | 228.2 | 228.9 | 228.1 | 228.9 | 228.2 | 228.2 | 227.3 | 226.1 | 226.3 | 226.8 |
| 45° | 214.9 | 216.3 | 216.0 | 216.0 | 216.0 | 216.3 | 214.9 | 213.2 | 213.0 | 212.0 | 212.0 |
| 47.5° | 200.3 | 201.6 | 201.9 | 201.8 | 201.9 | 201.6 | 200.3 | 199.7 | 198.5 | 197.6 | 197.5 |
| 50° | 190.8 | 190.3 | 191.0 | 190.8 | 191.0 | 190.3 | 190.8 | 189.6 | 187.8 | 187.8 | 187.3 |
| 52.5° | 179.0 | 179.2 | 179.2 | 178.8 | 179.2 | 179.2 | 179.0 | 178.4 | 177.7 | 176.9 | 176.6 |
| 55° | 161.1 | 161.4 | 160.9 | 161.1 | 160.9 | 161.4 | 161.1 | 160.9 | 160.9 | 160.4 | 160.9 |
| 57.5° | 141.6 | 140.5 | 140.9 | 140.4 | 140.9 | 140.5 | 141.6 | 142.6 | 143.0 | 143.1 | 143.8 |
| 60° | 127.6 | 125.7 | 125.2 | 124.3 | 125.2 | 125.7 | 127.6 | 130.0 | 131.0 | 131.5 | 132.2 |
| 62.5° | 112.0 | 110.6 | 109.0 | 109.8 | 109.0 | 110.6 | 112.0 | 114.5 | 116.6 | 118.3 | 120.0 |
| 65° | 91.1 | 90.1 | 89.4 | 90.4 | 89.4 | 90.1 | 91.1 | 93.0 | 94.9 | 98.7 | 102.3 |
| 67.5° | 75.3 | 74.8 | 74.8 | 74.4 | 74.8 | 74.8 | 75.3 | 76.3 | 77.6 | 79.7 | 83.0 |
| 70° | 67.2 | 66.4 | 66.4 | 65.9 | 66.4 | 66.4 | 67.2 | 67.2 | 68.4 | 69.3 | 71.7 |
| 72.5° | 58.8 | 58.1 | 58.3 | 58.0 | 58.3 | 58.1 | 58.8 | 59.0 | 60.1 | 60.5 | 61.6 |
| 75° | 43.5 | 42.3 | 42.3 | 42.5 | 42.3 | 42.3 | 43.5 | 44.9 | 46.2 | 48.3 | 48.8 |
| 77.5° | 32.4 | 32.2 | 32.5 | 32.1 | 32.5 | 32.2 | 32.4 | 32.4 | 32.7 | 33.7 | 34.5 |
| 80° | 26.6 | 26.3 | 26.1 | 26.8 | 26.1 | 26.3 | 26.6 | 26.6 | 26.8 | 27.0 | 27.3 |
| 82.5° | 20.6 | 20.6 | 20.5 | 21.4 | 20.5 | 20.6 | 20.6 | 21.0 | 21.0 | 20.9 | 21.1 |
| 85° | 12.4 | 11.9 | 12.4 | 11.9 | 12.4 | 11.9 | 12.4 | 12.2 | 12.4 | 12.2 | 12.4 |
| 87.5° | 6.5 | 6.3 | 6.2 | 6.4 | 6.2 | 6.3 | 6.5 | 6.1 | 6.0 | 6.3 | 6.0 |
| 90° | 10.2 | 10.4 | 10.5 | 10.7 | 10.5 | 10.4 | 10.2 | 10.1 | 9.8 | 9.3 | 8.8 |
| 92.5° | 9.8 | 9.8 | 9.8 | 9.9 | 9.8 | 9.8 | 9.8 | 9.7 | 9.5 | 9.0 | 8.5 |
| 95° | 10.1 | 10.2 | 10.3 | 10.3 | 10.3 | 10.2 | 10.1 | 10.0 | 9.8 | 9.3 | 8.8 |
| 97.5° | 9.8 | 9.8 | 9.9 | 10.0 | 9.9 | 9.8 | 9.8 | 9.7 | 9.6 | 9.6 | 9.5 |
| 100° | 9.8 | 9.8 | 9.9 | 10.0 | 9.9 | 9.8 | 9.8 | 9.7 | 10.3 | 11.6 | 13.0 |
| 102.5° | 10.2 | 10.2 | 10.3 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 17.5 | 32.0 | 46.6 |
| 105° | 110.3 | 107.4 | 104.5 | 101.7 | 104.5 | 107.4 | 110.3 | 113.1 | 114.2 | 113.5 | 112.8 |
| 107.5° | 140.9 | 141.2 | 141.5 | 141.8 | 141.5 | 141.2 | 140.9 | 140.6 | 140.3 | 139.9 | 139.6 |
| 110° | 158.4 | 158.8 | 159.0 | 159.2 | 159.0 | 158.8 | 158.4 | 158.2 | 158.0 | 157.8 | 157.7 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 175.7 | 176.0 | 176.3 | 176.6 | 176.3 | 176.0 | 175.7 | 175.4 | 175.2 | 175.3 | 175.3 |
| 115° | 202.0 | 202.0 | 202.0 | 202.0 | 202.0 | 202.0 | 202.0 | 202.0 | 202.0 | 201.8 | 201.6 |
| 117.5° | 227.9 | 227.9 | 227.9 | 227.8 | 227.9 | 227.9 | 227.9 | 227.9 | 228.0 | 228.0 | 228.0 |
| 120° | 244.6 | 244.4 | 244.3 | 244.1 | 244.3 | 244.4 | 244.6 | 244.8 | 244.8 | 244.6 | 244.4 |
