

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: P332885-940

Luminaire Tested: **SA4XXRDIP-C350D1035U940-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P332885-940  
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-C350D1035U940-4F0-1E-UDD-A4  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 350 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1035 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

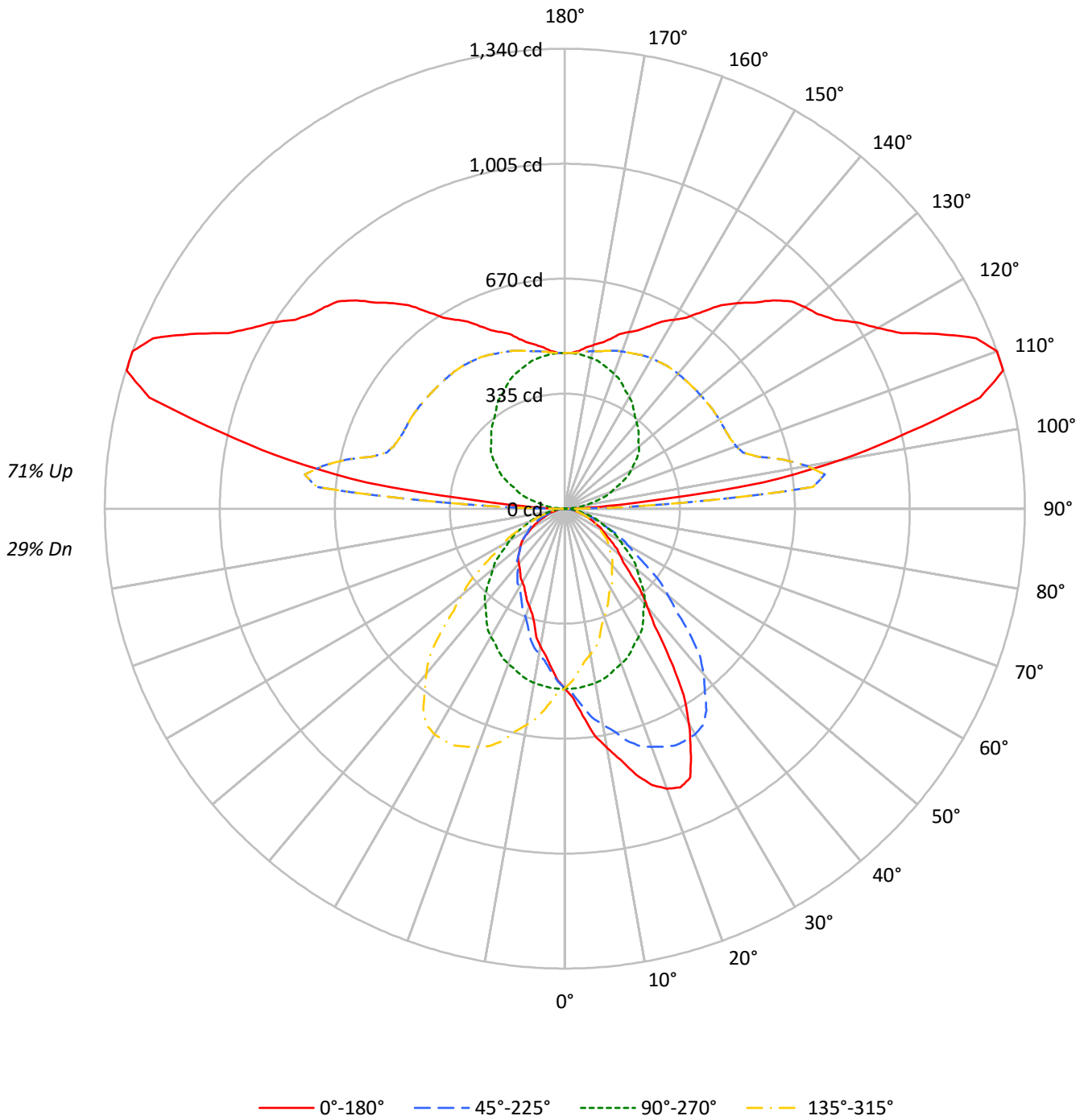
Lumens per Lamp: N/A  
Luminaire Lumens: 4622.0 lumens  
Efficiency: N/A  
Efficacy: 123.9 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 37.3  
Input Voltage (V): 120  
Input Current (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: P332885-940

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### Luminous Intensity Polar Plot





