

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: P332879-940

Luminaire Tested: **SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332879-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-18,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 350 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 810 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

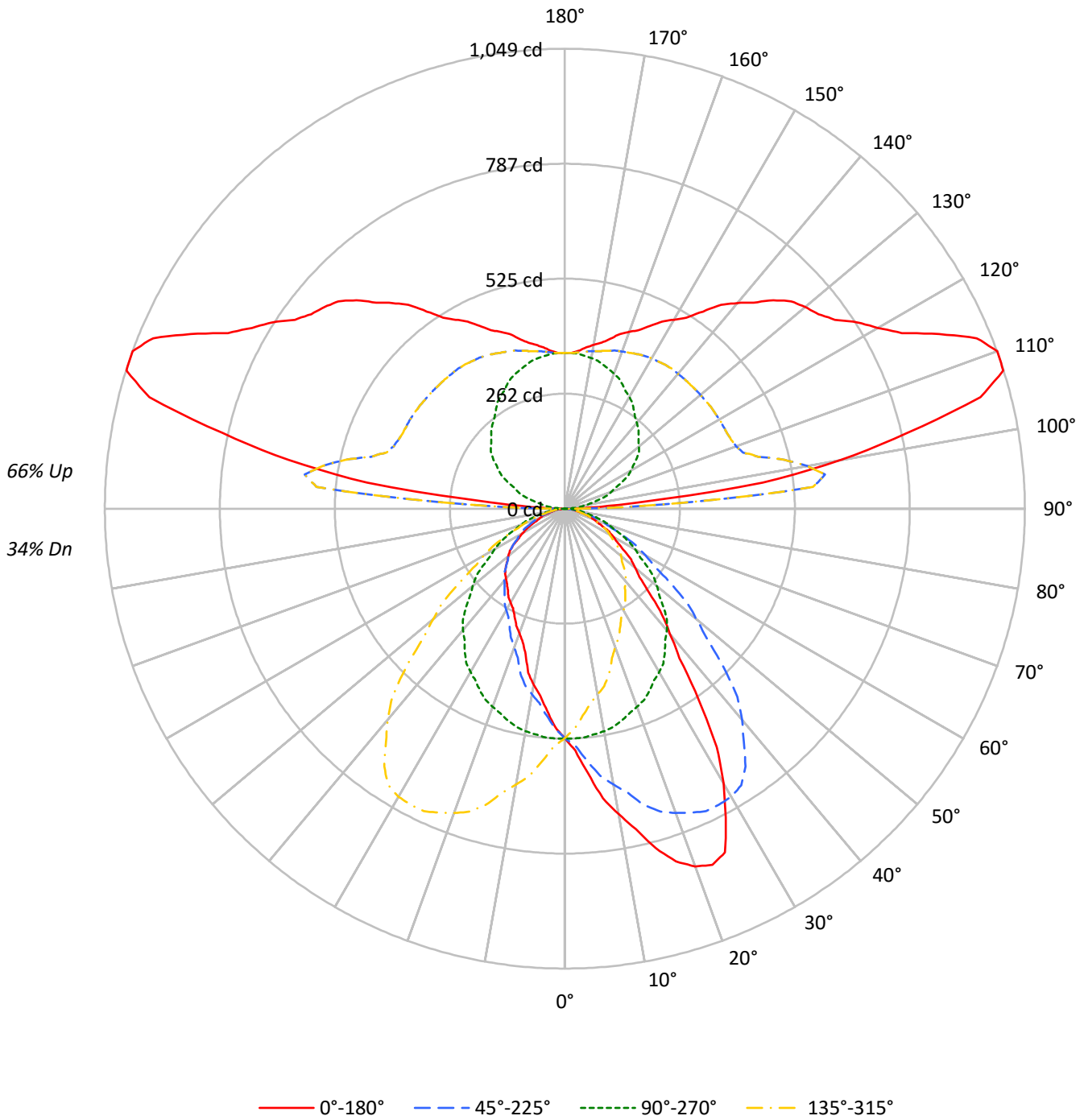
Lumens per Lamp: N/A
Luminaire Lumens: 3907.1 lumens
Efficiency: N/A
Efficacy: 125.2 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: Semi-Indirect

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: P332879-940
CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 103 | 103 | 103 | 103 | 93 | 93 | 93 | 93 | 74 | 74 | 74 | 57 | 57 | 57 | 41 | 41 | 41 | 34 | | | | |
| 1 | 95 | 90 | 87 | 83 | 85 | 82 | 79 | 76 | 66 | 63 | 62 | 51 | 49 | 48 | 37 | 36 | 36 | 29 | | | | |
| 2 | 86 | 79 | 73 | 69 | 78 | 72 | 67 | 63 | 58 | 54 | 51 | 45 | 43 | 41 | 33 | 32 | 30 | 25 | | | | |
| 3 | 79 | 70 | 63 | 57 | 71 | 63 | 57 | 53 | 51 | 47 | 44 | 40 | 37 | 35 | 29 | 28 | 26 | 21 | | | | |
| 4 | 72 | 62 | 54 | 49 | 65 | 56 | 50 | 45 | 46 | 41 | 37 | 36 | 32 | 30 | 26 | 24 | 23 | 19 | | | | |
| 5 | 66 | 55 | 47 | 42 | 60 | 50 | 44 | 39 | 41 | 36 | 32 | 32 | 29 | 26 | 24 | 22 | 20 | 16 | | | | |
| 6 | 61 | 49 | 42 | 36 | 55 | 45 | 38 | 33 | 37 | 32 | 28 | 29 | 26 | 23 | 22 | 19 | 18 | 14 | | | | |
| 7 | 56 | 45 | 37 | 32 | 51 | 41 | 34 | 29 | 33 | 28 | 25 | 26 | 23 | 20 | 20 | 18 | 16 | 13 | | | | |
| 8 | 52 | 40 | 33 | 28 | 47 | 37 | 30 | 26 | 30 | 25 | 22 | 24 | 21 | 18 | 18 | 16 | 14 | 12 | | | | |
| 9 | 49 | 37 | 30 | 25 | 44 | 34 | 27 | 23 | 28 | 23 | 20 | 22 | 19 | 16 | 17 | 15 | 13 | 11 | | | | |
| 10 | 45 | 34 | 27 | 22 | 41 | 31 | 25 | 21 | 26 | 21 | 18 | 20 | 17 | 15 | 16 | 13 | 12 | 10 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|------|------|------|------|
| 0° | 4229 | 4229 | 4229 | 4229 |
| 5° | 4905 | 4241 | 3749 | 4241 |
| 10° | 5802 | 4223 | 3345 | 4223 |
| 15° | 6702 | 4184 | 2875 | 4184 |
| 20° | 7462 | 4130 | 2600 | 4130 |
| 25° | 7704 | 4077 | 2414 | 4077 |
| 30° | 6743 | 4013 | 2302 | 4013 |
| 35° | 5249 | 3918 | 2234 | 3918 |
| 40° | 3936 | 3810 | 2197 | 3810 |
| 45° | 3108 | 3635 | 2177 | 3635 |
| 50° | 2624 | 3435 | 2115 | 3435 |
| 55° | 2287 | 3215 | 2001 | 3215 |
| 60° | 2057 | 2985 | 1773 | 2985 |
| 65° | 1815 | 2737 | 1524 | 2737 |
| 70° | 1633 | 2481 | 1374 | 2481 |
| 75° | 1369 | 2196 | 1170 | 2196 |
| 80° | 1158 | 1874 | 1097 | 1874 |
| 85° | 973 | 1473 | 973 | 1473 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 50.8 | 1.3 |
| 10°-20° | 153.1 | 3.9 |
| 20°-30° | 239.4 | 6.1 |
| 30°-40° | 266.2 | 6.8 |
| 40°-50° | 236.2 | 6.0 |
| 50°-60° | 184.0 | 4.7 |
| 60°-70° | 120.5 | 3.1 |
| 70°-80° | 59.3 | 1.5 |
| 80°-90° | 16.6 | 0.4 |
| 90°-100° | 256.3 | 6.6 |
| 100°-110° | 533.5 | 13.7 |
| 110°-120° | 477.9 | 12.2 |
| 120°-130° | 402.0 | 10.3 |
| 130°-140° | 335.1 | 8.6 |
| 140°-150° | 256.1 | 6.6 |
| 150°-160° | 180.0 | 4.6 |
| 160°-170° | 105.9 | 2.7 |
| 170°-180° | 34.4 | 0.9 |
| 0°-30° | 443.3 | 11.3 |
| 0°-40° | 709.5 | 18.2 |
| 0°-60° | 1129.7 | 28.9 |
| 0°-90° | 1326.0 | 33.9 |
| 90°-120° | 1267.7 | 32.4 |
| 90°-150° | 2260.9 | 57.9 |
| 90°-180° | 2581.0 | 66.1 |
| 0°-180° | 3907.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0° | 524 | 524 | 524 | 524 | 524 | |
| 5° | 605 | 523 | 463 | 523 | 605 | 61 |
| 15° | 802 | 501 | 344 | 501 | 802 | 228 |
| 25° | 865 | 458 | 271 | 458 | 865 | 384 |
| 35° | 533 | 398 | 227 | 398 | 533 | 334 |
| 45° | 272 | 318 | 191 | 318 | 272 | 216 |
| 55° | 162 | 228 | 142 | 228 | 162 | 148 |
| 65° | 95 | 143 | 80 | 143 | 95 | 96 |
| 75° | 44 | 70 | 38 | 70 | 44 | 48 |
| 85° | 10 | 16 | 10 | 16 | 10 | 12 |
| 90° | 15 | 1 | 15 | 1 | 15 | 12 |
| 95° | 170 | 23 | 170 | 23 | 170 | 264 |
| 105° | 981 | 82 | 981 | 82 | 981 | 970 |
| 115° | 942 | 144 | 942 | 144 | 942 | 935 |
| 125° | 752 | 200 | 752 | 200 | 752 | 683 |
| 135° | 672 | 238 | 672 | 238 | 672 | 519 |
| 145° | 549 | 274 | 549 | 274 | 549 | 348 |
| 155° | 460 | 312 | 460 | 312 | 460 | 214 |
| 165° | 401 | 340 | 401 | 340 | 401 | 115 |
| 175° | 361 | 354 | 361 | 354 | 361 | 35 |
| 180° | 355 | 355 | 355 | 355 | 355 | |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 552.5 | 554.0 | 552.5 | 552.3 | 550.6 | 550.1 | 549.5 | 547.2 | 543.2 | 540.8 | 541.4 |
| 5° | 605.3 | 610.6 | 607.6 | 607.2 | 602.5 | 597.9 | 594.9 | 588.2 | 580.9 | 576.1 | 572.1 |
| 7.5° | 666.3 | 669.3 | 667.4 | 664.5 | 657.0 | 652.7 | 645.9 | 637.0 | 624.1 | 614.3 | 605.3 |
| 10° | 707.8 | 710.3 | 709.5 | 704.0 | 698.6 | 687.3 | 681.0 | 668.6 | 652.3 | 639.4 | 627.4 |
| 12.5° | 748.7 | 751.4 | 744.0 | 744.2 | 733.8 | 725.0 | 715.0 | 699.3 | 680.6 | 664.0 | 648.9 |
| 15° | 801.9 | 798.5 | 798.5 | 794.3 | 782.7 | 770.5 | 760.2 | 743.7 | 720.1 | 700.3 | 679.3 |
| 17.5° | 843.6 | 844.8 | 843.1 | 833.1 | 824.0 | 811.4 | 792.4 | 773.2 | 751.3 | 724.6 | 703.3 |
| 20° | 868.6 | 868.6 | 866.7 | 860.0 | 848.2 | 834.6 | 814.2 | 793.3 | 765.4 | 738.6 | 714.6 |
| 22.5° | 878.8 | 879.4 | 877.2 | 871.6 | 861.0 | 847.8 | 830.4 | 809.1 | 780.4 | 750.3 | 720.5 |
| 25° | 864.9 | 868.9 | 869.2 | 867.8 | 864.6 | 856.6 | 841.6 | 819.9 | 794.2 | 761.4 | 729.3 |
| 27.5° | 794.0 | 799.1 | 803.5 | 810.8 | 820.6 | 825.5 | 826.3 | 815.2 | 792.7 | 761.3 | 729.0 |
| 30° | 723.4 | 727.6 | 741.4 | 759.3 | 773.2 | 785.9 | 796.9 | 799.9 | 787.2 | 758.9 | 725.0 |
| 32.5° | 645.1 | 650.9 | 664.6 | 683.9 | 707.0 | 728.5 | 753.1 | 765.7 | 765.4 | 748.4 | 717.0 |
| 35° | 532.6 | 536.9 | 549.6 | 569.8 | 597.6 | 629.5 | 668.6 | 698.9 | 719.6 | 718.2 | 698.9 |
| 37.5° | 429.6 | 434.4 | 447.1 | 464.0 | 491.0 | 530.4 | 568.2 | 610.1 | 648.3 | 669.8 | 663.3 |
| 40° | 373.5 | 373.7 | 386.2 | 403.5 | 428.8 | 463.2 | 504.4 | 550.8 | 593.4 | 628.3 | 635.0 |
| 42.5° | 329.3 | 329.3 | 337.6 | 356.2 | 374.4 | 406.8 | 446.1 | 492.2 | 542.2 | 582.4 | 600.2 |
| 45° | 272.2 | 274.1 | 280.9 | 292.0 | 306.4 | 333.9 | 365.3 | 408.1 | 464.0 | 511.8 | 541.5 |
| 47.5° | 230.5 | 233.4 | 237.6 | 246.7 | 258.2 | 276.4 | 302.5 | 341.0 | 386.5 | 438.9 | 481.3 |
| 50° | 208.9 | 209.4 | 214.8 | 219.9 | 229.8 | 244.4 | 267.2 | 299.3 | 341.1 | 391.5 | 438.5 |
| 52.5° | 190.4 | 190.3 | 193.6 | 200.0 | 208.0 | 219.4 | 237.8 | 267.0 | 304.1 | 349.3 | 397.9 |