| 122.5° | 260.5 | 260.4 | 260.2 | 260.1 | 260.2 | 260.4 | 260.5 | 260.7 | 260.7 | 260.6 | 260.5 |
| 125° | 283.9 | 284.0 | 284.0 | 284.1 | 284.0 | 284.0 | 283.9 | 283.8 | 283.6 | 283.4 | 283.2 |
| 127.5° | 305.4 | 305.3 | 305.2 | 305.2 | 305.2 | 305.3 | 305.4 | 305.4 | 305.5 | 305.5 | 305.6 |
| 130° | 319.4 | 319.4 | 319.4 | 319.4 | 319.4 | 319.4 | 319.4 | 319.4 | 319.4 | 319.3 | 319.2 |
| 132.5° | 332.8 | 332.6 | 332.6 | 332.5 | 332.6 | 332.6 | 332.8 | 332.9 | 332.9 | 332.8 | 332.6 |
| 135° | 351.7 | 351.9 | 352.1 | 352.2 | 352.1 | 351.9 | 351.7 | 351.6 | 351.4 | 351.3 | 351.1 |
| 137.5° | 369.2 | 369.2 | 369.1 | 369.1 | 369.1 | 369.2 | 369.2 | 369.3 | 369.2 | 369.1 | 368.9 |
| 140° | 380.6 | 380.6 | 380.7 | 380.8 | 380.7 | 380.6 | 380.6 | 380.5 | 380.3 | 380.1 | 379.8 |
| 142.5° | 390.5 | 390.5 | 390.5 | 390.5 | 390.5 | 390.5 | 390.5 | 390.4 | 390.3 | 390.2 | 390.0 |
| 145° | 405.0 | 405.2 | 405.3 | 405.5 | 405.3 | 405.2 | 405.0 | 404.8 | 404.7 | 404.7 | 404.6 |
| 147.5° | 417.6 | 417.6 | 417.7 | 417.8 | 417.7 | 417.6 | 417.6 | 417.5 | 417.4 | 417.4 | 417.3 |
| 150° | 425.6 | 425.7 | 425.7 | 425.8 | 425.7 | 425.7 | 425.6 | 425.5 | 425.5 | 425.5 | 425.5 |
| 152.5° | 432.7 | 432.7 | 432.7 | 432.6 | 432.7 | 432.7 | 432.7 | 432.8 | 432.8 | 432.6 | 432.5 |
| 155° | 442.5 | 442.3 | 442.1 | 441.8 | 442.1 | 442.3 | 442.5 | 442.8 | 442.7 | 442.4 | 442.1 |
| 157.5° | 450.8 | 450.4 | 450.0 | 449.6 | 450.0 | 450.4 | 450.8 | 451.2 | 451.2 | 450.8 | 450.4 |
| 160° | 456.2 | 455.7 | 455.1 | 454.6 | 455.1 | 455.7 | 456.2 | 456.6 | 456.6 | 456.2 | 455.7 |
| 162.5° | 460.3 | 459.8 | 459.2 | 458.7 | 459.2 | 459.8 | 460.3 | 460.8 | 460.9 | 460.4 | 459.9 |
| 165° | 466.5 | 465.7 | 465.0 | 464.3 | 465.0 | 465.7 | 466.5 | 467.2 | 467.3 | 466.6 | 466.0 |
| 167.5° | 470.9 | 470.1 | 469.3 | 468.6 | 469.3 | 470.1 | 470.9 | 471.7 | 471.7 | 471.1 | 470.4 |
| 170° | 473.5 | 472.7 | 471.9 | 471.1 | 471.9 | 472.7 | 473.5 | 474.2 | 474.3 | 473.7 | 473.1 |
| 172.5° | 475.1 | 474.2 | 473.4 | 472.5 | 473.4 | 474.2 | 475.1 | 475.9 | 476.1 | 475.4 | 474.8 |
| 175° | 477.2 | 476.3 | 475.2 | 474.3 | 475.2 | 476.3 | 477.2 | 478.2 | 478.3 | 477.6 | 476.9 |
| 177.5° | 477.8 | 477.0 | 476.3 | 475.4 | 476.3 | 477.0 | 477.8 | 478.5 | 478.7 | 478.2 | 477.7 |
| 180° | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5° | 567.3 | 568.8 | 571.8 | 575.2 | 578.1 | 580.6 | 582.5 | 585.2 | 587.6 | 591.1 | 594.3 |
| 5° | 533.0 | 536.3 | 541.1 | 546.8 | 554.0 | 558.8 | 564.7 | 570.1 | 577.6 | 585.3 | 592.7 |
| 7.5° | 502.8 | 506.4 | 513.5 | 521.4 | 529.9 | 537.8 | 544.8 | 554.1 | 564.2 | 575.4 | 587.8 |
| 10° | 483.2 | 487.4 | 495.6 | 504.7 | 514.8 | 522.5 | 532.0 | 543.0 | 554.5 | 568.2 | 583.4 |
| 12.5° | 465.6 | 469.6 | 479.6 | 488.9 | 499.3 | 507.8 | 518.9 | 530.0 | 545.3 | 560.1 | 577.4 |
| 15° | 431.4 | 441.7 | 453.1 | 464.1 | 476.6 | 486.9 | 500.2 | 511.7 | 526.2 | 547.0 | 566.9 |
| 17.5° | 393.3 | 404.2 | 418.6 | 435.6 | 452.2 | 464.9 | 478.5 | 492.7 | 510.1 | 531.3 | 554.2 |