TEST NUMBER: P332885-940

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**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   | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 72 | 72 | 72 | 53 | 53 | 53 | 37 | 37 | 37 | 29 |    |    |    |   |
| 1   | 93  | 89  | 86  | 82  | 83 | 80 | 77 | 74 | 63 | 61 | 59 | 47 | 46 | 45 | 33 | 32 | 31 | 25 |    |    |    |   |
| 2   | 85  | 78  | 72  | 68  | 76 | 70 | 65 | 61 | 55 | 52 | 49 | 42 | 40 | 38 | 29 | 28 | 27 | 21 |    |    |    |   |
| 3   | 78  | 69  | 62  | 56  | 69 | 62 | 56 | 51 | 49 | 45 | 42 | 37 | 34 | 32 | 26 | 24 | 23 | 18 |    |    |    |   |
| 4   | 71  | 61  | 53  | 48  | 64 | 55 | 49 | 44 | 44 | 39 | 36 | 33 | 30 | 28 | 23 | 22 | 20 | 16 |    |    |    |   |
| 5   | 65  | 54  | 47  | 41  | 58 | 49 | 42 | 37 | 39 | 34 | 31 | 30 | 27 | 24 | 21 | 19 | 18 | 14 |    |    |    |   |
| 6   | 60  | 49  | 41  | 35  | 54 | 44 | 37 | 32 | 35 | 30 | 27 | 27 | 24 | 21 | 19 | 17 | 15 | 12 |    |    |    |   |
| 7   | 55  | 44  | 36  | 31  | 50 | 40 | 33 | 28 | 32 | 27 | 23 | 24 | 21 | 19 | 18 | 15 | 14 | 11 |    |    |    |   |
| 8   | 51  | 40  | 32  | 27  | 46 | 36 | 30 | 25 | 29 | 24 | 21 | 22 | 19 | 17 | 16 | 14 | 12 | 10 |    |    |    |   |
| 9   | 48  | 36  | 29  | 24  | 43 | 33 | 27 | 22 | 26 | 22 | 19 | 20 | 17 | 15 | 15 | 13 | 11 | 9  |    |    |    |   |
| 10  | 45  | 33  | 26  | 22  | 40 | 30 | 24 | 20 | 24 | 20 | 17 | 19 | 16 | 13 | 14 | 12 | 10 | 8  |    |    |    |   |

**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 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 50.8   | 1.1       |
| 10°-20°   | 153.1  | 3.3       |
| 20°-30°   | 239.4  | 5.2       |
| 30°-40°   | 266.2  | 5.8       |
| 40°-50°   | 236.2  | 5.1       |
| 50°-60°   | 184.0  | 4.0       |
| 60°-70°   | 120.5  | 2.6       |
| 70°-80°   | 59.3   | 1.3       |
| 80°-90°   | 17.1   | 0.4       |
| 90°-100°  | 327.3  | 7.1       |
| 100°-110° | 681.1  | 14.7      |
| 110°-120° | 610.1  | 13.2      |
| 120°-130° | 513.2  | 11.1      |
| 130°-140° | 427.9  | 9.3       |
| 140°-150° | 326.9  | 7.1       |
| 150°-160° | 229.8  | 5.0       |
| 160°-170° | 135.2  | 2.9       |
| 170°-180° | 44.0   | 1.0       |
| 0°-30°    | 443.3  | 9.6       |
| 0°-40°    | 709.5  | 15.4      |
| 0°-60°    | 1129.7 | 24.4      |
| 0°-90°    | 1326.5 | 28.7      |
| 90°-120°  | 1618.5 | 35.0      |
| 90°-150°  | 2886.5 | 62.5      |
| 90°-180°  | 3295.0 | 71.3      |
| 0°-180°   | 4622.0 | 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°  | 19   | 1   | 19   | 1    | 19   | 16   |
| 95°  | 217  | 29  | 217  | 29   | 217  | 337  |
| 105° | 1252 | 104 | 1252 | 104  | 1252 | 1238 |
| 115° | 1203 | 183 | 1203 | 183  | 1203 | 1194 |
| 125° | 960  | 256 | 960  | 256  | 960  | 872  |
| 135° | 858  | 304 | 858  | 304  | 858  | 662  |
| 145° | 701  | 350 | 701  | 350  | 701  | 444  |
| 155° | 587  | 398 | 587  | 398  | 587  | 274  |
| 165° | 512  | 434 | 512  | 434  | 512  | 147  |
| 175° | 461  | 452 | 461  | 452  | 461  | 45   |
| 180° | 453  | 453 | 453  | 453  | 453  |      |