| 55° | 162.5 | 163.5 | 166.1 | 171.1 | 177.3 | 185.3 | 199.8 | 221.8 | 250.9 | 289.5 | 333.7 |
| 57.5° | 141.3 | 141.9 | 143.8 | 146.0 | 151.6 | 157.5 | 168.4 | 183.6 | 208.1 | 239.8 | 280.9 |
| 60° | 127.4 | 127.7 | 128.3 | 131.4 | 135.9 | 141.4 | 148.8 | 161.7 | 182.4 | 211.2 | 243.8 |
| 62.5° | 114.0 | 114.3 | 115.3 | 117.6 | 121.1 | 124.8 | 132.6 | 142.9 | 160.1 | 184.8 | 214.0 |
| 65° | 95.0 | 95.1 | 96.7 | 97.5 | 100.2 | 103.6 | 109.3 | 116.3 | 128.1 | 148.8 | 170.9 |
| 67.5° | 79.4 | 79.4 | 79.5 | 80.6 | 82.5 | 84.7 | 88.1 | 93.7 | 102.6 | 115.3 | 134.8 |
| 70° | 69.2 | 69.2 | 69.6 | 70.3 | 71.3 | 73.2 | 75.2 | 79.4 | 85.9 | 96.2 | 111.2 |
| 72.5° | 59.7 | 59.9 | 60.4 | 60.5 | 61.0 | 62.6 | 64.0 | 66.7 | 71.5 | 79.4 | 91.5 |
| 75° | 43.9 | 44.5 | 45.6 | 46.5 | 47.5 | 47.3 | 48.8 | 50.5 | 51.9 | 56.5 | 63.5 |
| 77.5° | 32.6 | 32.4 | 32.5 | 33.2 | 33.3 | 33.5 | 34.6 | 35.8 | 37.0 | 39.1 | 41.6 |
| 80° | 24.9 | 24.9 | 25.5 | 25.8 | 25.5 | 25.8 | 26.8 | 27.5 | 27.8 | 28.7 | 31.0 |
| 82.5° | 18.8 | 19.2 | 19.0 | 19.2 | 19.3 | 19.5 | 20.4 | 20.5 | 21.0 | 21.3 | 22.2 |
| 85° | 10.5 | 10.8 | 11.0 | 10.5 | 10.5 | 10.5 | 11.0 | 11.1 | 11.6 | 11.4 | 11.9 |
| 87.5° | 6.6 | 6.5 | 6.8 | 6.6 | 6.7 | 6.5 | 6.5 | 6.7 | 6.2 | 6.6 | 6.2 |
| 90° | 14.6 | 14.6 | 15.3 | 14.6 | 13.9 | 13.9 | 13.3 | 12.6 | 11.9 | 12.6 | 11.1 |
| 92.5° | 53.7 | 53.7 | 56.1 | 59.8 | 68.0 | 82.0 | 103.1 | 137.0 | 184.2 | 221.1 | 193.6 |
| 95° | 170.1 | 179.2 | 191.7 | 213.4 | 247.5 | 315.1 | 408.6 | 516.7 | 584.3 | 568.3 | 428.8 |
| 97.5° | 454.8 | 469.2 | 490.2 | 532.2 | 582.2 | 655.0 | 723.2 | 763.3 | 734.1 | 598.5 | 401.4 |
| 100° | 639.4 | 645.0 | 665.8 | 708.4 | 769.1 | 820.6 | 854.8 | 840.9 | 739.0 | 560.6 | 364.0 |
| 102.5° | 800.0 | 804.5 | 826.5 | 857.4 | 894.6 | 916.1 | 906.2 | 837.0 | 697.2 | 513.2 | 338.9 |
| 105° | 981.1 | 985.3 | 995.0 | 1000.6 | 999.2 | 970.5 | 901.5 | 781.0 | 621.3 | 457.4 | 317.3 |
| 107.5° | 1048.2 | 1046.4 | 1039.5 | 1023.6 | 989.1 | 926.9 | 829.7 | 701.3 | 559.9 | 426.1 | 313.3 |
| 110° | 1049.4 | 1043.1 | 1030.6 | 1001.2 | 951.7 | 875.0 | 773.9 | 653.4 | 529.2 | 415.5 | 314.4 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1016.5 | 1006.3 | 988.7 | 953.2 | 897.1 | 820.4 | 724.9 | 618.2 | 511.9 | 410.5 | 317.8 |
| 115° | 942.0 | 936.4 | 914.1 | 872.3 | 817.2 | 750.2 | 668.7 | 582.9 | 495.7 | 407.9 | 324.2 |
| 117.5° | 866.6 | 862.2 | 839.6 | 804.5 | 757.5 | 700.7 | 636.6 | 565.6 | 488.5 | 407.2 | 331.1 |
| 120° | 824.1 | 816.5 | 798.3 | 767.7 | 727.9 | 678.4 | 622.7 | 557.8 | 484.6 | 407.2 | 336.1 |
| 122.5° | 790.7 | 783.0 | 767.7 | 741.5 | 707.8 | 664.5 | 613.7 | 551.1 | 480.1 | 406.6 | 341.1 |
| 125° | 751.6 | 747.4 | 734.2 | 714.0 | 686.1 | 647.7 | 599.7 | 539.7 | 472.7 | 405.8 | 348.7 |
| 127.5° | 728.8 | 724.6 | 713.5 | 695.4 | 667.4 | 631.0 | 583.0 | 525.8 | 462.8 | 404.3 | 354.6 |
| 130° | 715.4 | 711.2 | 700.1 | 682.6 | 654.0 | 617.1 | 569.6 | 514.6 | 456.7 | 403.7 | 359.1 |
| 132.5° | 700.3 | 696.2 | 685.5 | 665.8 | 637.8 | 600.9 | 554.6 | 502.8 | 451.1 | 403.1 | 363.0 |
| 135° | 672.2 | 668.0 | 656.8 | 637.3 | 609.4 | 574.5 | 532.0 | 486.7 | 442.7 | 402.3 | 368.8 |
| 137.5° | 637.3 | 632.2 | 623.0 | 603.8 | 577.7 | 546.3 | 510.4 | 472.1 | 435.5 | 402.2 | 372.3 |
| 140° | 612.2 | 606.6 | 596.8 | 581.5 | 557.1 | 527.8 | 496.4 | 463.7 | 431.6 | 401.6 | 375.1 |
| 142.5° | 585.4 | 581.5 | 572.8 | 558.7 | 537.0 | 511.7 | 484.7 | 455.8 | 428.3 | 401.6 | 377.4 |
| 145° | 548.8 | 545.3 | 538.2 | 526.5 | 509.0 | 489.5 | 468.6 | 444.9 | 422.5 | 400.2 | 378.6 |
| 147.5° | 516.2 | 515.0 | 509.7 | 499.5 | 486.7 | 471.4 | 454.6 | 435.8 | 417.4 | 397.7 | 379.3 |
| 150° | 497.8 | 497.1 | 492.9 | 483.9 | 472.7 | 460.2 | 446.2 | 430.2 | 413.5 | 396.0 | 379.3 |
| 152.5° | 481.1 | 480.4 | 477.9 | 470.5 | 461.0 | 450.7 | 437.8 | 424.1 | 409.0 | 393.2 | 378.2 |
| 155° | 459.5 | 459.5 | 457.4 | 451.8 | 444.9 | 436.5 | 426.1 | 414.8 | 402.3 | 389.1 | 376.5 |
| 157.5° | 440.5 | 440.5 | 439.3 | 435.1 | 429.8 | 423.1 | 414.3 | 404.9 | 395.5 | 384.8 | 374.7 |
| 160° | 428.8 | 428.8 | 428.1 | 423.9 | 419.7 | 414.2 | 406.5 | 398.9 | 390.5 | 381.4 | 373.0 |
| 162.5° | 417.7 | 418.2 | 417.5 | 413.3 | 410.3 | 405.3 | 399.2 | 392.7 | 386.0 | 378.1 | 371.4 |
| 165° | 400.9 | 401.6 | 402.3 | 399.5 | 396.7 | 393.2 | 388.3 | 384.1 | 378.6 | 373.0 | 368.2 |
| 167.5° | 387.6 | 388.3 | 388.3 | 386.6 | 385.1 | 383.1 | 379.2 | 375.9 | 371.9 | 368.0 | 364.8 |
| 170° | 379.3 | 379.3 | 380.0 | 379.3 | 377.9 | 375.9 | 373.0 | 371.0 | 367.5 | 364.6 | 362.6 |
| 172.5° | 371.0 | 372.0 | 372.7 | 372.0 | 371.2 | 369.7 | 368.0 | 366.5 | 363.6 | 361.3 | 360.3 |
| 175° | 361.1 | 362.6 | 364.0 | 362.6 | 362.6 | 362.6 | 361.1 | 360.5 | 359.1 | 357.7 | 357.7 |
| 177.5° | 355.4 | 356.6 | 357.7 | 357.1 | 357.7 | 357.1 | 357.1 | 356.6 | 356.0 | 355.4 | 355.4 |
| 180° | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 539.7 | 537.3 | 536.1 | 533.4 | 530.2 | 528.5 | 527.0 | 524.8 | 521.9 | 518.9 | 516.7 |
| 5° | 567.0 | 562.0 | 555.6 | 548.0 | 541.4 | 534.8 | 529.1 | 523.3 | 516.8 | 510.1 | 503.4 |
| 7.5° | 595.1 | 585.2 | 574.4 | 562.0 | 549.9 | 538.9 | 528.7 | 519.1 | 508.1 | 498.2 | 489.3 |
| 10° | 614.7 | 601.3 | 586.3 | 570.4 | 554.6 | 540.9 | 527.4 | 515.1 | 501.7 | 489.6 | 479.5 |
| 12.5° | 630.6 | 614.7 | 596.7 | 577.0 | 557.9 | 541.4 | 525.8 | 509.9 | 494.5 | 481.5 | 468.0 |
| 15° | 656.9 | 635.3 | 611.0 | 587.3 | 562.7 | 540.0 | 519.2 | 500.6 | 483.0 | 464.7 | 451.8 |
| 17.5° | 675.1 | 649.3 | 619.7 | 591.4 | 562.2 | 535.6 | 511.5 | 489.4 | 469.1 | 450.4 | 435.1 |
| 20° | 685.9 | 657.4 | 624.6 | 592.4 | 559.6 | 531.2 | 505.2 | 480.7 | 459.9 | 439.6 | 423.7 |
| 22.5° | 692.0 | 660.4 | 624.6 | 590.8 | 557.0 | 526.1 | 497.7 | 472.2 | 449.4 | 429.1 | 411.6 |
| 25° | 693.9 | 660.1 | 623.7 | 584.8 | 547.7 | 515.0 | 485.4 | 457.7 | 432.4 | 412.1 | 393.6 |
| 27.5° | 691.2 | 651.4 | 614.0 | 574.2 | 535.8 | 501.4 | 470.4 | 441.3 | 416.0 | 394.2 | 375.1 |
| 30° | 687.2 | 644.5 | 604.4 | 563.0 | 524.2 | 491.1 | 458.3 | 430.5 | 404.1 | 381.6 | 362.4 |
| 32.5° | 678.3 | 636.1 | 592.9 | 550.5 | 511.2 | 477.1 | 446.0 | 418.0 | 392.2 | 369.1 | 348.7 |
| 35° | 660.9 | 618.1 | 571.3 | 527.8 | 489.2 | 453.7 | 424.6 | 397.6 | 372.9 | 348.2 | 326.7 |
| 37.5° | 638.0 | 594.3 | 547.7 | 500.1 | 461.4 | 427.9 | 401.3 | 375.9 | 351.8 | 329.2 | 305.4 |