| 20° | 371.1 | 380.0 | 395.8 | 414.7 | 434.0 | 451.7 | 464.1 | 479.9 | 497.9 | 520.8 | 544.4 |
| 22.5° | 354.6 | 362.0 | 374.4 | 393.2 | 414.1 | 434.6 | 450.6 | 466.2 | 485.9 | 509.0 | 534.7 |
| 25° | 329.6 | 337.7 | 348.5 | 361.3 | 385.3 | 407.0 | 427.8 | 445.8 | 466.8 | 489.7 | 518.4 |
| 27.5° | 308.8 | 315.9 | 325.8 | 339.2 | 355.3 | 379.2 | 404.5 | 424.9 | 446.5 | 471.1 | 499.8 |
| 30° | 296.6 | 302.4 | 310.4 | 324.1 | 339.4 | 360.9 | 386.5 | 410.4 | 432.1 | 457.7 | 487.6 |
| 32.5° | 283.8 | 289.9 | 297.8 | 308.6 | 325.1 | 343.2 | 368.7 | 394.9 | 418.0 | 444.1 | 473.4 |
| 35° | 266.7 | 271.6 | 278.7 | 289.6 | 304.5 | 320.2 | 343.0 | 370.0 | 394.4 | 422.3 | 450.3 |
| 37.5° | 249.4 | 255.1 | 260.7 | 270.5 | 282.7 | 299.6 | 318.2 | 345.9 | 372.8 | 398.4 | 425.7 |
| 40° | 239.7 | 243.1 | 249.2 | 257.2 | 270.0 | 285.1 | 302.6 | 329.6 | 356.6 | 381.9 | 409.4 |
| 42.5° | 228.8 | 232.6 | 237.8 | 245.7 | 257.2 | 272.0 | 289.0 | 312.4 | 340.5 | 365.1 | 390.1 |
| 45° | 213.7 | 215.8 | 221.1 | 227.7 | 237.3 | 252.2 | 267.9 | 288.7 | 315.3 | 338.7 | 360.6 |
| 47.5° | 198.3 | 200.3 | 203.5 | 209.6 | 220.4 | 232.3 | 247.0 | 265.7 | 288.9 | 312.4 | 330.9 |
| 50° | 187.8 | 189.6 | 192.7 | 198.3 | 207.9 | 219.6 | 234.2 | 251.0 | 271.8 | 294.2 | 309.7 |
| 52.5° | 177.3 | 178.2 | 181.2 | 187.6 | 195.7 | 207.2 | 220.3 | 235.7 | 255.1 | 273.8 | 289.5 |
| 55° | 160.6 | 162.8 | 164.7 | 169.5 | 177.1 | 188.1 | 199.9 | 214.4 | 229.4 | 245.2 | 258.6 |
| 57.5° | 143.2 | 145.5 | 148.2 | 152.5 | 158.5 | 168.7 | 179.3 | 191.1 | 204.0 | 217.0 | 228.3 |
| 60° | 131.7 | 133.8 | 136.2 | 141.0 | 146.5 | 154.6 | 166.1 | 176.4 | 186.2 | 198.1 | 209.3 |
| 62.5° | 120.4 | 122.6 | 125.3 | 129.2 | 134.4 | 142.2 | 151.8 | 160.7 | 170.9 | 181.3 | 189.7 |
| 65° | 103.7 | 105.4 | 107.6 | 111.2 | 116.1 | 123.1 | 131.0 | 137.9 | 147.0 | 154.6 | 162.3 |
| 67.5° | 85.4 | 88.7 | 91.4 | 94.3 | 98.6 | 105.0 | 110.8 | 117.4 | 123.6 | 129.3 | 136.2 |
| 70° | 73.4 | 77.0 | 79.6 | 82.7 | 86.7 | 92.3 | 97.8 | 102.3 | 107.3 | 112.8 | 119.1 |
| 72.5° | 63.2 | 66.0 | 68.2 | 71.4 | 75.1 | 80.2 | 85.3 | 89.1 | 93.2 | 96.9 | 103.0 |
| 75° | 50.0 | 51.1 | 52.6 | 55.2 | 58.6 | 62.4 | 66.4 | 69.8 | 72.2 | 75.5 | 79.8 |
| 77.5° | 35.9 | 38.2 | 39.2 | 41.0 | 43.4 | 45.7 | 48.5 | 51.3 | 53.6 | 54.7 | 58.1 |
| 80° | 27.5 | 28.5 | 29.4 | 32.0 | 33.4 | 35.9 | 37.8 | 40.4 | 41.3 | 42.5 | 45.6 |
| 82.5° | 21.4 | 21.9 | 22.5 | 23.2 | 24.1 | 26.5 | 28.4 | 30.1 | 31.0 | 31.4 | 33.8 |
| 85° | 12.4 | 12.6 | 12.9 | 13.1 | 13.4 | 13.4 | 14.3 | 15.6 | 17.2 | 17.2 | 18.0 |
| 87.5° | 5.9 | 6.0 | 5.9 | 5.6 | 5.8 | 5.7 | 5.7 | 5.6 | 6.0 | 6.4 | 6.7 |
| 90° | 8.3 | 7.9 | 7.2 | 6.6 | 6.0 | 5.4 | 4.5 | 3.7 | 2.8 | 1.9 | 1.1 |
| 92.5° | 8.1 | 7.6 | 7.0 | 6.3 | 5.7 | 5.0 | 4.6 | 4.6 | 4.5 | 4.5 | 4.5 |
| 95° | 8.3 | 7.9 | 7.8 | 7.7 | 7.6 | 7.6 | 8.9 | 11.5 | 14.2 | 17.0 | 19.6 |
| 97.5° | 9.5 | 9.4 | 18.3 | 27.2 | 36.0 | 44.8 | 48.4 | 46.8 | 45.0 | 43.3 | 41.7 |