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**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°  | 7.5    | 7.3    | 7.7    | 7.5    | 7.4    | 7.3    | 7.2    | 7.4    | 6.9   | 7.2   | 6.9   |
| 90°    | 18.7   | 18.7   | 19.6   | 18.7   | 17.8   | 17.8   | 16.9   | 16.1   | 15.2  | 16.1  | 14.3  |
| 92.5°  | 68.6   | 68.6   | 71.6   | 76.4   | 86.9   | 104.7  | 131.6  | 174.9  | 235.2 | 282.4 | 247.1 |
| 95°    | 217.2  | 228.8  | 244.8  | 272.4  | 316.0  | 402.3  | 521.7  | 659.6  | 746.0 | 725.5 | 547.5 |
| 97.5°  | 580.6  | 599.1  | 625.8  | 679.4  | 743.3  | 836.2  | 923.3  | 974.6  | 937.2 | 764.1 | 512.4 |
| 100°   | 816.4  | 823.4  | 850.2  | 904.5  | 981.9  | 1047.8 | 1091.4 | 1073.6 | 943.6 | 715.7 | 464.7 |
| 102.5° | 1021.5 | 1027.2 | 1055.3 | 1094.6 | 1142.1 | 1169.6 | 1156.9 | 1068.6 | 890.2 | 655.2 | 432.7 |
| 105°   | 1252.5 | 1257.8 | 1270.3 | 1277.5 | 1275.7 | 1239.1 | 1151.0 | 997.0  | 793.2 | 584.0 | 405.0 |
| 107.5° | 1338.4 | 1336.1 | 1327.1 | 1306.8 | 1262.8 | 1183.5 | 1059.4 | 895.4  | 714.8 | 544.1 | 400.0 |
| 110°   | 1339.8 | 1331.8 | 1315.7 | 1278.4 | 1215.1 | 1117.2 | 988.1  | 834.1  | 675.6 | 530.6 | 401.4 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 112.5° | 1297.7 | 1284.8 | 1262.3 | 1217.1 | 1145.3 | 1047.4 | 925.4 | 789.3 | 653.6 | 524.1 | 405.7 |
| 115°   | 1202.7 | 1195.5 | 1167.1 | 1113.7 | 1043.3 | 957.9  | 853.7 | 744.2 | 632.9 | 520.8 | 413.9 |
| 117.5° | 1106.3 | 1100.8 | 1072.0 | 1027.2 | 967.1  | 894.7  | 812.8 | 722.1 | 623.7 | 519.9 | 422.7 |
| 120°   | 1052.2 | 1042.4 | 1019.3 | 980.1  | 929.3  | 866.2  | 795.0 | 712.1 | 618.7 | 519.9 | 429.1 |
| 122.5° | 1009.5 | 999.7  | 980.1  | 946.6  | 903.7  | 848.4  | 783.5 | 703.6 | 613.0 | 519.2 | 435.5 |
| 125°   | 959.7  | 954.3  | 937.4  | 911.6  | 875.9  | 827.0  | 765.5 | 689.0 | 603.6 | 518.1 | 445.1 |
| 127.5° | 930.4  | 925.1  | 910.9  | 887.9  | 852.1  | 805.7  | 744.4 | 671.2 | 590.9 | 516.1 | 452.7 |
| 130°   | 913.4  | 908.0  | 893.8  | 871.5  | 835.0  | 787.8  | 727.3 | 657.0 | 583.1 | 515.4 | 458.4 |
| 132.5° | 894.1  | 888.8  | 875.2  | 850.2  | 814.4  | 767.1  | 708.1 | 642.0 | 576.0 | 514.7 | 463.4 |
| 135°   | 858.2  | 852.8  | 838.6  | 813.7  | 778.0  | 733.5  | 679.2 | 621.3 | 565.3 | 513.6 | 470.9 |
| 137.5° | 813.7  | 807.3  | 795.5  | 770.9  | 737.6  | 697.4  | 651.7 | 602.7 | 556.0 | 513.4 | 475.4 |
| 140°   | 781.6  | 774.5  | 762.1  | 742.4  | 711.2  | 673.9  | 633.8 | 592.0 | 551.1 | 512.7 | 478.9 |
| 142.5° | 747.4  | 742.4  | 731.4  | 713.2  | 685.6  | 653.3  | 618.8 | 582.0 | 546.8 | 512.7 | 481.8 |
| 145°   | 700.6  | 696.2  | 687.2  | 672.1  | 649.9  | 624.9  | 598.2 | 567.9 | 539.5 | 511.0 | 483.4 |
| 147.5° | 659.1  | 657.5  | 650.8  | 637.8  | 621.3  | 601.8  | 580.4 | 556.3 | 532.9 | 507.7 | 484.3 |
| 150°   | 635.6  | 634.7  | 629.4  | 617.8  | 603.6  | 587.5  | 569.7 | 549.3 | 527.9 | 505.6 | 484.3 |
| 152.5° | 614.2  | 613.3  | 610.1  | 600.7  | 588.6  | 575.4  | 559.0 | 541.4 | 522.2 | 502.0 | 482.9 |
| 155°   | 586.7  | 586.7  | 584.0  | 576.8  | 567.9  | 557.2  | 543.9 | 529.7 | 513.6 | 496.8 | 480.7 |
| 157.5° | 562.4  | 562.4  | 560.8  | 555.4  | 548.8  | 540.2  | 529.0 | 517.0 | 504.9 | 491.2 | 478.4 |
| 160°   | 547.5  | 547.5  | 546.6  | 541.3  | 535.9  | 528.8  | 519.0 | 509.2 | 498.6 | 487.0 | 476.3 |
| 162.5° | 533.2  | 534.0  | 533.1  | 527.7  | 523.8  | 517.4  | 509.7 | 501.3 | 492.8 | 482.7 | 474.1 |
| 165°   | 511.8  | 512.7  | 513.6  | 510.1  | 506.5  | 502.0  | 495.9 | 490.5 | 483.4 | 476.3 | 470.0 |
| 167.5° | 495.0  | 495.7  | 495.9  | 493.6  | 491.8  | 489.1  | 484.1 | 480.0 | 474.8 | 469.8 | 465.7 |
| 170°   | 484.3  | 484.3  | 485.2  | 484.3  | 482.5  | 479.8  | 476.3 | 473.6 | 469.1 | 465.6 | 462.9 |
| 172.5° | 473.6  | 475.0  | 475.9  | 475.0  | 473.9  | 472.0  | 469.8 | 467.9 | 464.1 | 461.3 | 460.0 |
| 175°   | 461.1  | 462.9  | 464.7  | 462.9  | 462.9  | 462.9  | 461.1 | 460.2 | 458.4 | 456.6 | 456.6 |
| 177.5° | 453.8  | 455.2  | 456.6  | 455.9  | 456.6  | 455.9  | 455.9 | 455.2 | 454.5 | 453.8 | 453.8 |
| 180°   | 453.1  | 453.1  | 453.1  | 453.1  | 453.1  | 453.1  | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 |