| 40° | 616.4 | 576.6 | 528.4 | 481.2 | 441.5 | 409.2 | 384.5 | 361.5 | 337.2 | 314.9 | 291.1 |
| 42.5° | 590.3 | 556.3 | 507.7 | 460.2 | 421.1 | 389.9 | 366.9 | 344.5 | 322.4 | 300.7 | 275.8 |
| 45° | 546.6 | 520.8 | 475.3 | 429.7 | 390.2 | 359.4 | 338.3 | 318.4 | 299.1 | 278.4 | 254.9 |
| 47.5° | 496.5 | 479.1 | 439.8 | 393.1 | 356.6 | 328.9 | 308.4 | 292.2 | 275.8 | 255.1 | 234.6 |
| 50° | 461.7 | 450.6 | 412.6 | 370.0 | 335.1 | 309.6 | 288.7 | 273.5 | 259.8 | 240.0 | 221.6 |
| 52.5° | 424.6 | 418.7 | 386.6 | 345.8 | 312.2 | 287.1 | 269.3 | 255.7 | 241.7 | 225.2 | 208.1 |
| 55° | 368.0 | 371.2 | 344.0 | 308.7 | 277.1 | 256.0 | 239.8 | 228.4 | 216.5 | 202.6 | 189.3 |
| 57.5° | 310.2 | 321.8 | 303.5 | 272.6 | 242.9 | 223.4 | 211.2 | 201.6 | 191.6 | 180.1 | 168.7 |
| 60° | 275.6 | 285.3 | 275.0 | 247.7 | 221.8 | 203.7 | 192.3 | 184.9 | 175.0 | 164.4 | 155.8 |
| 62.5° | 241.8 | 252.3 | 246.1 | 224.1 | 200.0 | 184.4 | 174.3 | 167.5 | 160.1 | 150.9 | 141.9 |
| 65° | 199.5 | 206.2 | 203.2 | 188.1 | 170.9 | 157.7 | 148.4 | 143.3 | 136.5 | 129.8 | 121.8 |
| 67.5° | 152.8 | 165.8 | 164.1 | 156.0 | 141.2 | 130.8 | 124.8 | 120.3 | 114.1 | 109.1 | 103.7 |
| 70° | 125.6 | 137.6 | 137.4 | 130.8 | 122.8 | 113.2 | 108.9 | 105.1 | 99.6 | 94.8 | 90.3 |
| 72.5° | 102.8 | 113.8 | 115.5 | 110.4 | 105.0 | 97.6 | 93.5 | 91.0 | 85.6 | 82.3 | 78.6 |
| 75° | 72.0 | 80.0 | 82.1 | 82.1 | 79.5 | 75.8 | 72.1 | 70.4 | 66.7 | 63.8 | 61.6 |
| 77.5° | 47.2 | 52.3 | 55.6 | 56.3 | 56.7 | 55.4 | 52.4 | 51.3 | 48.3 | 47.3 | 45.3 |
| 80° | 33.3 | 36.7 | 40.5 | 41.8 | 42.8 | 42.4 | 41.2 | 40.3 | 37.5 | 36.5 | 35.7 |
| 82.5° | 23.0 | 24.9 | 28.0 | 30.9 | 30.5 | 31.7 | 30.5 | 29.9 | 27.7 | 27.4 | 26.6 |
| 85° | 12.0 | 12.2 | 12.7 | 14.5 | 15.6 | 16.1 | 16.2 | 15.9 | 15.2 | 15.2 | 13.7 |
| 87.5° | 6.0 | 5.8 | 5.4 | 5.4 | 5.4 | 5.9 | 6.0 | 5.9 | 5.6 | 5.5 | 5.2 |
| 90° | 9.7 | 9.7 | 5.6 | 5.6 | 4.9 | 4.2 | 2.1 | 0.7 | 2.1 | 4.2 | 4.9 |
| 92.5° | 140.8 | 86.8 | 51.3 | 36.8 | 26.7 | 18.1 | 11.6 | 7.9 | 11.6 | 18.1 | 26.7 |
| 95° | 262.2 | 147.8 | 87.1 | 57.9 | 41.1 | 32.1 | 25.1 | 23.0 | 25.1 | 32.1 | 41.1 |
| 97.5° | 235.7 | 141.2 | 94.5 | 70.0 | 55.6 | 47.3 | 41.3 | 41.3 | 41.3 | 47.3 | 55.6 |
| 100° | 221.8 | 142.9 | 101.8 | 79.5 | 66.3 | 57.9 | 53.0 | 53.0 | 53.0 | 57.9 | 66.3 |
| 102.5° | 217.8 | 148.5 | 111.3 | 90.1 | 77.4 | 69.6 | 65.3 | 64.1 | 65.3 | 69.6 | 77.4 |
| 105° | 219.6 | 161.8 | 128.3 | 108.1 | 95.5 | 87.1 | 83.6 | 81.6 | 83.6 | 87.1 | 95.5 |
| 107.5° | 230.0 | 177.3 | 146.6 | 126.6 | 114.6 | 105.7 | 102.2 | 100.9 | 102.2 | 105.7 | 114.6 |
| 110° | 237.7 | 189.0 | 158.3 | 139.5 | 126.9 | 118.5 | 115.0 | 113.7 | 115.0 | 118.5 | 126.9 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 246.1 | 200.1 | 170.6 | 151.7 | 139.2 | 131.3 | 127.3 | 125.9 | 127.3 | 131.3 | 139.2 |
| 115° | 259.4 | 217.6 | 189.7 | 170.9 | 157.6 | 150.6 | 145.7 | 143.7 | 145.7 | 150.6 | 157.6 |
| 117.5° | 272.9 | 234.4 | 207.9 | 188.4 | 176.0 | 168.4 | 164.0 | 162.0 | 164.0 | 168.4 | 176.0 |
| 120° | 282.4 | 246.1 | 219.6 | 200.1 | 188.2 | 180.6 | 175.7 | 174.3 | 175.7 | 180.6 | 188.2 |
| 122.5° | 291.3 | 257.3 | 230.8 | 211.8 | 198.9 | 191.7 | 186.9 | 185.5 | 186.9 | 191.7 | 198.9 |
| 125° | 304.7 | 272.6 | 247.5 | 228.0 | 214.7 | 207.1 | 202.9 | 200.1 | 202.9 | 207.1 | 214.7 |
| 127.5° | 316.3 | 286.9 | 262.6 | 242.9 | 229.1 | 220.3 | 215.3 | 213.1 | 215.3 | 220.3 | 229.1 |
| 130° | 323.5 | 296.3 | 272.6 | 252.4 | 239.2 | 228.7 | 223.1 | 220.3 | 223.1 | 228.7 | 239.2 |
| 132.5° | 330.7 | 304.2 | 280.4 | 261.4 | 247.0 | 237.1 | 229.8 | 227.6 | 229.8 | 237.1 | 247.0 |
| 135° | 340.3 | 315.1 | 292.1 | 274.0 | 259.4 | 247.5 | 240.6 | 237.7 | 240.6 | 247.5 | 259.4 |
| 137.5° | 347.0 | 323.5 | 302.0 | 284.7 | 269.6 | 258.2 | 250.6 | 248.0 | 250.6 | 258.2 | 269.6 |
| 140° | 351.4 | 329.1 | 308.2 | 291.4 | 276.8 | 264.9 | 257.3 | 255.2 | 257.3 | 264.9 | 276.8 |
| 142.5° | 354.7 | 334.1 | 313.8 | 297.6 | 283.5 | 272.2 | 265.1 | 263.0 | 265.1 | 272.2 | 283.5 |
| 145° | 358.4 | 339.6 | 321.5 | 306.1 | 292.8 | 283.1 | 276.1 | 274.0 | 276.1 | 283.1 | 292.8 |
| 147.5° | 361.6 | 345.2 | 328.1 | 314.3 | 303.3 | 293.3 | 287.1 | 286.4 | 287.1 | 293.3 | 303.3 |
| 150° | 363.3 | 347.9 | 332.6 | 319.3 | 308.9 | 300.5 | 295.0 | 294.3 | 295.0 | 300.5 | 308.9 |
| 152.5° | 364.4 | 350.2 | 336.5 | 324.4 | 315.0 | 307.2 | 301.7 | 301.5 | 301.7 | 307.2 | 315.0 |
| 155° | 365.3 | 353.5 | 341.6 | 331.2 | 323.5 | 316.6 | 312.4 | 311.7 | 312.4 | 316.6 | 323.5 |
| 157.5° | 365.3 | 355.9 | 345.8 | 337.6 | 330.9 | 325.5 | 321.6 | 321.6 | 321.6 | 325.5 | 330.9 |
| 160° | 365.3 | 357.0 | 348.7 | 341.0 | 335.4 | 330.5 | 327.7 | 327.7 | 327.7 | 330.5 | 335.4 |
| 162.5° | 365.3 | 358.1 | 350.3 | 344.3 | 339.3 | 334.9 | 332.7 | 333.3 | 332.7 | 334.9 | 339.3 |
| 165° | 364.0 | 358.4 | 352.1 | 347.9 | 344.5 | 341.0 | 339.6 | 339.6 | 339.6 | 341.0 | 344.5 |
| 167.5° | 362.3 | 358.3 | 353.7 | 350.4 | 348.5 | 345.8 | 345.2 | 345.8 | 345.2 | 345.8 | 348.5 |
| 170° | 361.1 | 357.7 | 354.2 | 352.1 | 350.7 | 348.7 | 347.9 | 348.7 | 347.9 | 348.7 | 350.7 |
| 172.5° | 360.1 | 357.1 | 354.7 | 353.2 | 352.4 | 350.9 | 350.7 | 351.4 | 350.7 | 350.9 | 352.4 |
| 175° | 358.4 | 356.3 | 354.9 | 354.9 | 354.2 | 353.5 | 353.5 | 354.2 | 353.5 | 353.5 | 354.2 |
| 177.5° | 356.6 | 355.4 | 354.9 | 354.9 | 354.9 | 354.4 | 354.9 | 355.4 | 354.9 | 354.4 | 354.9 |
| 180° | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 514.3 | 512.6 | 510.5 | 507.9 | 504.9 | 502.2 | 501.0 | 502.0 | 502.6 | 501.1 | 501.0 |
| 5° | 498.6 | 493.4 | 489.2 | 482.9 | 477.8 | 473.6 | 470.6 | 469.3 | 469.8 | 466.4 | 465.6 |
| 7.5° | 481.1 | 474.8 | 467.9 | 460.4 | 453.4 | 447.2 | 444.0 | 442.2 | 438.5 | 437.0 | 434.4 |
| 10° | 469.8 | 461.4 | 454.6 | 445.7 | 437.7 | 430.3 | 426.7 | 423.7 | 420.2 | 418.5 | 414.9 |
| 12.5° | 458.2 | 448.4 | 440.9 | 431.7 | 423.5 | 414.6 | 411.2 | 405.7 | 400.1 | 396.5 | 391.9 |
| 15° | 441.7 | 429.9 | 420.8 | 409.8 | 400.1 | 390.0 | 380.9 | 370.8 | 367.0 | 359.0 | 354.4 |
| 17.5° | 422.5 | 410.5 | 399.3 | 384.6 | 369.6 | 357.0 | 347.3 | 337.6 | 331.8 | 326.7 | 324.3 |
| 20° | 409.8 | 398.9 | 383.3 | 366.1 | 349.5 | 335.6 | 327.7 | 321.4 | 315.0 | 311.5 | 309.0 |
| 22.5° | 397.9 | 383.8 | 365.7 | 347.2 | 330.6 | 319.7 | 313.1 | 306.6 | 301.4 | 298.0 | 294.6 |