| 100° | 14.3 | 15.8 | 26.7 | 37.6 | 48.6 | 59.5 | 64.2 | 62.8 | 61.4 | 60.0 | 58.6 |
| 102.5° | 61.1 | 75.6 | 77.1 | 78.6 | 80.0 | 81.4 | 81.6 | 80.5 | 79.5 | 78.5 | 77.4 |
| 105° | 112.1 | 111.4 | 111.0 | 110.6 | 110.2 | 109.8 | 109.4 | 108.9 | 108.4 | 107.9 | 107.4 |
| 107.5° | 139.2 | 138.9 | 138.3 | 137.7 | 137.2 | 136.6 | 136.3 | 136.0 | 135.8 | 135.5 | 135.3 |
| 110° | 157.5 | 157.4 | 156.9 | 156.4 | 155.9 | 155.5 | 155.1 | 154.9 | 154.6 | 154.4 | 154.2 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 175.3 | 175.4 | 175.1 | 174.9 | 174.7 | 174.5 | 174.2 | 173.7 | 173.3 | 172.9 | 172.5 |
| 115° | 201.5 | 201.3 | 201.4 | 201.5 | 201.6 | 201.6 | 201.6 | 201.3 | 201.1 | 200.9 | 200.6 |
| 117.5° | 228.1 | 228.1 | 227.9 | 227.8 | 227.6 | 227.4 | 227.2 | 226.9 | 226.5 | 226.2 | 225.9 |
| 120° | 244.3 | 244.1 | 244.2 | 244.3 | 244.4 | 244.4 | 244.3 | 244.0 | 243.7 | 243.4 | 243.1 |
| 122.5° | 260.4 | 260.4 | 260.2 | 260.1 | 260.0 | 259.9 | 259.8 | 259.6 | 259.4 | 259.2 | 259.0 |
| 125° | 282.9 | 282.7 | 282.9 | 283.0 | 283.2 | 283.3 | 283.3 | 282.9 | 282.6 | 282.3 | 282.0 |
| 127.5° | 305.6 | 305.7 | 305.3 | 304.9 | 304.6 | 304.2 | 304.0 | 303.9 | 303.8 | 303.8 | 303.7 |
| 130° | 319.1 | 319.1 | 318.8 | 318.6 | 318.3 | 318.1 | 318.0 | 317.9 | 317.8 | 317.7 | 317.6 |
| 132.5° | 332.5 | 332.4 | 332.1 | 331.8 | 331.5 | 331.2 | 331.0 | 330.9 | 330.7 | 330.6 | 330.5 |
| 135° | 351.0 | 350.8 | 350.5 | 350.2 | 349.9 | 349.5 | 349.4 | 349.5 | 349.6 | 349.7 | 349.7 |
| 137.5° | 368.7 | 368.5 | 368.2 | 367.8 | 367.5 | 367.2 | 367.0 | 366.9 | 366.9 | 366.9 | 366.8 |
| 140° | 379.6 | 379.4 | 379.2 | 379.1 | 378.9 | 378.7 | 378.6 | 378.4 | 378.3 | 378.1 | 378.0 |
| 142.5° | 389.8 | 389.7 | 389.6 | 389.5 | 389.4 | 389.3 | 389.1 | 388.8 | 388.5 | 388.2 | 388.0 |
| 145° | 404.5 | 404.3 | 404.3 | 404.3 | 404.3 | 404.3 | 404.2 | 404.0 | 403.7 | 403.5 | 403.3 |
| 147.5° | 417.2 | 417.2 | 417.2 | 417.3 | 417.4 | 417.5 | 417.3 | 416.9 | 416.4 | 416.0 | 415.5 |
| 150° | 425.5 | 425.5 | 425.5 | 425.6 | 425.7 | 425.8 | 425.7 | 425.4 | 425.0 | 424.6 | 424.3 |
| 152.5° | 432.4 | 432.3 | 432.4 | 432.5 | 432.7 | 432.8 | 432.8 | 432.5 | 432.3 | 432.0 | 431.8 |
| 155° | 441.8 | 441.5 | 441.7 | 441.9 | 442.2 | 442.4 | 442.5 | 442.4 | 442.3 | 442.3 | 442.2 |
| 157.5° | 450.0 | 449.6 | 449.8 | 450.1 | 450.4 | 450.6 | 450.8 | 450.8 | 450.9 | 450.9 | 451.0 |
| 160° | 455.1 | 454.6 | 454.7 | 454.8 | 454.9 | 455.0 | 455.1 | 455.4 | 455.7 | 455.9 | 456.2 |
| 162.5° | 459.5 | 459.0 | 459.1 | 459.1 | 459.2 | 459.3 | 459.5 | 459.8 | 460.1 | 460.4 | 460.7 |
| 165° | 465.3 | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 | 464.8 | 465.2 | 465.6 | 466.1 | 466.5 |
| 167.5° | 469.7 | 469.0 | 469.0 | 469.1 | 469.1 | 469.2 | 469.4 | 469.8 | 470.2 | 470.6 | 471.0 |
| 170° | 472.4 | 471.8 | 471.7 | 471.7 | 471.6 | 471.5 | 471.7 | 472.2 | 472.6 | 473.1 | 473.6 |
| 172.5° | 474.1 | 473.5 | 473.4 | 473.4 | 473.3 | 473.2 | 473.4 | 473.9 | 474.3 | 474.8 | 475.3 |