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**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°  | 6.5   | 6.3   | 5.6   | 5.6   | 5.6   | 6.2   | 6.1   | 5.9   | 5.8   | 5.8   | 5.4   |
| 90°    | 12.5  | 12.5  | 7.1   | 7.1   | 6.2   | 5.4   | 2.7   | 0.9   | 2.7   | 5.4   | 6.2   |
| 92.5°  | 179.9 | 110.8 | 65.5  | 47.0  | 34.0  | 23.2  | 14.8  | 10.2  | 14.8  | 23.2  | 34.0  |
| 95°    | 334.7 | 188.7 | 111.3 | 73.9  | 52.5  | 40.9  | 32.0  | 29.3  | 32.0  | 40.9  | 52.5  |
| 97.5°  | 300.9 | 180.4 | 120.7 | 89.3  | 71.1  | 60.4  | 52.7  | 52.7  | 52.7  | 60.4  | 71.1  |
| 100°   | 283.1 | 182.5 | 130.0 | 101.5 | 84.5  | 73.9  | 67.7  | 67.7  | 67.7  | 73.9  | 84.5  |
| 102.5° | 278.1 | 189.6 | 142.0 | 115.0 | 98.8  | 88.8  | 83.3  | 81.9  | 83.3  | 88.8  | 98.8  |
| 105°   | 280.4 | 206.5 | 163.8 | 137.9 | 122.0 | 111.3 | 106.8 | 104.2 | 106.8 | 111.3 | 122.0 |
| 107.5° | 293.6 | 226.3 | 187.1 | 161.7 | 146.3 | 134.9 | 130.5 | 128.8 | 130.5 | 134.9 | 146.3 |
| 110°   | 303.5 | 241.2 | 202.1 | 178.1 | 162.0 | 151.3 | 146.9 | 145.1 | 146.9 | 151.3 | 162.0 |