| 25° | 377.7 | 359.4 | 340.2 | 319.1 | 307.7 | 298.2 | 291.1 | 285.7 | 282.6 | 278.1 | 276.4 |
| 27.5° | 357.1 | 334.8 | 313.7 | 299.5 | 287.7 | 278.9 | 272.7 | 268.8 | 264.7 | 261.9 | 259.7 |
| 30° | 341.3 | 318.7 | 299.7 | 286.1 | 274.1 | 267.0 | 261.9 | 257.3 | 254.0 | 251.7 | 250.1 |
| 32.5° | 325.6 | 303.0 | 287.0 | 272.5 | 263.0 | 256.0 | 250.6 | 247.1 | 244.6 | 241.7 | 240.6 |
| 35° | 302.8 | 282.8 | 268.9 | 255.7 | 246.1 | 239.8 | 235.5 | 231.9 | 229.8 | 229.0 | 228.4 |
| 37.5° | 281.0 | 264.6 | 249.6 | 238.9 | 230.2 | 225.2 | 220.3 | 218.5 | 217.0 | 215.5 | 216.2 |
| 40° | 267.2 | 251.7 | 238.4 | 227.1 | 220.1 | 214.6 | 211.7 | 209.6 | 208.3 | 208.3 | 208.3 |
| 42.5° | 255.2 | 240.1 | 227.1 | 217.0 | 210.0 | 205.4 | 202.1 | 200.3 | 199.8 | 199.7 | 200.7 |
| 45° | 236.6 | 222.7 | 209.6 | 201.1 | 195.2 | 190.6 | 188.7 | 187.2 | 187.2 | 188.1 | 188.2 |
| 47.5° | 218.1 | 205.1 | 194.6 | 185.1 | 179.7 | 176.8 | 175.1 | 174.4 | 174.5 | 175.3 | 176.3 |
| 50° | 206.8 | 193.9 | 183.6 | 175.1 | 170.1 | 167.4 | 165.9 | 165.4 | 165.9 | 165.9 | 167.4 |
| 52.5° | 194.5 | 183.0 | 172.8 | 165.7 | 160.0 | 157.4 | 156.6 | 156.0 | 156.2 | 156.9 | 157.6 |
| 55° | 176.5 | 166.1 | 156.4 | 149.6 | 145.4 | 143.7 | 141.8 | 142.0 | 141.6 | 142.0 | 142.0 |
| 57.5° | 158.3 | 149.0 | 140.0 | 134.6 | 130.9 | 128.5 | 126.4 | 127.0 | 126.4 | 126.3 | 125.9 |
| 60° | 146.7 | 136.5 | 129.4 | 124.5 | 120.3 | 118.2 | 116.3 | 116.7 | 116.1 | 115.7 | 114.8 |
| 62.5° | 134.0 | 125.6 | 118.7 | 114.0 | 110.7 | 108.3 | 106.3 | 105.9 | 104.4 | 103.0 | 101.1 |
| 65° | 115.7 | 108.7 | 102.5 | 98.2 | 95.0 | 93.1 | 91.6 | 90.3 | 87.1 | 83.8 | 82.1 |
| 67.5° | 97.8 | 92.7 | 87.0 | 83.3 | 80.7 | 78.3 | 75.4 | 73.3 | 70.4 | 68.5 | 67.4 |
| 70° | 86.3 | 81.5 | 76.6 | 73.0 | 70.3 | 67.9 | 64.8 | 63.3 | 61.2 | 60.4 | 59.3 |
| 72.5° | 75.3 | 70.8 | 66.3 | 63.0 | 60.2 | 58.3 | 55.8 | 54.4 | 53.4 | 53.1 | 52.1 |
| 75° | 58.7 | 55.1 | 51.7 | 48.8 | 46.5 | 45.1 | 44.1 | 43.1 | 42.6 | 40.8 | 39.7 |
| 77.5° | 42.8 | 40.4 | 38.3 | 36.2 | 34.6 | 33.7 | 31.7 | 30.5 | 29.8 | 28.9 | 28.6 |
| 80° | 33.3 | 31.7 | 29.5 | 28.3 | 25.9 | 25.1 | 24.3 | 24.1 | 23.8 | 23.6 | 23.5 |
| 82.5° | 25.1 | 23.4 | 21.3 | 20.5 | 19.9 | 19.4 | 18.9 | 18.6 | 18.5 | 18.5 | 18.5 |
| 85° | 12.7 | 11.9 | 11.9 | 11.6 | 11.4 | 11.1 | 11.0 | 11.0 | 10.8 | 11.0 | 10.8 |
| 87.5° | 5.4 | 5.2 | 6.0 | 5.7 | 6.2 | 6.4 | 6.1 | 6.2 | 6.5 | 6.3 | 6.3 |
| 90° | 5.6 | 5.6 | 9.7 | 9.7 | 11.1 | 12.6 | 11.9 | 12.6 | 13.3 | 13.9 | 13.9 |
| 92.5° | 36.8 | 51.3 | 86.8 | 140.8 | 193.6 | 221.1 | 184.2 | 137.0 | 103.1 | 82.0 | 68.0 |
| 95° | 57.9 | 87.1 | 147.8 | 262.2 | 428.8 | 568.3 | 584.3 | 516.7 | 408.6 | 315.1 | 247.5 |
| 97.5° | 70.0 | 94.5 | 141.2 | 235.7 | 401.4 | 598.5 | 734.1 | 763.3 | 723.2 | 655.0 | 582.2 |
| 100° | 79.5 | 101.8 | 142.9 | 221.8 | 364.0 | 560.6 | 739.0 | 840.9 | 854.8 | 820.6 | 769.1 |
| 102.5° | 90.1 | 111.3 | 148.5 | 217.8 | 338.9 | 513.2 | 697.2 | 837.0 | 906.2 | 916.1 | 894.6 |
| 105° | 108.1 | 128.3 | 161.8 | 219.6 | 317.3 | 457.4 | 621.3 | 781.0 | 901.5 | 970.5 | 999.2 |
| 107.5° | 126.6 | 146.6 | 177.3 | 230.0 | 313.3 | 426.1 | 559.9 | 701.3 | 829.7 | 926.9 | 989.1 |
| 110° | 139.5 | 158.3 | 189.0 | 237.7 | 314.4 | 415.5 | 529.2 | 653.4 | 773.9 | 875.0 | 951.7 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 151.7 | 170.6 | 200.1 | 246.1 | 317.8 | 410.5 | 511.9 | 618.2 | 724.9 | 820.4 | 897.1 |
| 115° | 170.9 | 189.7 | 217.6 | 259.4 | 324.2 | 407.9 | 495.7 | 582.9 | 668.7 | 750.2 | 817.2 |
| 117.5° | 188.4 | 207.9 | 234.4 | 272.9 | 331.1 | 407.2 | 488.5 | 565.6 | 636.6 | 700.7 | 757.5 |
| 120° | 200.1 | 219.6 | 246.1 | 282.4 | 336.1 | 407.2 | 484.6 | 557.8 | 622.7 | 678.4 | 727.9 |
| 122.5° | 211.8 | 230.8 | 257.3 | 291.3 | 341.1 | 406.6 | 480.1 | 551.1 | 613.7 | 664.5 | 707.8 |
| 125° | 228.0 | 247.5 | 272.6 | 304.7 | 348.7 | 405.8 | 472.7 | 539.7 | 599.7 | 647.7 | 686.1 |
| 127.5° | 242.9 | 262.6 | 286.9 | 316.3 | 354.6 | 404.3 | 462.8 | 525.8 | 583.0 | 631.0 | 667.4 |
| 130° | 252.4 | 272.6 | 296.3 | 323.5 | 359.1 | 403.7 | 456.7 | 514.6 | 569.6 | 617.1 | 654.0 |
| 132.5° | 261.4 | 280.4 | 304.2 | 330.7 | 363.0 | 403.1 | 451.1 | 502.8 | 554.6 | 600.9 | 637.8 |
| 135° | 274.0 | 292.1 | 315.1 | 340.3 | 368.8 | 402.3 | 442.7 | 486.7 | 532.0 | 574.5 | 609.4 |
| 137.5° | 284.7 | 302.0 | 323.5 | 347.0 | 372.3 | 402.2 | 435.5 | 472.1 | 510.4 | 546.3 | 577.7 |
| 140° | 291.4 | 308.2 | 329.1 | 351.4 | 375.1 | 401.6 | 431.6 | 463.7 | 496.4 | 527.8 | 557.1 |
| 142.5° | 297.6 | 313.8 | 334.1 | 354.7 | 377.4 | 401.6 | 428.3 | 455.8 | 484.7 | 511.7 | 537.0 |
| 145° | 306.1 | 321.5 | 339.6 | 358.4 | 378.6 | 400.2 | 422.5 | 444.9 | 468.6 | 489.5 | 509.0 |
| 147.5° | 314.3 | 328.1 | 345.2 | 361.6 | 379.3 | 397.7 | 417.4 | 435.8 | 454.6 | 471.4 | 486.7 |
| 150° | 319.3 | 332.6 | 347.9 | 363.3 | 379.3 | 396.0 | 413.5 | 430.2 | 446.2 | 460.2 | 472.7 |
| 152.5° | 324.4 | 336.5 | 350.2 | 364.4 | 378.2 | 393.2 | 409.0 | 424.1 | 437.8 | 450.7 | 461.0 |
| 155° | 331.2 | 341.6 | 353.5 | 365.3 | 376.5 | 389.1 | 402.3 | 414.8 | 426.1 | 436.5 | 444.9 |
| 157.5° | 337.6 | 345.8 | 355.9 | 365.3 | 374.7 | 384.8 | 395.5 | 404.9 | 414.3 | 423.1 | 429.8 |
| 160° | 341.0 | 348.7 | 357.0 | 365.3 | 373.0 | 381.4 | 390.5 | 398.9 | 406.5 | 414.2 | 419.7 |
| 162.5° | 344.3 | 350.3 | 358.1 | 365.3 | 371.4 | 378.1 | 386.0 | 392.7 | 399.2 | 405.3 | 410.3 |
| 165° | 347.9 | 352.1 | 358.4 | 364.0 | 368.2 | 373.0 | 378.6 | 384.1 | 388.3 | 393.2 | 396.7 |
| 167.5° | 350.4 | 353.7 | 358.3 | 362.3 | 364.8 | 368.0 | 371.9 | 375.9 | 379.2 | 383.1 | 385.1 |
| 170° | 352.1 | 354.2 | 357.7 | 361.1 | 362.6 | 364.6 | 367.5 | 371.0 | 373.0 | 375.9 | 377.9 |
| 172.5° | 353.2 | 354.7 | 357.1 | 360.1 | 360.3 | 361.3 | 363.6 | 366.5 | 368.0 | 369.7 | 371.2 |
| 175° | 354.9 | 354.9 | 356.3 | 358.4 | 357.7 | 357.7 | 359.1 | 360.5 | 361.1 | 362.6 | 362.6 |
| 177.5° | 354.9 | 354.9 | 355.4 | 356.6 | 355.4 | 355.4 | 356.0 | 356.6 | 357.1 | 357.1 | 357.7 |
| 180° | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 500.0 | 500.3 | 499.2 | 498.8 | 499.2 | 500.3 | 500.0 | 501.0 | 501.1 | 502.6 | 502.0 |
| 5° | 463.9 | 463.4 | 462.4 | 462.6 | 462.4 | 463.4 | 463.9 | 465.6 | 466.4 | 469.8 | 469.3 |
| 7.5° | 432.9 | 431.3 | 431.8 | 430.1 | 431.8 | 431.3 | 432.9 | 434.4 | 437.0 | 438.5 | 442.2 |