| 175° | 476.2 | 475.3 | 475.3 | 475.2 | 475.1 | 475.0 | 475.2 | 475.7 | 476.3 | 476.7 | 477.2 |
| 177.5° | 477.2 | 476.6 | 476.5 | 476.4 | 476.3 | 476.1 | 476.3 | 476.7 | 477.2 | 477.6 | 478.1 |
| 180° | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5° | 596.8 | 598.5 | 600.5 | 604.1 | 607.1 | 608.5 | 611.2 | 613.1 | 612.5 | 615.2 | 619.8 |
| 5° | 599.2 | 605.6 | 613.1 | 620.7 | 629.2 | 636.4 | 642.2 | 647.9 | 652.5 | 657.9 | 666.1 |
| 7.5° | 598.7 | 610.3 | 622.8 | 636.4 | 650.6 | 662.8 | 674.0 | 685.5 | 695.7 | 706.8 | 721.4 |
| 10° | 597.2 | 612.6 | 628.1 | 646.0 | 664.0 | 681.0 | 696.2 | 710.5 | 724.2 | 738.7 | 757.2 |
| 12.5° | 595.5 | 613.1 | 631.9 | 653.5 | 675.8 | 696.2 | 714.2 | 734.9 | 751.9 | 770.7 | 791.9 |
| 15° | 587.9 | 611.6 | 637.2 | 665.1 | 692.0 | 719.4 | 744.0 | 769.3 | 793.0 | 815.5 | 842.2 |
| 17.5° | 579.3 | 606.5 | 636.7 | 669.7 | 701.9 | 735.3 | 764.6 | 796.5 | 820.6 | 850.8 | 875.7 |
| 20° | 572.2 | 601.6 | 633.8 | 670.9 | 707.4 | 744.5 | 776.8 | 809.3 | 836.5 | 866.9 | 898.4 |
| 22.5° | 563.6 | 595.8 | 630.8 | 669.1 | 707.4 | 747.9 | 783.7 | 816.0 | 849.7 | 883.8 | 916.4 |
| 25° | 549.7 | 583.2 | 620.3 | 662.3 | 706.3 | 747.6 | 785.9 | 826.0 | 862.3 | 899.4 | 928.6 |
| 27.5° | 532.7 | 567.8 | 606.8 | 650.3 | 695.4 | 737.7 | 782.7 | 825.6 | 862.1 | 897.8 | 923.2 |
| 30° | 519.1 | 556.1 | 593.7 | 637.6 | 684.5 | 729.9 | 778.2 | 821.0 | 859.5 | 891.5 | 905.8 |
| 32.5° | 505.1 | 540.3 | 579.0 | 623.5 | 671.5 | 720.3 | 768.2 | 812.0 | 847.6 | 866.8 | 867.2 |
| 35° | 480.9 | 513.8 | 554.0 | 597.7 | 647.0 | 700.0 | 748.5 | 791.5 | 813.3 | 815.0 | 791.5 |
| 37.5° | 454.4 | 484.6 | 522.5 | 566.3 | 620.3 | 673.1 | 722.6 | 751.2 | 758.5 | 734.2 | 690.9 |
| 40° | 435.5 | 463.4 | 500.0 | 544.9 | 598.4 | 653.0 | 698.1 | 719.1 | 711.6 | 672.1 | 623.8 |
| 42.5° | 415.6 | 441.6 | 476.9 | 521.2 | 574.9 | 630.1 | 668.5 | 679.7 | 659.5 | 614.0 | 557.4 |
| 45° | 383.1 | 407.0 | 441.9 | 486.7 | 538.3 | 589.9 | 619.0 | 613.3 | 579.6 | 525.5 | 462.2 |
| 47.5° | 349.3 | 372.4 | 403.8 | 445.1 | 498.1 | 542.6 | 562.3 | 545.0 | 497.1 | 437.7 | 386.2 |
| 50° | 327.0 | 350.6 | 379.5 | 419.0 | 467.3 | 510.3 | 522.9 | 496.7 | 443.3 | 386.3 | 338.9 |
| 52.5° | 305.0 | 325.2 | 353.6 | 391.6 | 437.8 | 474.1 | 480.9 | 450.6 | 395.6 | 344.4 | 302.4 |
| 55° | 271.6 | 289.9 | 313.8 | 349.6 | 389.6 | 420.4 | 416.8 | 377.9 | 327.9 | 284.2 | 251.2 |
| 57.5° | 239.1 | 253.0 | 275.1 | 308.7 | 343.8 | 364.5 | 351.3 | 318.1 | 271.6 | 235.7 | 207.9 |
| 60° | 217.7 | 230.7 | 251.2 | 280.5 | 311.4 | 323.2 | 312.1 | 276.1 | 239.2 | 206.5 | 183.1 |
| 62.5° | 197.4 | 208.8 | 226.5 | 253.8 | 278.7 | 285.7 | 273.9 | 242.4 | 209.2 | 181.3 | 161.9 |
| 65° | 168.0 | 178.5 | 193.6 | 213.0 | 230.1 | 233.5 | 225.9 | 193.6 | 168.5 | 145.1 | 131.7 |
| 67.5° | 141.3 | 148.1 | 160.0 | 176.6 | 185.8 | 187.7 | 173.0 | 152.7 | 130.6 | 116.2 | 106.1 |
| 70° | 123.3 | 128.2 | 139.1 | 148.1 | 155.6 | 155.8 | 142.2 | 125.9 | 109.0 | 97.3 | 89.9 |