TEST NUMBER: P332885-940

CATALOG NUMBER: SA4XXRDIP-C350D1035U940-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 314.2 | 255.5 | 217.8 | 193.7 | 177.7 | 167.7 | 162.6 | 160.8 | 162.6 | 167.7 | 177.7 |
| 115°   | 331.2 | 277.8 | 242.1 | 218.1 | 201.2 | 192.3 | 186.0 | 183.4 | 186.0 | 192.3 | 201.2 |
| 117.5° | 348.4 | 299.3 | 265.5 | 240.5 | 224.7 | 214.9 | 209.4 | 206.9 | 209.4 | 214.9 | 224.7 |
| 120°   | 360.5 | 314.2 | 280.4 | 255.5 | 240.3 | 230.6 | 224.4 | 222.6 | 224.4 | 230.6 | 240.3 |
| 122.5° | 371.9 | 328.5 | 294.6 | 270.5 | 253.9 | 244.8 | 238.5 | 236.8 | 238.5 | 244.8 | 253.9 |
| 125°   | 389.1 | 348.0 | 316.0 | 291.1 | 274.2 | 264.4 | 259.0 | 255.5 | 259.0 | 264.4 | 274.2 |
| 127.5° | 403.8 | 366.2 | 335.3 | 310.1 | 292.5 | 281.3 | 274.9 | 272.1 | 274.9 | 281.3 | 292.5 |
| 130°   | 413.0 | 378.4 | 348.0 | 322.3 | 305.3 | 291.9 | 284.9 | 281.3 | 284.9 | 291.9 | 305.3 |
| 132.5° | 422.3 | 388.3 | 358.0 | 333.7 | 315.3 | 302.6 | 293.4 | 290.5 | 293.4 | 302.6 | 315.3 |
| 135°   | 434.4 | 402.3 | 373.0 | 349.8 | 331.2 | 316.0 | 307.1 | 303.5 | 307.1 | 316.0 | 331.2 |
| 137.5° | 443.0 | 413.0 | 385.7 | 363.6 | 344.1 | 329.8 | 319.9 | 316.6 | 319.9 | 329.8 | 344.1 |
| 140°   | 448.6 | 420.2 | 393.5 | 372.1 | 353.4 | 338.3 | 328.5 | 325.8 | 328.5 | 338.3 | 353.4 |
| 142.5° | 452.9 | 426.6 | 400.6 | 380.0 | 361.9 | 347.5 | 338.5 | 335.8 | 338.5 | 347.5 | 361.9 |
| 145°   | 457.5 | 433.5 | 410.4 | 390.8 | 373.9 | 361.4 | 352.5 | 349.8 | 352.5 | 361.4 | 373.9 |
| 147.5° | 461.6 | 440.7 | 418.9 | 401.3 | 387.3 | 374.4 | 366.6 | 365.7 | 366.6 | 374.4 | 387.3 |
| 150°   | 463.8 | 444.3 | 424.6 | 407.7 | 394.4 | 383.7 | 376.6 | 375.7 | 376.6 | 383.7 | 394.4 |
| 152.5° | 465.2 | 447.1 | 429.6 | 414.1 | 402.2 | 392.3 | 385.1 | 385.0 | 385.1 | 392.3 | 402.2 |
| 155°   | 466.5 | 451.3 | 436.2 | 422.8 | 413.0 | 404.1 | 398.8 | 397.9 | 398.8 | 404.1 | 413.0 |
| 157.5° | 466.5 | 454.3 | 441.6 | 431.1 | 422.5 | 415.5 | 410.5 | 410.5 | 410.5 | 415.5 | 422.5 |
| 160°   | 466.5 | 455.8 | 445.1 | 435.3 | 428.2 | 422.0 | 418.4 | 418.4 | 418.4 | 422.0 | 428.2 |
| 162.5° | 466.5 | 457.2 | 447.3 | 439.6 | 433.2 | 427.7 | 424.8 | 425.5 | 424.8 | 427.7 | 433.2 |
| 165°   | 464.7 | 457.5 | 449.5 | 444.3 | 439.8 | 435.3 | 433.5 | 433.5 | 433.5 | 435.3 | 439.8 |
| 167.5° | 462.5 | 457.4 | 451.5 | 447.5 | 445.0 | 441.6 | 440.7 | 441.6 | 440.7 | 441.6 | 445.0 |
| 170°   | 461.1 | 456.6 | 452.2 | 449.5 | 447.8 | 445.1 | 444.3 | 445.1 | 444.3 | 445.1 | 447.8 |
| 172.5° | 459.7 | 455.9 | 452.9 | 450.9 | 449.9 | 447.9 | 447.8 | 448.6 | 447.8 | 447.9 | 449.9 |
| 175°   | 457.5 | 454.9 | 453.1 | 453.1 | 452.2 | 451.3 | 451.3 | 452.2 | 451.3 | 451.3 | 452.2 |
| 177.5° | 455.2 | 453.8 | 453.1 | 453.1 | 453.1 | 452.4 | 453.1 | 453.8 | 453.1 | 452.4 | 453.1 |
| 180°   | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 |



TEST NUMBER: P332885-940

CATALOG NUMBER: SA4XXRDIP-C350D1035U940-4F0-1E-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°  | 5.6   | 5.4   | 6.5   | 6.2   | 6.7   | 7.0   | 6.8   | 7.0    | 7.2    | 7.1    | 7.1    |
| 90°    | 7.1   | 7.1   | 12.5  | 12.5  | 14.3  | 16.1  | 15.2  | 16.1   | 16.9   | 17.8   | 17.8   |
| 92.5°  | 47.0  | 65.5  | 110.8 | 179.9 | 247.1 | 282.4 | 235.2 | 174.9  | 131.6  | 104.7  | 86.9   |
| 95°    | 73.9  | 111.3 | 188.7 | 334.7 | 547.5 | 725.5 | 746.0 | 659.6  | 521.7  | 402.3  | 316.0  |
| 97.5°  | 89.3  | 120.7 | 180.4 | 300.9 | 512.4 | 764.1 | 937.2 | 974.6  | 923.3  | 836.2  | 743.3  |
| 100°   | 101.5 | 130.0 | 182.5 | 283.1 | 464.7 | 715.7 | 943.6 | 1073.6 | 1091.4 | 1047.8 | 981.9  |
| 102.5° | 115.0 | 142.0 | 189.6 | 278.1 | 432.7 | 655.2 | 890.2 | 1068.6 | 1156.9 | 1169.6 | 1142.1 |
| 105°   | 137.9 | 163.8 | 206.5 | 280.4 | 405.0 | 584.0 | 793.2 | 997.0  | 1151.0 | 1239.1 | 1275.7 |
| 107.5° | 161.7 | 187.1 | 226.3 | 293.6 | 400.0 | 544.1 | 714.8 | 895.4  | 1059.4 | 1183.5 | 1262.8 |
| 110°   | 178.1 | 202.1 | 241.2 | 303.5 | 401.4 | 530.6 | 675.6 | 834.1  | 988.1  | 1117.2 | 1215.1 |