| 10° | 414.0 | 411.7 | 409.8 | 408.1 | 409.8 | 411.7 | 414.0 | 414.9 | 418.5 | 420.2 | 423.7 |
| 12.5° | 388.3 | 386.2 | 383.7 | 384.1 | 383.7 | 386.2 | 388.3 | 391.9 | 396.5 | 400.1 | 405.7 |
| 15° | 351.6 | 348.4 | 343.4 | 344.0 | 343.4 | 348.4 | 351.6 | 354.4 | 359.0 | 367.0 | 370.8 |
| 17.5° | 320.6 | 320.6 | 318.3 | 318.9 | 318.3 | 320.6 | 320.6 | 324.3 | 326.7 | 331.8 | 337.6 |
| 20° | 304.5 | 303.1 | 303.3 | 302.6 | 303.3 | 303.1 | 304.5 | 309.0 | 311.5 | 315.0 | 321.4 |
| 22.5° | 293.4 | 291.6 | 290.1 | 288.8 | 290.1 | 291.6 | 293.4 | 294.6 | 298.0 | 301.4 | 306.6 |
| 25° | 274.6 | 273.3 | 271.4 | 271.0 | 271.4 | 273.3 | 274.6 | 276.4 | 278.1 | 282.6 | 285.7 |
| 27.5° | 258.0 | 257.8 | 257.0 | 256.0 | 257.0 | 257.8 | 258.0 | 259.7 | 261.9 | 264.7 | 268.8 |
| 30° | 248.4 | 248.0 | 247.5 | 246.9 | 247.5 | 248.0 | 248.4 | 250.1 | 251.7 | 254.0 | 257.3 |
| 32.5° | 239.8 | 239.5 | 239.1 | 239.2 | 239.1 | 239.5 | 239.8 | 240.6 | 241.7 | 244.6 | 247.1 |
| 35° | 227.5 | 227.3 | 226.9 | 226.7 | 226.9 | 227.3 | 227.5 | 228.4 | 229.0 | 229.8 | 231.9 |
| 37.5° | 216.1 | 216.6 | 216.3 | 216.2 | 216.3 | 216.6 | 216.1 | 216.2 | 215.5 | 217.0 | 218.5 |
| 40° | 208.1 | 208.3 | 208.7 | 208.5 | 208.7 | 208.3 | 208.1 | 208.3 | 208.3 | 208.3 | 209.6 |
| 42.5° | 201.5 | 201.5 | 202.2 | 201.4 | 202.2 | 201.5 | 201.5 | 200.7 | 199.7 | 199.8 | 200.3 |
| 45° | 189.8 | 191.0 | 190.7 | 190.7 | 190.7 | 191.0 | 189.8 | 188.2 | 188.1 | 187.2 | 187.2 |
| 47.5° | 176.8 | 178.0 | 178.3 | 178.2 | 178.3 | 178.0 | 176.8 | 176.3 | 175.3 | 174.5 | 174.4 |
| 50° | 168.4 | 168.0 | 168.6 | 168.4 | 168.6 | 168.0 | 168.4 | 167.4 | 165.9 | 165.9 | 165.4 |
| 52.5° | 158.1 | 158.2 | 158.2 | 157.9 | 158.2 | 158.2 | 158.1 | 157.6 | 156.9 | 156.2 | 156.0 |
| 55° | 142.2 | 142.5 | 142.0 | 142.2 | 142.0 | 142.5 | 142.2 | 142.0 | 142.0 | 141.6 | 142.0 |
| 57.5° | 125.0 | 124.0 | 124.4 | 123.9 | 124.4 | 124.0 | 125.0 | 125.9 | 126.3 | 126.4 | 127.0 |
| 60° | 112.7 | 111.0 | 110.6 | 109.8 | 110.6 | 111.0 | 112.7 | 114.8 | 115.7 | 116.1 | 116.7 |
| 62.5° | 98.9 | 97.6 | 96.2 | 96.9 | 96.2 | 97.6 | 98.9 | 101.1 | 103.0 | 104.4 | 105.9 |
| 65° | 80.4 | 79.5 | 78.9 | 79.8 | 78.9 | 79.5 | 80.4 | 82.1 | 83.8 | 87.1 | 90.3 |
| 67.5° | 66.5 | 66.1 | 66.1 | 65.7 | 66.1 | 66.1 | 66.5 | 67.4 | 68.5 | 70.4 | 73.3 |
| 70° | 59.3 | 58.7 | 58.7 | 58.2 | 58.7 | 58.7 | 59.3 | 59.3 | 60.4 | 61.2 | 63.3 |
| 72.5° | 51.9 | 51.3 | 51.5 | 51.2 | 51.5 | 51.3 | 51.9 | 52.1 | 53.1 | 53.4 | 54.4 |
| 75° | 38.4 | 37.4 | 37.4 | 37.5 | 37.4 | 37.4 | 38.4 | 39.7 | 40.8 | 42.6 | 43.1 |
| 77.5° | 28.6 | 28.4 | 28.7 | 28.4 | 28.7 | 28.4 | 28.6 | 28.6 | 28.9 | 29.8 | 30.5 |
| 80° | 23.5 | 23.2 | 23.0 | 23.6 | 23.0 | 23.2 | 23.5 | 23.5 | 23.6 | 23.8 | 24.1 |
| 82.5° | 18.2 | 18.2 | 18.1 | 18.9 | 18.1 | 18.2 | 18.2 | 18.5 | 18.5 | 18.5 | 18.6 |
| 85° | 11.0 | 10.5 | 11.0 | 10.5 | 11.0 | 10.5 | 11.0 | 10.8 | 11.0 | 10.8 | 11.0 |
| 87.5° | 6.8 | 6.8 | 6.5 | 6.6 | 6.5 | 6.8 | 6.8 | 6.3 | 6.3 | 6.5 | 6.2 |
| 90° | 14.6 | 15.3 | 14.6 | 14.6 | 14.6 | 15.3 | 14.6 | 13.9 | 13.9 | 13.3 | 12.6 |
| 92.5° | 59.8 | 56.1 | 53.7 | 53.7 | 53.7 | 56.1 | 59.8 | 68.0 | 82.0 | 103.1 | 137.0 |
| 95° | 213.4 | 191.7 | 179.2 | 170.1 | 179.2 | 191.7 | 213.4 | 247.5 | 315.1 | 408.6 | 516.7 |
| 97.5° | 532.2 | 490.2 | 469.2 | 454.8 | 469.2 | 490.2 | 532.2 | 582.2 | 655.0 | 723.2 | 763.3 |
| 100° | 708.4 | 665.8 | 645.0 | 639.4 | 645.0 | 665.8 | 708.4 | 769.1 | 820.6 | 854.8 | 840.9 |
| 102.5° | 857.4 | 826.5 | 804.5 | 800.0 | 804.5 | 826.5 | 857.4 | 894.6 | 916.1 | 906.2 | 837.0 |
| 105° | 1000.6 | 995.0 | 985.3 | 981.1 | 985.3 | 995.0 | 1000.6 | 999.2 | 970.5 | 901.5 | 781.0 |
| 107.5° | 1023.6 | 1039.5 | 1046.4 | 1048.2 | 1046.4 | 1039.5 | 1023.6 | 989.1 | 926.9 | 829.7 | 701.3 |
| 110° | 1001.2 | 1030.6 | 1043.1 | 1049.4 | 1043.1 | 1030.6 | 1001.2 | 951.7 | 875.0 | 773.9 | 653.4 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 112.5° | 953.2 | 988.7 | 1006.3 | 1016.5 | 1006.3 | 988.7 | 953.2 | 897.1 | 820.4 | 724.9 | 618.2 |
| 115° | 872.3 | 914.1 | 936.4 | 942.0 | 936.4 | 914.1 | 872.3 | 817.2 | 750.2 | 668.7 | 582.9 |
| 117.5° | 804.5 | 839.6 | 862.2 | 866.6 | 862.2 | 839.6 | 804.5 | 757.5 | 700.7 | 636.6 | 565.6 |
| 120° | 767.7 | 798.3 | 816.5 | 824.1 | 816.5 | 798.3 | 767.7 | 727.9 | 678.4 | 622.7 | 557.8 |
| 122.5° | 741.5 | 767.7 | 783.0 | 790.7 | 783.0 | 767.7 | 741.5 | 707.8 | 664.5 | 613.7 | 551.1 |
| 125° | 714.0 | 734.2 | 747.4 | 751.6 | 747.4 | 734.2 | 714.0 | 686.1 | 647.7 | 599.7 | 539.7 |
| 127.5° | 695.4 | 713.5 | 724.6 | 728.8 | 724.6 | 713.5 | 695.4 | 667.4 | 631.0 | 583.0 | 525.8 |
| 130° | 682.6 | 700.1 | 711.2 | 715.4 | 711.2 | 700.1 | 682.6 | 654.0 | 617.1 | 569.6 | 514.6 |
| 132.5° | 665.8 | 685.5 | 696.2 | 700.3 | 696.2 | 685.5 | 665.8 | 637.8 | 600.9 | 554.6 | 502.8 |
| 135° | 637.3 | 656.8 | 668.0 | 672.2 | 668.0 | 656.8 | 637.3 | 609.4 | 574.5 | 532.0 | 486.7 |
| 137.5° | 603.8 | 623.0 | 632.2 | 637.3 | 632.2 | 623.0 | 603.8 | 577.7 | 546.3 | 510.4 | 472.1 |
| 140° | 581.5 | 596.8 | 606.6 | 612.2 | 606.6 | 596.8 | 581.5 | 557.1 | 527.8 | 496.4 | 463.7 |
| 142.5° | 558.7 | 572.8 | 581.5 | 585.4 | 581.5 | 572.8 | 558.7 | 537.0 | 511.7 | 484.7 | 455.8 |
| 145° | 526.5 | 538.2 | 545.3 | 548.8 | 545.3 | 538.2 | 526.5 | 509.0 | 489.5 | 468.6 | 444.9 |
| 147.5° | 499.5 | 509.7 | 515.0 | 516.2 | 515.0 | 509.7 | 499.5 | 486.7 | 471.4 | 454.6 | 435.8 |
| 150° | 483.9 | 492.9 | 497.1 | 497.8 | 497.1 | 492.9 | 483.9 | 472.7 | 460.2 | 446.2 | 430.2 |
| 152.5° | 470.5 | 477.9 | 480.4 | 481.1 | 480.4 | 477.9 | 470.5 | 461.0 | 450.7 | 437.8 | 424.1 |
| 155° | 451.8 | 457.4 | 459.5 | 459.5 | 459.5 | 457.4 | 451.8 | 444.9 | 436.5 | 426.1 | 414.8 |
| 157.5° | 435.1 | 439.3 | 440.5 | 440.5 | 440.5 | 439.3 | 435.1 | 429.8 | 423.1 | 414.3 | 404.9 |
| 160° | 423.9 | 428.1 | 428.8 | 428.8 | 428.8 | 428.1 | 423.9 | 419.7 | 414.2 | 406.5 | 398.9 |
| 162.5° | 413.3 | 417.5 | 418.2 | 417.7 | 418.2 | 417.5 | 413.3 | 410.3 | 405.3 | 399.2 | 392.7 |
| 165° | 399.5 | 402.3 | 401.6 | 400.9 | 401.6 | 402.3 | 399.5 | 396.7 | 393.2 | 388.3 | 384.1 |
| 167.5° | 386.6 | 388.3 | 388.3 | 387.6 | 388.3 | 388.3 | 386.6 | 385.1 | 383.1 | 379.2 | 375.9 |
| 170° | 379.3 | 380.0 | 379.3 | 379.3 | 379.3 | 380.0 | 379.3 | 377.9 | 375.9 | 373.0 | 371.0 |
| 172.5° | 372.0 | 372.7 | 372.0 | 371.0 | 372.0 | 372.7 | 372.0 | 371.2 | 369.7 | 368.0 | 366.5 |