| 72.5° | 105.9 | 110.5 | 118.9 | 125.0 | 130.8 | 128.9 | 116.4 | 103.6 | 89.9 | 81.0 | 75.5 |
| 75° | 81.7 | 85.8 | 90.1 | 93.0 | 93.0 | 90.6 | 81.5 | 71.9 | 64.0 | 58.8 | 57.2 |
| 77.5° | 59.4 | 62.7 | 64.2 | 63.7 | 62.9 | 59.2 | 53.4 | 47.2 | 44.3 | 41.9 | 40.6 |
| 80° | 46.7 | 48.1 | 48.5 | 47.4 | 45.8 | 41.6 | 37.8 | 35.1 | 32.5 | 31.5 | 31.1 |
| 82.5° | 34.5 | 35.9 | 34.5 | 34.9 | 31.7 | 28.2 | 26.1 | 25.1 | 24.1 | 23.7 | 23.2 |
| 85° | 18.4 | 18.2 | 17.7 | 16.5 | 14.3 | 13.8 | 13.6 | 13.4 | 12.9 | 13.1 | 12.6 |
| 87.5° | 6.7 | 6.3 | 5.8 | 5.7 | 5.9 | 5.6 | 5.9 | 6.1 | 6.2 | 6.1 | 6.6 |
| 90° | 1.9 | 2.8 | 3.7 | 4.5 | 5.4 | 6.0 | 6.6 | 7.2 | 7.9 | 8.3 | 8.8 |
| 92.5° | 4.5 | 4.5 | 4.6 | 4.6 | 5.0 | 5.7 | 6.3 | 7.0 | 7.6 | 8.1 | 8.5 |
| 95° | 17.0 | 14.2 | 11.5 | 8.9 | 7.6 | 7.6 | 7.7 | 7.8 | 7.9 | 8.3 | 8.8 |
| 97.5° | 43.3 | 45.0 | 46.8 | 48.4 | 44.8 | 36.0 | 27.2 | 18.3 | 9.4 | 9.5 | 9.5 |
| 100° | 60.0 | 61.4 | 62.8 | 64.2 | 59.5 | 48.6 | 37.6 | 26.7 | 15.8 | 14.3 | 13.0 |
| 102.5° | 78.5 | 79.5 | 80.5 | 81.6 | 81.4 | 80.0 | 78.6 | 77.1 | 75.6 | 61.1 | 46.6 |
| 105° | 107.9 | 108.4 | 108.9 | 109.4 | 109.8 | 110.2 | 110.6 | 111.0 | 111.4 | 112.1 | 112.8 |
| 107.5° | 135.5 | 135.8 | 136.0 | 136.3 | 136.6 | 137.2 | 137.7 | 138.3 | 138.9 | 139.2 | 139.6 |
| 110° | 154.4 | 154.6 | 154.9 | 155.1 | 155.5 | 155.9 | 156.4 | 156.9 | 157.4 | 157.5 | 157.7 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 172.9 | 173.3 | 173.7 | 174.2 | 174.5 | 174.7 | 174.9 | 175.1 | 175.4 | 175.3 | 175.3 |
| 115° | 200.9 | 201.1 | 201.3 | 201.6 | 201.6 | 201.6 | 201.5 | 201.4 | 201.3 | 201.5 | 201.6 |
| 117.5° | 226.2 | 226.5 | 226.9 | 227.2 | 227.4 | 227.6 | 227.8 | 227.9 | 228.1 | 228.1 | 228.0 |
| 120° | 243.4 | 243.7 | 244.0 | 244.3 | 244.4 | 244.4 | 244.3 | 244.2 | 244.1 | 244.3 | 244.4 |
| 122.5° | 259.2 | 259.4 | 259.6 | 259.8 | 259.9 | 260.0 | 260.1 | 260.2 | 260.4 | 260.4 | 260.5 |
| 125° | 282.3 | 282.6 | 282.9 | 283.3 | 283.3 | 283.2 | 283.0 | 282.9 | 282.7 | 282.9 | 283.2 |
| 127.5° | 303.8 | 303.8 | 303.9 | 304.0 | 304.2 | 304.6 | 304.9 | 305.3 | 305.7 | 305.6 | 305.6 |
| 130° | 317.7 | 317.8 | 317.9 | 318.0 | 318.1 | 318.3 | 318.6 | 318.8 | 319.1 | 319.1 | 319.2 |
| 132.5° | 330.6 | 330.7 | 330.9 | 331.0 | 331.2 | 331.5 | 331.8 | 332.1 | 332.4 | 332.5 | 332.6 |
| 135° | 349.7 | 349.6 | 349.5 | 349.4 | 349.5 | 349.9 | 350.2 | 350.5 | 350.8 | 351.0 | 351.1 |
| 137.5° | 366.9 | 366.9 | 366.9 | 367.0 | 367.2 | 367.5 | 367.8 | 368.2 | 368.5 | 368.7 | 368.9 |
| 140° | 378.1 | 378.3 | 378.4 | 378.6 | 378.7 | 378.9 | 379.1 | 379.2 | 379.4 | 379.6 | 379.8 |
| 142.5° | 388.2 | 388.5 | 388.8 | 389.1 | 389.3 | 389.4 | 389.5 | 389.6 | 389.7 | 389.8 | 390.0 |
| 145° | 403.5 | 403.7 | 404.0 | 404.2 | 404.3 | 404.3 | 404.3 | 404.3 | 404.3 | 404.5 | 404.6 |
| 147.5° | 416.0 | 416.4 | 416.9 | 417.3 | 417.5 | 417.4 | 417.3 | 417.2 | 417.2 | 417.2 | 417.3 |