TEST NUMBER: P332885-940

CATALOG NUMBER: SA4XXRDIP-C350D1035U940-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°   | 160°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 193.7 | 217.8 | 255.5 | 314.2 | 405.7 | 524.1 | 653.6 | 789.3 | 925.4 | 1047.4 | 1145.3 |
| 115°   | 218.1 | 242.1 | 277.8 | 331.2 | 413.9 | 520.8 | 632.9 | 744.2 | 853.7 | 957.9  | 1043.3 |
| 117.5° | 240.5 | 265.5 | 299.3 | 348.4 | 422.7 | 519.9 | 623.7 | 722.1 | 812.8 | 894.7  | 967.1  |
| 120°   | 255.5 | 280.4 | 314.2 | 360.5 | 429.1 | 519.9 | 618.7 | 712.1 | 795.0 | 866.2  | 929.3  |
| 122.5° | 270.5 | 294.6 | 328.5 | 371.9 | 435.5 | 519.2 | 613.0 | 703.6 | 783.5 | 848.4  | 903.7  |
| 125°   | 291.1 | 316.0 | 348.0 | 389.1 | 445.1 | 518.1 | 603.6 | 689.0 | 765.5 | 827.0  | 875.9  |
| 127.5° | 310.1 | 335.3 | 366.2 | 403.8 | 452.7 | 516.1 | 590.9 | 671.2 | 744.4 | 805.7  | 852.1  |
| 130°   | 322.3 | 348.0 | 378.4 | 413.0 | 458.4 | 515.4 | 583.1 | 657.0 | 727.3 | 787.8  | 835.0  |
| 132.5° | 333.7 | 358.0 | 388.3 | 422.3 | 463.4 | 514.7 | 576.0 | 642.0 | 708.1 | 767.1  | 814.4  |
| 135°   | 349.8 | 373.0 | 402.3 | 434.4 | 470.9 | 513.6 | 565.3 | 621.3 | 679.2 | 733.5  | 778.0  |
| 137.5° | 363.6 | 385.7 | 413.0 | 443.0 | 475.4 | 513.4 | 556.0 | 602.7 | 651.7 | 697.4  | 737.6  |
| 140°   | 372.1 | 393.5 | 420.2 | 448.6 | 478.9 | 512.7 | 551.1 | 592.0 | 633.8 | 673.9  | 711.2  |
| 142.5° | 380.0 | 400.6 | 426.6 | 452.9 | 481.8 | 512.7 | 546.8 | 582.0 | 618.8 | 653.3  | 685.6  |
| 145°   | 390.8 | 410.4 | 433.5 | 457.5 | 483.4 | 511.0 | 539.5 | 567.9 | 598.2 | 624.9  | 649.9  |
| 147.5° | 401.3 | 418.9 | 440.7 | 461.6 | 484.3 | 507.7 | 532.9 | 556.3 | 580.4 | 601.8  | 621.3  |
| 150°   | 407.7 | 424.6 | 444.3 | 463.8 | 484.3 | 505.6 | 527.9 | 549.3 | 569.7 | 587.5  | 603.6  |
| 152.5° | 414.1 | 429.6 | 447.1 | 465.2 | 482.9 | 502.0 | 522.2 | 541.4 | 559.0 | 575.4  | 588.6  |
| 155°   | 422.8 | 436.2 | 451.3 | 466.5 | 480.7 | 496.8 | 513.6 | 529.7 | 543.9 | 557.2  | 567.9  |
| 157.5° | 431.1 | 441.6 | 454.3 | 466.5 | 478.4 | 491.2 | 504.9 | 517.0 | 529.0 | 540.2  | 548.8  |
| 160°   | 435.3 | 445.1 | 455.8 | 466.5 | 476.3 | 487.0 | 498.6 | 509.2 | 519.0 | 528.8  | 535.9  |
| 162.5° | 439.6 | 447.3 | 457.2 | 466.5 | 474.1 | 482.7 | 492.8 | 501.3 | 509.7 | 517.4  | 523.8  |
| 165°   | 444.3 | 449.5 | 457.5 | 464.7 | 470.0 | 476.3 | 483.4 | 490.5 | 495.9 | 502.0  | 506.5  |
| 167.5° | 447.5 | 451.5 | 457.4 | 462.5 | 465.7 | 469.8 | 474.8 | 480.0 | 484.1 | 489.1  | 491.8  |
| 170°   | 449.5 | 452.2 | 456.6 | 461.1 | 462.9 | 465.6 | 469.1 | 473.6 | 476.3 | 479.8  | 482.5  |
| 172.5° | 450.9 | 452.9 | 455.9 | 459.7 | 460.0 | 461.3 | 464.1 | 467.9 | 469.8 | 472.0  | 473.9  |
| 175°   | 453.1 | 453.1 | 454.9 | 457.5 | 456.6 | 456.6 | 458.4 | 460.2 | 461.1 | 462.9  | 462.9  |
| 177.5° | 453.1 | 453.1 | 453.8 | 455.2 | 453.8 | 453.8 | 454.5 | 455.2 | 455.9 | 455.9  | 456.6  |
| 180°   | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1  | 453.1  |