| 175° | 362.6 | 364.0 | 362.6 | 361.1 | 362.6 | 364.0 | 362.6 | 362.6 | 362.6 | 361.1 | 360.5 |
| 177.5° | 357.1 | 357.7 | 356.6 | 355.4 | 356.6 | 357.7 | 357.1 | 357.7 | 357.1 | 357.1 | 356.6 |
| 180° | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 501.0 | 502.2 | 504.9 | 507.9 | 510.5 | 512.6 | 514.3 | 516.7 | 518.9 | 521.9 | 524.8 |
| 5° | 470.6 | 473.6 | 477.8 | 482.9 | 489.2 | 493.4 | 498.6 | 503.4 | 510.1 | 516.8 | 523.3 |
| 7.5° | 444.0 | 447.2 | 453.4 | 460.4 | 467.9 | 474.8 | 481.1 | 489.3 | 498.2 | 508.1 | 519.1 |
| 10° | 426.7 | 430.3 | 437.7 | 445.7 | 454.6 | 461.4 | 469.8 | 479.5 | 489.6 | 501.7 | 515.1 |
| 12.5° | 411.2 | 414.6 | 423.5 | 431.7 | 440.9 | 448.4 | 458.2 | 468.0 | 481.5 | 494.5 | 509.9 |
| 15° | 380.9 | 390.0 | 400.1 | 409.8 | 420.8 | 429.9 | 441.7 | 451.8 | 464.7 | 483.0 | 500.6 |
| 17.5° | 347.3 | 357.0 | 369.6 | 384.6 | 399.3 | 410.5 | 422.5 | 435.1 | 450.4 | 469.1 | 489.4 |
| 20° | 327.7 | 335.6 | 349.5 | 366.1 | 383.3 | 398.9 | 409.8 | 423.7 | 439.6 | 459.9 | 480.7 |
| 22.5° | 313.1 | 319.7 | 330.6 | 347.2 | 365.7 | 383.8 | 397.9 | 411.6 | 429.1 | 449.4 | 472.2 |
| 25° | 291.1 | 298.2 | 307.7 | 319.1 | 340.2 | 359.4 | 377.7 | 393.6 | 412.1 | 432.4 | 457.7 |
| 27.5° | 272.7 | 278.9 | 287.7 | 299.5 | 313.7 | 334.8 | 357.1 | 375.1 | 394.2 | 416.0 | 441.3 |
| 30° | 261.9 | 267.0 | 274.1 | 286.1 | 299.7 | 318.7 | 341.3 | 362.4 | 381.6 | 404.1 | 430.5 |
| 32.5° | 250.6 | 256.0 | 263.0 | 272.5 | 287.0 | 303.0 | 325.6 | 348.7 | 369.1 | 392.2 | 418.0 |
| 35° | 235.5 | 239.8 | 246.1 | 255.7 | 268.9 | 282.8 | 302.8 | 326.7 | 348.2 | 372.9 | 397.6 |
| 37.5° | 220.3 | 225.2 | 230.2 | 238.9 | 249.6 | 264.6 | 281.0 | 305.4 | 329.2 | 351.8 | 375.9 |
| 40° | 211.7 | 214.6 | 220.1 | 227.1 | 238.4 | 251.7 | 267.2 | 291.1 | 314.9 | 337.2 | 361.5 |
| 42.5° | 202.1 | 205.4 | 210.0 | 217.0 | 227.1 | 240.1 | 255.2 | 275.8 | 300.7 | 322.4 | 344.5 |
| 45° | 188.7 | 190.6 | 195.2 | 201.1 | 209.6 | 222.7 | 236.6 | 254.9 | 278.4 | 299.1 | 318.4 |
| 47.5° | 175.1 | 176.8 | 179.7 | 185.1 | 194.6 | 205.1 | 218.1 | 234.6 | 255.1 | 275.8 | 292.2 |
| 50° | 165.9 | 167.4 | 170.1 | 175.1 | 183.6 | 193.9 | 206.8 | 221.6 | 240.0 | 259.8 | 273.5 |
| 52.5° | 156.6 | 157.4 | 160.0 | 165.7 | 172.8 | 183.0 | 194.5 | 208.1 | 225.2 | 241.7 | 255.7 |
| 55° | 141.8 | 143.7 | 145.4 | 149.6 | 156.4 | 166.1 | 176.5 | 189.3 | 202.6 | 216.5 | 228.4 |
| 57.5° | 126.4 | 128.5 | 130.9 | 134.6 | 140.0 | 149.0 | 158.3 | 168.7 | 180.1 | 191.6 | 201.6 |
| 60° | 116.3 | 118.2 | 120.3 | 124.5 | 129.4 | 136.5 | 146.7 | 155.8 | 164.4 | 175.0 | 184.9 |
| 62.5° | 106.3 | 108.3 | 110.7 | 114.0 | 118.7 | 125.6 | 134.0 | 141.9 | 150.9 | 160.1 | 167.5 |
| 65° | 91.6 | 93.1 | 95.0 | 98.2 | 102.5 | 108.7 | 115.7 | 121.8 | 129.8 | 136.5 | 143.3 |
| 67.5° | 75.4 | 78.3 | 80.7 | 83.3 | 87.0 | 92.7 | 97.8 | 103.7 | 109.1 | 114.1 | 120.3 |
| 70° | 64.8 | 67.9 | 70.3 | 73.0 | 76.6 | 81.5 | 86.3 | 90.3 | 94.8 | 99.6 | 105.1 |
| 72.5° | 55.8 | 58.3 | 60.2 | 63.0 | 66.3 | 70.8 | 75.3 | 78.6 | 82.3 | 85.6 | 91.0 |
| 75° | 44.1 | 45.1 | 46.5 | 48.8 | 51.7 | 55.1 | 58.7 | 61.6 | 63.8 | 66.7 | 70.4 |
| 77.5° | 31.7 | 33.7 | 34.6 | 36.2 | 38.3 | 40.4 | 42.8 | 45.3 | 47.3 | 48.3 | 51.3 |
| 80° | 24.3 | 25.1 | 25.9 | 28.3 | 29.5 | 31.7 | 33.3 | 35.7 | 36.5 | 37.5 | 40.3 |
| 82.5° | 18.9 | 19.4 | 19.9 | 20.5 | 21.3 | 23.4 | 25.1 | 26.6 | 27.4 | 27.7 | 29.9 |
| 85° | 11.0 | 11.1 | 11.4 | 11.6 | 11.9 | 11.9 | 12.7 | 13.7 | 15.2 | 15.2 | 15.9 |
| 87.5° | 6.1 | 6.4 | 6.2 | 5.7 | 6.0 | 5.2 | 5.4 | 5.2 | 5.5 | 5.6 | 5.9 |
| 90° | 11.9 | 12.6 | 11.1 | 9.7 | 9.7 | 5.6 | 5.6 | 4.9 | 4.2 | 2.1 | 0.7 |
| 92.5° | 184.2 | 221.1 | 193.6 | 140.8 | 86.8 | 51.3 | 36.8 | 26.7 | 18.1 | 11.6 | 7.9 |
| 95° | 584.3 | 568.3 | 428.8 | 262.2 | 147.8 | 87.1 | 57.9 | 41.1 | 32.1 | 25.1 | 23.0 |
| 97.5° | 734.1 | 598.5 | 401.4 | 235.7 | 141.2 | 94.5 | 70.0 | 55.6 | 47.3 | 41.3 | 41.3 |
| 100° | 739.0 | 560.6 | 364.0 | 221.8 | 142.9 | 101.8 | 79.5 | 66.3 | 57.9 | 53.0 | 53.0 |
| 102.5° | 697.2 | 513.2 | 338.9 | 217.8 | 148.5 | 111.3 | 90.1 | 77.4 | 69.6 | 65.3 | 64.1 |
| 105° | 621.3 | 457.4 | 317.3 | 219.6 | 161.8 | 128.3 | 108.1 | 95.5 | 87.1 | 83.6 | 81.6 |
| 107.5° | 559.9 | 426.1 | 313.3 | 230.0 | 177.3 | 146.6 | 126.6 | 114.6 | 105.7 | 102.2 | 100.9 |
| 110° | 529.2 | 415.5 | 314.4 | 237.7 | 189.0 | 158.3 | 139.5 | 126.9 | 118.5 | 115.0 | 113.7 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 511.9 | 410.5 | 317.8 | 246.1 | 200.1 | 170.6 | 151.7 | 139.2 | 131.3 | 127.3 | 125.9 |
| 115° | 495.7 | 407.9 | 324.2 | 259.4 | 217.6 | 189.7 | 170.9 | 157.6 | 150.6 | 145.7 | 143.7 |
| 117.5° | 488.5 | 407.2 | 331.1 | 272.9 | 234.4 | 207.9 | 188.4 | 176.0 | 168.4 | 164.0 | 162.0 |
| 120° | 484.6 | 407.2 | 336.1 | 282.4 | 246.1 | 219.6 | 200.1 | 188.2 | 180.6 | 175.7 | 174.3 |
| 122.5° | 480.1 | 406.6 | 341.1 | 291.3 | 257.3 | 230.8 | 211.8 | 198.9 | 191.7 | 186.9 | 185.5 |
| 125° | 472.7 | 405.8 | 348.7 | 304.7 | 272.6 | 247.5 | 228.0 | 214.7 | 207.1 | 202.9 | 200.1 |
| 127.5° | 462.8 | 404.3 | 354.6 | 316.3 | 286.9 | 262.6 | 242.9 | 229.1 | 220.3 | 215.3 | 213.1 |
| 130° | 456.7 | 403.7 | 359.1 | 323.5 | 296.3 | 272.6 | 252.4 | 239.2 | 228.7 | 223.1 | 220.3 |
| 132.5° | 451.1 | 403.1 | 363.0 | 330.7 | 304.2 | 280.4 | 261.4 | 247.0 | 237.1 | 229.8 | 227.6 |
| 135° | 442.7 | 402.3 | 368.8 | 340.3 | 315.1 | 292.1 | 274.0 | 259.4 | 247.5 | 240.6 | 237.7 |
| 137.5° | 435.5 | 402.2 | 372.3 | 347.0 | 323.5 | 302.0 | 284.7 | 269.6 | 258.2 | 250.6 | 248.0 |
| 140° | 431.6 | 401.6 | 375.1 | 351.4 | 329.1 | 308.2 | 291.4 | 276.8 | 264.9 | 257.3 | 255.2 |
| 142.5° | 428.3 | 401.6 | 377.4 | 354.7 | 334.1 | 313.8 | 297.6 | 283.5 | 272.2 | 265.1 | 263.0 |
| 145° | 422.5 | 400.2 | 378.6 | 358.4 | 339.6 | 321.5 | 306.1 | 292.8 | 283.1 | 276.1 | 274.0 |
| 147.5° | 417.4 | 397.7 | 379.3 | 361.6 | 345.2 | 328.1 | 314.3 | 303.3 | 293.3 | 287.1 | 286.4 |
| 150° | 413.5 | 396.0 | 379.3 | 363.3 | 347.9 | 332.6 | 319.3 | 308.9 | 300.5 | 295.0 | 294.3 |
| 152.5° | 409.0 | 393.2 | 378.2 | 364.4 | 350.2 | 336.5 | 324.4 | 315.0 | 307.2 | 301.7 | 301.5 |
| 155° | 402.3 | 389.1 | 376.5 | 365.3 | 353.5 | 341.6 | 331.2 | 323.5 | 316.6 | 312.4 | 311.7 |
| 157.5° | 395.5 | 384.8 | 374.7 | 365.3 | 355.9 | 345.8 | 337.6 | 330.9 | 325.5 | 321.6 | 321.6 |