| 150° | 424.6 | 425.0 | 425.4 | 425.7 | 425.8 | 425.7 | 425.6 | 425.5 | 425.5 | 425.5 | 425.5 |
| 152.5° | 432.0 | 432.3 | 432.5 | 432.8 | 432.8 | 432.7 | 432.5 | 432.4 | 432.3 | 432.4 | 432.5 |
| 155° | 442.3 | 442.3 | 442.4 | 442.5 | 442.4 | 442.2 | 441.9 | 441.7 | 441.5 | 441.8 | 442.1 |
| 157.5° | 450.9 | 450.9 | 450.8 | 450.8 | 450.6 | 450.4 | 450.1 | 449.8 | 449.6 | 450.0 | 450.4 |
| 160° | 455.9 | 455.7 | 455.4 | 455.1 | 455.0 | 454.9 | 454.8 | 454.7 | 454.6 | 455.1 | 455.7 |
| 162.5° | 460.4 | 460.1 | 459.8 | 459.5 | 459.3 | 459.2 | 459.1 | 459.1 | 459.0 | 459.5 | 459.9 |
| 165° | 466.1 | 465.6 | 465.2 | 464.8 | 464.6 | 464.6 | 464.6 | 464.6 | 464.6 | 465.3 | 466.0 |
| 167.5° | 470.6 | 470.2 | 469.8 | 469.4 | 469.2 | 469.1 | 469.1 | 469.0 | 469.0 | 469.7 | 470.4 |
| 170° | 473.1 | 472.6 | 472.2 | 471.7 | 471.5 | 471.6 | 471.7 | 471.7 | 471.8 | 472.4 | 473.1 |
| 172.5° | 474.8 | 474.3 | 473.9 | 473.4 | 473.2 | 473.3 | 473.4 | 473.4 | 473.5 | 474.1 | 474.8 |
| 175° | 476.7 | 476.3 | 475.7 | 475.2 | 475.0 | 475.1 | 475.2 | 475.3 | 475.3 | 476.2 | 476.9 |
| 177.5° | 477.6 | 477.2 | 476.7 | 476.3 | 476.1 | 476.3 | 476.4 | 476.5 | 476.6 | 477.2 | 477.7 |
| 180° | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 | 593.2 |
| 2.5° | 622.3 | 623.0 | 623.6 | 625.5 | 625.7 | 627.4 | 625.7 |
| 5° | 673.8 | 677.1 | 682.4 | 687.6 | 688.1 | 691.5 | 685.5 |
| 7.5° | 731.4 | 739.2 | 744.1 | 752.6 | 755.9 | 758.0 | 754.6 |
| 10° | 771.2 | 778.4 | 791.1 | 797.3 | 803.5 | 804.5 | 801.6 |
| 12.5° | 809.7 | 821.0 | 831.0 | 842.8 | 842.5 | 850.9 | 847.9 |
| 15° | 860.9 | 872.6 | 886.5 | 899.6 | 904.3 | 904.3 | 908.2 |
| 17.5° | 897.4 | 918.9 | 933.2 | 943.5 | 954.8 | 956.7 | 955.4 |
| 20° | 922.1 | 945.2 | 960.6 | 973.9 | 981.6 | 983.7 | 983.7 |
| 22.5° | 940.4 | 960.2 | 975.1 | 987.1 | 993.4 | 995.9 | 995.2 |
| 25° | 953.1 | 970.1 | 979.2 | 982.8 | 984.4 | 984.0 | 979.5 |
| 27.5° | 935.7 | 934.9 | 929.3 | 918.3 | 910.0 | 904.9 | 899.2 |
| 30° | 902.5 | 890.0 | 875.7 | 859.9 | 839.6 | 824.0 | 819.3 |
| 32.5° | 852.9 | 825.1 | 800.7 | 774.5 | 752.7 | 737.1 | 730.5 |
| 35° | 757.2 | 713.0 | 676.8 | 645.3 | 622.4 | 608.0 | 603.2 |
| 37.5° | 643.5 | 600.7 | 556.0 | 525.4 | 506.3 | 491.9 | 486.6 |
| 40° | 571.2 | 524.6 | 485.6 | 457.0 | 437.4 | 423.2 | 423.0 |
| 42.5° | 505.2 | 460.7 | 424.0 | 403.4 | 382.3 | 372.9 | 372.9 |
| 45° | 413.7 | 378.1 | 347.0 | 330.7 | 318.1 | 310.4 | 308.3 |
| 47.5° | 342.5 | 313.1 | 292.4 | 279.4 | 269.1 | 264.3 | 261.1 |
| 50° | 302.6 | 276.8 | 260.2 | 249.0 | 243.3 | 237.1 | 236.6 |
| 52.5° | 269.3 | 248.4 | 235.6 | 226.5 | 219.2 | 215.5 | 215.6 |
| 55° | 226.3 | 209.8 | 200.8 | 193.8 | 188.1 | 185.2 | 184.0 |
| 57.5° | 190.7 | 178.3 | 171.7 | 165.3 | 162.9 | 160.7 | 160.1 |
| 60° | 168.5 | 160.2 | 153.9 | 148.9 | 145.3 | 144.6 | 144.3 |
| 62.5° | 150.2 | 141.4 | 137.1 | 133.2 | 130.6 | 129.5 | 129.1 |
| 65° | 123.8 | 117.3 | 113.5 | 110.4 | 109.5 | 107.8 | 107.6 |
| 67.5° | 99.8 | 95.9 | 93.4 | 91.3 | 90.0 | 89.9 | 89.9 |