TEST NUMBER: P332885-940

CATALOG NUMBER: SA4XXRDIP-C350D1035U940-4F0-1E-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°  | 7.6    | 7.7    | 7.3    | 7.5    | 7.3    | 7.7    | 7.6    | 7.1    | 7.1    | 7.2    | 7.0    |
| 90°    | 18.7   | 19.6   | 18.7   | 18.7   | 18.7   | 19.6   | 18.7   | 17.8   | 17.8   | 16.9   | 16.1   |
| 92.5°  | 76.4   | 71.6   | 68.6   | 68.6   | 68.6   | 71.6   | 76.4   | 86.9   | 104.7  | 131.6  | 174.9  |
| 95°    | 272.4  | 244.8  | 228.8  | 217.2  | 228.8  | 244.8  | 272.4  | 316.0  | 402.3  | 521.7  | 659.6  |
| 97.5°  | 679.4  | 625.8  | 599.1  | 580.6  | 599.1  | 625.8  | 679.4  | 743.3  | 836.2  | 923.3  | 974.6  |
| 100°   | 904.5  | 850.2  | 823.4  | 816.4  | 823.4  | 850.2  | 904.5  | 981.9  | 1047.8 | 1091.4 | 1073.6 |
| 102.5° | 1094.6 | 1055.3 | 1027.2 | 1021.5 | 1027.2 | 1055.3 | 1094.6 | 1142.1 | 1169.6 | 1156.9 | 1068.6 |
| 105°   | 1277.5 | 1270.3 | 1257.8 | 1252.5 | 1257.8 | 1270.3 | 1277.5 | 1275.7 | 1239.1 | 1151.0 | 997.0  |
| 107.5° | 1306.8 | 1327.1 | 1336.1 | 1338.4 | 1336.1 | 1327.1 | 1306.8 | 1262.8 | 1183.5 | 1059.4 | 895.4  |
| 110°   | 1278.4 | 1315.7 | 1331.8 | 1339.8 | 1331.8 | 1315.7 | 1278.4 | 1215.1 | 1117.2 | 988.1  | 834.1  |