| 160° | 390.5 | 381.4 | 373.0 | 365.3 | 357.0 | 348.7 | 341.0 | 335.4 | 330.5 | 327.7 | 327.7 |
| 162.5° | 386.0 | 378.1 | 371.4 | 365.3 | 358.1 | 350.3 | 344.3 | 339.3 | 334.9 | 332.7 | 333.3 |
| 165° | 378.6 | 373.0 | 368.2 | 364.0 | 358.4 | 352.1 | 347.9 | 344.5 | 341.0 | 339.6 | 339.6 |
| 167.5° | 371.9 | 368.0 | 364.8 | 362.3 | 358.3 | 353.7 | 350.4 | 348.5 | 345.8 | 345.2 | 345.8 |
| 170° | 367.5 | 364.6 | 362.6 | 361.1 | 357.7 | 354.2 | 352.1 | 350.7 | 348.7 | 347.9 | 348.7 |
| 172.5° | 363.6 | 361.3 | 360.3 | 360.1 | 357.1 | 354.7 | 353.2 | 352.4 | 350.9 | 350.7 | 351.4 |
| 175° | 359.1 | 357.7 | 357.7 | 358.4 | 356.3 | 354.9 | 354.9 | 354.2 | 353.5 | 353.5 | 354.2 |
| 177.5° | 356.0 | 355.4 | 355.4 | 356.6 | 355.4 | 354.9 | 354.9 | 354.9 | 354.4 | 354.9 | 355.4 |
| 180° | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 527.0 | 528.5 | 530.2 | 533.4 | 536.1 | 537.3 | 539.7 | 541.4 | 540.8 | 543.2 | 547.2 |
| 5° | 529.1 | 534.8 | 541.4 | 548.0 | 555.6 | 562.0 | 567.0 | 572.1 | 576.1 | 580.9 | 588.2 |
| 7.5° | 528.7 | 538.9 | 549.9 | 562.0 | 574.4 | 585.2 | 595.1 | 605.3 | 614.3 | 624.1 | 637.0 |
| 10° | 527.4 | 540.9 | 554.6 | 570.4 | 586.3 | 601.3 | 614.7 | 627.4 | 639.4 | 652.3 | 668.6 |
| 12.5° | 525.8 | 541.4 | 557.9 | 577.0 | 596.7 | 614.7 | 630.6 | 648.9 | 664.0 | 680.6 | 699.3 |
| 15° | 519.2 | 540.0 | 562.7 | 587.3 | 611.0 | 635.3 | 656.9 | 679.3 | 700.3 | 720.1 | 743.7 |
| 17.5° | 511.5 | 535.6 | 562.2 | 591.4 | 619.7 | 649.3 | 675.1 | 703.3 | 724.6 | 751.3 | 773.2 |
| 20° | 505.2 | 531.2 | 559.6 | 592.4 | 624.6 | 657.4 | 685.9 | 714.6 | 738.6 | 765.4 | 793.3 |
| 22.5° | 497.7 | 526.1 | 557.0 | 590.8 | 624.6 | 660.4 | 692.0 | 720.5 | 750.3 | 780.4 | 809.1 |
| 25° | 485.4 | 515.0 | 547.7 | 584.8 | 623.7 | 660.1 | 693.9 | 729.3 | 761.4 | 794.2 | 819.9 |
| 27.5° | 470.4 | 501.4 | 535.8 | 574.2 | 614.0 | 651.4 | 691.2 | 729.0 | 761.3 | 792.7 | 815.2 |
| 30° | 458.3 | 491.1 | 524.2 | 563.0 | 604.4 | 644.5 | 687.2 | 725.0 | 758.9 | 787.2 | 799.9 |
| 32.5° | 446.0 | 477.1 | 511.2 | 550.5 | 592.9 | 636.1 | 678.3 | 717.0 | 748.4 | 765.4 | 765.7 |
| 35° | 424.6 | 453.7 | 489.2 | 527.8 | 571.3 | 618.1 | 660.9 | 698.9 | 718.2 | 719.6 | 698.9 |
| 37.5° | 401.3 | 427.9 | 461.4 | 500.1 | 547.7 | 594.3 | 638.0 | 663.3 | 669.8 | 648.3 | 610.1 |
| 40° | 384.5 | 409.2 | 441.5 | 481.2 | 528.4 | 576.6 | 616.4 | 635.0 | 628.3 | 593.4 | 550.8 |
| 42.5° | 366.9 | 389.9 | 421.1 | 460.2 | 507.7 | 556.3 | 590.3 | 600.2 | 582.4 | 542.2 | 492.2 |
| 45° | 338.3 | 359.4 | 390.2 | 429.7 | 475.3 | 520.8 | 546.6 | 541.5 | 511.8 | 464.0 | 408.1 |
| 47.5° | 308.4 | 328.9 | 356.6 | 393.1 | 439.8 | 479.1 | 496.5 | 481.3 | 438.9 | 386.5 | 341.0 |
| 50° | 288.7 | 309.6 | 335.1 | 370.0 | 412.6 | 450.6 | 461.7 | 438.5 | 391.5 | 341.1 | 299.3 |
| 52.5° | 269.3 | 287.1 | 312.2 | 345.8 | 386.6 | 418.7 | 424.6 | 397.9 | 349.3 | 304.1 | 267.0 |
| 55° | 239.8 | 256.0 | 277.1 | 308.7 | 344.0 | 371.2 | 368.0 | 333.7 | 289.5 | 250.9 | 221.8 |
| 57.5° | 211.2 | 223.4 | 242.9 | 272.6 | 303.5 | 321.8 | 310.2 | 280.9 | 239.8 | 208.1 | 183.6 |
| 60° | 192.3 | 203.7 | 221.8 | 247.7 | 275.0 | 285.3 | 275.6 | 243.8 | 211.2 | 182.4 | 161.7 |
| 62.5° | 174.3 | 184.4 | 200.0 | 224.1 | 246.1 | 252.3 | 241.8 | 214.0 | 184.8 | 160.1 | 142.9 |
| 65° | 148.4 | 157.7 | 170.9 | 188.1 | 203.2 | 206.2 | 199.5 | 170.9 | 148.8 | 128.1 | 116.3 |
| 67.5° | 124.8 | 130.8 | 141.2 | 156.0 | 164.1 | 165.8 | 152.8 | 134.8 | 115.3 | 102.6 | 93.7 |
| 70° | 108.9 | 113.2 | 122.8 | 130.8 | 137.4 | 137.6 | 125.6 | 111.2 | 96.2 | 85.9 | 79.4 |
| 72.5° | 93.5 | 97.6 | 105.0 | 110.4 | 115.5 | 113.8 | 102.8 | 91.5 | 79.4 | 71.5 | 66.7 |
| 75° | 72.1 | 75.8 | 79.5 | 82.1 | 82.1 | 80.0 | 72.0 | 63.5 | 56.5 | 51.9 | 50.5 |
| 77.5° | 52.4 | 55.4 | 56.7 | 56.3 | 55.6 | 52.3 | 47.2 | 41.6 | 39.1 | 37.0 | 35.8 |
| 80° | 41.2 | 42.4 | 42.8 | 41.8 | 40.5 | 36.7 | 33.3 | 31.0 | 28.7 | 27.8 | 27.5 |
| 82.5° | 30.5 | 31.7 | 30.5 | 30.9 | 28.0 | 24.9 | 23.0 | 22.2 | 21.3 | 21.0 | 20.5 |
| 85° | 16.2 | 16.1 | 15.6 | 14.5 | 12.7 | 12.2 | 12.0 | 11.9 | 11.4 | 11.6 | 11.1 |
| 87.5° | 6.0 | 5.9 | 5.4 | 5.4 | 5.4 | 5.8 | 6.0 | 6.2 | 6.6 | 6.2 | 6.7 |
| 90° | 2.1 | 4.2 | 4.9 | 5.6 | 5.6 | 9.7 | 9.7 | 11.1 | 12.6 | 11.9 | 12.6 |
| 92.5° | 11.6 | 18.1 | 26.7 | 36.8 | 51.3 | 86.8 | 140.8 | 193.6 | 221.1 | 184.2 | 137.0 |
| 95° | 25.1 | 32.1 | 41.1 | 57.9 | 87.1 | 147.8 | 262.2 | 428.8 | 568.3 | 584.3 | 516.7 |
| 97.5° | 41.3 | 47.3 | 55.6 | 70.0 | 94.5 | 141.2 | 235.7 | 401.4 | 598.5 | 734.1 | 763.3 |
| 100° | 53.0 | 57.9 | 66.3 | 79.5 | 101.8 | 142.9 | 221.8 | 364.0 | 560.6 | 739.0 | 840.9 |
| 102.5° | 65.3 | 69.6 | 77.4 | 90.1 | 111.3 | 148.5 | 217.8 | 338.9 | 513.2 | 697.2 | 837.0 |
| 105° | 83.6 | 87.1 | 95.5 | 108.1 | 128.3 | 161.8 | 219.6 | 317.3 | 457.4 | 621.3 | 781.0 |
| 107.5° | 102.2 | 105.7 | 114.6 | 126.6 | 146.6 | 177.3 | 230.0 | 313.3 | 426.1 | 559.9 | 701.3 |
| 110° | 115.0 | 118.5 | 126.9 | 139.5 | 158.3 | 189.0 | 237.7 | 314.4 | 415.5 | 529.2 | 653.4 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 127.3 | 131.3 | 139.2 | 151.7 | 170.6 | 200.1 | 246.1 | 317.8 | 410.5 | 511.9 | 618.2 |
| 115° | 145.7 | 150.6 | 157.6 | 170.9 | 189.7 | 217.6 | 259.4 | 324.2 | 407.9 | 495.7 | 582.9 |
| 117.5° | 164.0 | 168.4 | 176.0 | 188.4 | 207.9 | 234.4 | 272.9 | 331.1 | 407.2 | 488.5 | 565.6 |
| 120° | 175.7 | 180.6 | 188.2 | 200.1 | 219.6 | 246.1 | 282.4 | 336.1 | 407.2 | 484.6 | 557.8 |
| 122.5° | 186.9 | 191.7 | 198.9 | 211.8 | 230.8 | 257.3 | 291.3 | 341.1 | 406.6 | 480.1 | 551.1 |
| 125° | 202.9 | 207.1 | 214.7 | 228.0 | 247.5 | 272.6 | 304.7 | 348.7 | 405.8 | 472.7 | 539.7 |
| 127.5° | 215.3 | 220.3 | 229.1 | 242.9 | 262.6 | 286.9 | 316.3 | 354.6 | 404.3 | 462.8 | 525.8 |
| 130° | 223.1 | 228.7 | 239.2 | 252.4 | 272.6 | 296.3 | 323.5 | 359.1 | 403.7 | 456.7 | 514.6 |
| 132.5° | 229.8 | 237.1 | 247.0 | 261.4 | 280.4 | 304.2 | 330.7 | 363.0 | 403.1 | 451.1 | 502.8 |
| 135° | 240.6 | 247.5 | 259.4 | 274.0 | 292.1 | 315.1 | 340.3 | 368.8 | 402.3 | 442.7 | 486.7 |
| 137.5° | 250.6 | 258.2 | 269.6 | 284.7 | 302.0 | 323.5 | 347.0 | 372.3 | 402.2 | 435.5 | 472.1 |
| 140° | 257.3 | 264.9 | 276.8 | 291.4 | 308.2 | 329.1 | 351.4 | 375.1 | 401.6 | 431.6 | 463.7 |
| 142.5° | 265.1 | 272.2 | 283.5 | 297.6 | 313.8 | 334.1 | 354.7 | 377.4 | 401.6 | 428.3 | 455.8 |