| 70° | 85.1 | 82.9 | 80.8 | 79.6 | 78.9 | 78.4 | 78.4 |
| 72.5° | 72.5 | 70.9 | 69.1 | 68.5 | 68.4 | 67.9 | 67.7 |
| 75° | 55.2 | 53.5 | 53.8 | 52.6 | 51.6 | 50.4 | 49.7 |
| 77.5° | 39.2 | 38.0 | 37.7 | 37.6 | 36.8 | 36.7 | 37.0 |
| 80° | 30.4 | 29.2 | 28.9 | 29.2 | 28.9 | 28.2 | 28.2 |
| 82.5° | 23.1 | 22.1 | 21.8 | 21.7 | 21.5 | 21.7 | 21.3 |
| 85° | 12.4 | 11.9 | 11.9 | 11.9 | 12.4 | 12.2 | 11.9 |
| 87.5° | 6.3 | 6.2 | 6.4 | 6.3 | 6.3 | 6.2 | 6.4 |
| 90° | 9.3 | 9.8 | 10.1 | 10.2 | 10.4 | 10.5 | 10.7 |
| 92.5° | 9.0 | 9.5 | 9.7 | 9.8 | 9.8 | 9.8 | 9.9 |
| 95° | 9.3 | 9.8 | 10.0 | 10.1 | 10.2 | 10.3 | 10.3 |
| 97.5° | 9.6 | 9.6 | 9.7 | 9.8 | 9.8 | 9.9 | 10.0 |
| 100° | 11.6 | 10.3 | 9.7 | 9.8 | 9.8 | 9.9 | 10.0 |
| 102.5° | 32.0 | 17.5 | 10.2 | 10.2 | 10.2 | 10.3 | 10.3 |
| 105° | 113.5 | 114.2 | 113.1 | 110.3 | 107.4 | 104.5 | 101.7 |
| 107.5° | 139.9 | 140.3 | 140.6 | 140.9 | 141.2 | 141.5 | 141.8 |
| 110° | 157.8 | 158.0 | 158.2 | 158.4 | 158.8 | 159.0 | 159.2 |



TEST NUMBER: P332865-840

CATALOG NUMBER: SA4XXRDIP-C350D365U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 175.3 | 175.2 | 175.4 | 175.7 | 176.0 | 176.3 | 176.6 |
| 115° | 201.8 | 202.0 | 202.0 | 202.0 | 202.0 | 202.0 | 202.0 |
| 117.5° | 228.0 | 228.0 | 227.9 | 227.9 | 227.9 | 227.9 | 227.8 |
| 120° | 244.6 | 244.8 | 244.8 | 244.6 | 244.4 | 244.3 | 244.1 |
| 122.5° | 260.6 | 260.7 | 260.7 | 260.5 | 260.4 | 260.2 | 260.1 |
| 125° | 283.4 | 283.6 | 283.8 | 283.9 | 284.0 | 284.0 | 284.1 |
| 127.5° | 305.5 | 305.5 | 305.4 | 305.4 | 305.3 | 305.2 | 305.2 |
| 130° | 319.3 | 319.4 | 319.4 | 319.4 | 319.4 | 319.4 | 319.4 |
| 132.5° | 332.8 | 332.9 | 332.9 | 332.8 | 332.6 | 332.6 | 332.5 |
| 135° | 351.3 | 351.4 | 351.6 | 351.7 | 351.9 | 352.1 | 352.2 |
| 137.5° | 369.1 | 369.2 | 369.3 | 369.2 | 369.2 | 369.1 | 369.1 |
| 140° | 380.1 | 380.3 | 380.5 | 380.6 | 380.6 | 380.7 | 380.8 |
| 142.5° | 390.2 | 390.3 | 390.4 | 390.5 | 390.5 | 390.5 | 390.5 |
| 145° | 404.7 | 404.7 | 404.8 | 405.0 | 405.2 | 405.3 | 405.5 |
| 147.5° | 417.4 | 417.4 | 417.5 | 417.6 | 417.6 | 417.7 | 417.8 |
| 150° | 425.5 | 425.5 | 425.5 | 425.6 | 425.7 | 425.7 | 425.8 |
| 152.5° | 432.6 | 432.8 | 432.8 | 432.7 | 432.7 | 432.7 | 432.6 |
| 155° | 442.4 | 442.7 | 442.8 | 442.5 | 442.3 | 442.1 | 441.8 |
| 157.5° | 450.8 | 451.2 | 451.2 | 450.8 | 450.4 | 450.0 | 449.6 |
| 160° | 456.2 | 456.6 | 456.6 | 456.2 | 455.7 | 455.1 | 454.6 |
| 162.5° | 460.4 | 460.9 | 460.8 | 460.3 | 459.8 | 459.2 | 458.7 |
| 165° | 466.6 | 467.3 | 467.2 | 466.5 | 465.7 | 465.0 | 464.3 |
| 167.5° | 471.1 | 471.7 | 471.7 | 470.9 | 470.1 | 469.3 | 468.6 |
| 170° | 473.7 | 474.3 | 474.2 | 473.5 | 472.7 | 471.9 | 471.1 |
| 172.5° | 475.4 | 476.1 | 475.9 | 475.1 | 474.2 | 473.4 | 472.5 |
| 175° | 477.6 | 478.3 | 478.2 | 477.2 | 476.3 | 475.2 | 474.3 |
| 177.5° | 478.2 | 478.7 | 478.5 | 477.8 | 477.0 | 476.3 | 475.4 |
| 180° | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 | 477.2 |

(END OF REPORT)