| 145° | 276.1 | 283.1 | 292.8 | 306.1 | 321.5 | 339.6 | 358.4 | 378.6 | 400.2 | 422.5 | 444.9 |
| 147.5° | 287.1 | 293.3 | 303.3 | 314.3 | 328.1 | 345.2 | 361.6 | 379.3 | 397.7 | 417.4 | 435.8 |
| 150° | 295.0 | 300.5 | 308.9 | 319.3 | 332.6 | 347.9 | 363.3 | 379.3 | 396.0 | 413.5 | 430.2 |
| 152.5° | 301.7 | 307.2 | 315.0 | 324.4 | 336.5 | 350.2 | 364.4 | 378.2 | 393.2 | 409.0 | 424.1 |
| 155° | 312.4 | 316.6 | 323.5 | 331.2 | 341.6 | 353.5 | 365.3 | 376.5 | 389.1 | 402.3 | 414.8 |
| 157.5° | 321.6 | 325.5 | 330.9 | 337.6 | 345.8 | 355.9 | 365.3 | 374.7 | 384.8 | 395.5 | 404.9 |
| 160° | 327.7 | 330.5 | 335.4 | 341.0 | 348.7 | 357.0 | 365.3 | 373.0 | 381.4 | 390.5 | 398.9 |
| 162.5° | 332.7 | 334.9 | 339.3 | 344.3 | 350.3 | 358.1 | 365.3 | 371.4 | 378.1 | 386.0 | 392.7 |
| 165° | 339.6 | 341.0 | 344.5 | 347.9 | 352.1 | 358.4 | 364.0 | 368.2 | 373.0 | 378.6 | 384.1 |
| 167.5° | 345.2 | 345.8 | 348.5 | 350.4 | 353.7 | 358.3 | 362.3 | 364.8 | 368.0 | 371.9 | 375.9 |
| 170° | 347.9 | 348.7 | 350.7 | 352.1 | 354.2 | 357.7 | 361.1 | 362.6 | 364.6 | 367.5 | 371.0 |
| 172.5° | 350.7 | 350.9 | 352.4 | 353.2 | 354.7 | 357.1 | 360.1 | 360.3 | 361.3 | 363.6 | 366.5 |
| 175° | 353.5 | 353.5 | 354.2 | 354.9 | 354.9 | 356.3 | 358.4 | 357.7 | 357.7 | 359.1 | 360.5 |
| 177.5° | 354.9 | 354.4 | 354.9 | 354.9 | 354.9 | 355.4 | 356.6 | 355.4 | 355.4 | 356.0 | 356.6 |
| 180° | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|--------|--------|--------|--------|
| 0° | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 | 523.8 |
| 2.5° | 549.5 | 550.1 | 550.6 | 552.3 | 552.5 | 554.0 | 552.5 |
| 5° | 594.9 | 597.9 | 602.5 | 607.2 | 607.6 | 610.6 | 605.3 |
| 7.5° | 645.9 | 652.7 | 657.0 | 664.5 | 667.4 | 669.3 | 666.3 |
| 10° | 681.0 | 687.3 | 698.6 | 704.0 | 709.5 | 710.3 | 707.8 |
| 12.5° | 715.0 | 725.0 | 733.8 | 744.2 | 744.0 | 751.4 | 748.7 |
| 15° | 760.2 | 770.5 | 782.7 | 794.3 | 798.5 | 798.5 | 801.9 |
| 17.5° | 792.4 | 811.4 | 824.0 | 833.1 | 843.1 | 844.8 | 843.6 |
| 20° | 814.2 | 834.6 | 848.2 | 860.0 | 866.7 | 868.6 | 868.6 |
| 22.5° | 830.4 | 847.8 | 861.0 | 871.6 | 877.2 | 879.4 | 878.8 |
| 25° | 841.6 | 856.6 | 864.6 | 867.8 | 869.2 | 868.9 | 864.9 |
| 27.5° | 826.3 | 825.5 | 820.6 | 810.8 | 803.5 | 799.1 | 794.0 |
| 30° | 796.9 | 785.9 | 773.2 | 759.3 | 741.4 | 727.6 | 723.4 |
| 32.5° | 753.1 | 728.5 | 707.0 | 683.9 | 664.6 | 650.9 | 645.1 |
| 35° | 668.6 | 629.5 | 597.6 | 569.8 | 549.6 | 536.9 | 532.6 |
| 37.5° | 568.2 | 530.4 | 491.0 | 464.0 | 447.1 | 434.4 | 429.6 |
| 40° | 504.4 | 463.2 | 428.8 | 403.5 | 386.2 | 373.7 | 373.5 |
| 42.5° | 446.1 | 406.8 | 374.4 | 356.2 | 337.6 | 329.3 | 329.3 |
| 45° | 365.3 | 333.9 | 306.4 | 292.0 | 280.9 | 274.1 | 272.2 |
| 47.5° | 302.5 | 276.4 | 258.2 | 246.7 | 237.6 | 233.4 | 230.5 |
| 50° | 267.2 | 244.4 | 229.8 | 219.9 | 214.8 | 209.4 | 208.9 |
| 52.5° | 237.8 | 219.4 | 208.0 | 200.0 | 193.6 | 190.3 | 190.4 |
| 55° | 199.8 | 185.3 | 177.3 | 171.1 | 166.1 | 163.5 | 162.5 |
| 57.5° | 168.4 | 157.5 | 151.6 | 146.0 | 143.8 | 141.9 | 141.3 |
| 60° | 148.8 | 141.4 | 135.9 | 131.4 | 128.3 | 127.7 | 127.4 |
| 62.5° | 132.6 | 124.8 | 121.1 | 117.6 | 115.3 | 114.3 | 114.0 |
| 65° | 109.3 | 103.6 | 100.2 | 97.5 | 96.7 | 95.1 | 95.0 |
| 67.5° | 88.1 | 84.7 | 82.5 | 80.6 | 79.5 | 79.4 | 79.4 |
| 70° | 75.2 | 73.2 | 71.3 | 70.3 | 69.6 | 69.2 | 69.2 |
| 72.5° | 64.0 | 62.6 | 61.0 | 60.5 | 60.4 | 59.9 | 59.7 |
| 75° | 48.8 | 47.3 | 47.5 | 46.5 | 45.6 | 44.5 | 43.9 |
| 77.5° | 34.6 | 33.5 | 33.3 | 33.2 | 32.5 | 32.4 | 32.6 |
| 80° | 26.8 | 25.8 | 25.5 | 25.8 | 25.5 | 24.9 | 24.9 |
| 82.5° | 20.4 | 19.5 | 19.3 | 19.2 | 19.0 | 19.2 | 18.8 |
| 85° | 11.0 | 10.5 | 10.5 | 10.5 | 11.0 | 10.8 | 10.5 |
| 87.5° | 6.5 | 6.5 | 6.7 | 6.6 | 6.8 | 6.5 | 6.6 |
| 90° | 13.3 | 13.9 | 13.9 | 14.6 | 15.3 | 14.6 | 14.6 |
| 92.5° | 103.1 | 82.0 | 68.0 | 59.8 | 56.1 | 53.7 | 53.7 |
| 95° | 408.6 | 315.1 | 247.5 | 213.4 | 191.7 | 179.2 | 170.1 |
| 97.5° | 723.2 | 655.0 | 582.2 | 532.2 | 490.2 | 469.2 | 454.8 |
| 100° | 854.8 | 820.6 | 769.1 | 708.4 | 665.8 | 645.0 | 639.4 |
| 102.5° | 906.2 | 916.1 | 894.6 | 857.4 | 826.5 | 804.5 | 800.0 |
| 105° | 901.5 | 970.5 | 999.2 | 1000.6 | 995.0 | 985.3 | 981.1 |
| 107.5° | 829.7 | 926.9 | 989.1 | 1023.6 | 1039.5 | 1046.4 | 1048.2 |
| 110° | 773.9 | 875.0 | 951.7 | 1001.2 | 1030.6 | 1043.1 | 1049.4 |



TEST NUMBER: P332879-940

CATALOG NUMBER: SA4XXRDIP-C350D810U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 724.9 | 820.4 | 897.1 | 953.2 | 988.7 | 1006.3 | 1016.5 |
| 115° | 668.7 | 750.2 | 817.2 | 872.3 | 914.1 | 936.4 | 942.0 |
| 117.5° | 636.6 | 700.7 | 757.5 | 804.5 | 839.6 | 862.2 | 866.6 |
| 120° | 622.7 | 678.4 | 727.9 | 767.7 | 798.3 | 816.5 | 824.1 |
| 122.5° | 613.7 | 664.5 | 707.8 | 741.5 | 767.7 | 783.0 | 790.7 |
| 125° | 599.7 | 647.7 | 686.1 | 714.0 | 734.2 | 747.4 | 751.6 |
| 127.5° | 583.0 | 631.0 | 667.4 | 695.4 | 713.5 | 724.6 | 728.8 |
| 130° | 569.6 | 617.1 | 654.0 | 682.6 | 700.1 | 711.2 | 715.4 |
| 132.5° | 554.6 | 600.9 | 637.8 | 665.8 | 685.5 | 696.2 | 700.3 |
| 135° | 532.0 | 574.5 | 609.4 | 637.3 | 656.8 | 668.0 | 672.2 |
| 137.5° | 510.4 | 546.3 | 577.7 | 603.8 | 623.0 | 632.2 | 637.3 |
| 140° | 496.4 | 527.8 | 557.1 | 581.5 | 596.8 | 606.6 | 612.2 |
| 142.5° | 484.7 | 511.7 | 537.0 | 558.7 | 572.8 | 581.5 | 585.4 |
| 145° | 468.6 | 489.5 | 509.0 | 526.5 | 538.2 | 545.3 | 548.8 |
| 147.5° | 454.6 | 471.4 | 486.7 | 499.5 | 509.7 | 515.0 | 516.2 |
| 150° | 446.2 | 460.2 | 472.7 | 483.9 | 492.9 | 497.1 | 497.8 |
| 152.5° | 437.8 | 450.7 | 461.0 | 470.5 | 477.9 | 480.4 | 481.1 |
| 155° | 426.1 | 436.5 | 444.9 | 451.8 | 457.4 | 459.5 | 459.5 |
| 157.5° | 414.3 | 423.1 | 429.8 | 435.1 | 439.3 | 440.5 | 440.5 |
| 160° | 406.5 | 414.2 | 419.7 | 423.9 | 428.1 | 428.8 | 428.8 |
| 162.5° | 399.2 | 405.3 | 410.3 | 413.3 | 417.5 | 418.2 | 417.7 |
| 165° | 388.3 | 393.2 | 396.7 | 399.5 | 402.3 | 401.6 | 400.9 |
| 167.5° | 379.2 | 383.1 | 385.1 | 386.6 | 388.3 | 388.3 | 387.6 |
| 170° | 373.0 | 375.9 | 377.9 | 379.3 | 380.0 | 379.3 | 379.3 |
| 172.5° | 368.0 | 369.7 | 371.2 | 372.0 | 372.7 | 372.0 | 371.0 |
| 175° | 361.1 | 362.6 | 362.6 | 362.6 | 364.0 | 362.6 | 361.1 |
| 177.5° | 357.1 | 357.1 | 357.7 | 357.1 | 357.7 | 356.6 | 355.4 |
| 180° | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 | 354.9 |

(END OF REPORT)