TEST NUMBER: P332885-940

CATALOG NUMBER: SA4XXRDIP-C350D1035U940-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°  | 215°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 1217.1 | 1262.3 | 1284.8 | 1297.7 | 1284.8 | 1262.3 | 1217.1 | 1145.3 | 1047.4 | 925.4 | 789.3 |
| 115°   | 1113.7 | 1167.1 | 1195.5 | 1202.7 | 1195.5 | 1167.1 | 1113.7 | 1043.3 | 957.9  | 853.7 | 744.2 |
| 117.5° | 1027.2 | 1072.0 | 1100.8 | 1106.3 | 1100.8 | 1072.0 | 1027.2 | 967.1  | 894.7  | 812.8 | 722.1 |
| 120°   | 980.1  | 1019.3 | 1042.4 | 1052.2 | 1042.4 | 1019.3 | 980.1  | 929.3  | 866.2  | 795.0 | 712.1 |
| 122.5° | 946.6  | 980.1  | 999.7  | 1009.5 | 999.7  | 980.1  | 946.6  | 903.7  | 848.4  | 783.5 | 703.6 |
| 125°   | 911.6  | 937.4  | 954.3  | 959.7  | 954.3  | 937.4  | 911.6  | 875.9  | 827.0  | 765.5 | 689.0 |
| 127.5° | 887.9  | 910.9  | 925.1  | 930.4  | 925.1  | 910.9  | 887.9  | 852.1  | 805.7  | 744.4 | 671.2 |
| 130°   | 871.5  | 893.8  | 908.0  | 913.4  | 908.0  | 893.8  | 871.5  | 835.0  | 787.8  | 727.3 | 657.0 |
| 132.5° | 850.2  | 875.2  | 888.8  | 894.1  | 888.8  | 875.2  | 850.2  | 814.4  | 767.1  | 708.1 | 642.0 |
| 135°   | 813.7  | 838.6  | 852.8  | 858.2  | 852.8  | 838.6  | 813.7  | 778.0  | 733.5  | 679.2 | 621.3 |
| 137.5° | 770.9  | 795.5  | 807.3  | 813.7  | 807.3  | 795.5  | 770.9  | 737.6  | 697.4  | 651.7 | 602.7 |
| 140°   | 742.4  | 762.1  | 774.5  | 781.6  | 774.5  | 762.1  | 742.4  | 711.2  | 673.9  | 633.8 | 592.0 |
| 142.5° | 713.2  | 731.4  | 742.4  | 747.4  | 742.4  | 731.4  | 713.2  | 685.6  | 653.3  | 618.8 | 582.0 |
| 145°   | 672.1  | 687.2  | 696.2  | 700.6  | 696.2  | 687.2  | 672.1  | 649.9  | 624.9  | 598.2 | 567.9 |
| 147.5° | 637.8  | 650.8  | 657.5  | 659.1  | 657.5  | 650.8  | 637.8  | 621.3  | 601.8  | 580.4 | 556.3 |
| 150°   | 617.8  | 629.4  | 634.7  | 635.6  | 634.7  | 629.4  | 617.8  | 603.6  | 587.5  | 569.7 | 549.3 |
| 152.5° | 600.7  | 610.1  | 613.3  | 614.2  | 613.3  | 610.1  | 600.7  | 588.6  | 575.4  | 559.0 | 541.4 |
| 155°   | 576.8  | 584.0  | 586.7  | 586.7  | 586.7  | 584.0  | 576.8  | 567.9  | 557.2  | 543.9 | 529.7 |
| 157.5° | 555.4  | 560.8  | 562.4  | 562.4  | 562.4  | 560.8  | 555.4  | 548.8  | 540.2  | 529.0 | 517.0 |
| 160°   | 541.3  | 546.6  | 547.5  | 547.5  | 547.5  | 546.6  | 541.3  | 535.9  | 528.8  | 519.0 | 509.2 |
| 162.5° | 527.7  | 533.1  | 534.0  | 533.2  | 534.0  | 533.1  | 527.7  | 523.8  | 517.4  | 509.7 | 501.3 |
| 165°   | 510.1  | 513.6  | 512.7  | 511.8  | 512.7  | 513.6  | 510.1  | 506.5  | 502.0  | 495.9 | 490.5 |
| 167.5° | 493.6  | 495.9  | 495.7  | 495.0  | 495.7  | 495.9  | 493.6  | 491.8  | 489.1  | 484.1 | 480.0 |
| 170°   | 484.3  | 485.2  | 484.3  | 484.3  | 484.3  | 485.2  | 484.3  | 482.5  | 479.8  | 476.3 | 473.6 |
| 172.5° | 475.0  | 475.9  | 475.0  | 473.6  | 475.0  | 475.9  | 475.0  | 473.9  | 472.0  | 469.8 | 467.9 |
| 175°   | 462.9  | 464.7  | 462.9  | 461.1  | 462.9  | 464.7  | 462.9  | 462.9  | 462.9  | 461.1 | 460.2 |
| 177.5° | 455.9  | 456.6  | 455.2  | 453.8  | 455.2  | 456.6  | 455.9  | 456.6  | 455.9  | 455.9 | 455.2 |
| 180°   | 453.1  | 453.1  | 453.1  | 453.1  | 453.1  | 453.1  | 453.1  | 453.1  | 453.1  | 453.1 | 453.1 |



TEST NUMBER: P332885-940

CATALOG NUMBER: SA4XXRDIP-C350D1035U940-4F0-1E-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°  | 6.8   | 7.0   | 6.7   | 6.2   | 6.5   | 5.4   | 5.6   | 5.4   | 5.8   | 5.8   | 5.9   |
| 90°    | 15.2  | 16.1  | 14.3  | 12.5  | 12.5  | 7.1   | 7.1   | 6.2   | 5.4   | 2.7   | 0.9   |
| 92.5°  | 235.2 | 282.4 | 247.1 | 179.9 | 110.8 | 65.5  | 47.0  | 34.0  | 23.2  | 14.8  | 10.2  |
| 95°    | 746.0 | 725.5 | 547.5 | 334.7 | 188.7 | 111.3 | 73.9  | 52.5  | 40.9  | 32.0  | 29.3  |
| 97.5°  | 937.2 | 764.1 | 512.4 | 300.9 | 180.4 | 120.7 | 89.3  | 71.1  | 60.4  | 52.7  | 52.7  |
| 100°   | 943.6 | 715.7 | 464.7 | 283.1 | 182.5 | 130.0 | 101.5 | 84.5  | 73.9  | 67.7  | 67.7  |
| 102.5° | 890.2 | 655.2 | 432.7 | 278.1 | 189.6 | 142.0 | 115.0 | 98.8  | 88.8  | 83.3  | 81.9  |
| 105°   | 793.2 | 584.0 | 405.0 | 280.4 | 206.5 | 163.8 | 137.9 | 122.0 | 111.3 | 106.8 | 104.2 |
| 107.5° | 714.8 | 544.1 | 400.0 | 293.6 | 226.3 | 187.1 | 161.7 | 146.3 | 134.9 | 130.5 | 128.8 |
| 110°   | 675.6 | 530.6 | 401.4 | 303.5 | 241.2 | 202.1 | 178.1 | 162.0 | 151.3 | 146.9 | 145.1 |



TEST NUMBER: P332885-940

CATALOG NUMBER: SA4XXRDIP-C350D1035U940-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 653.6 | 524.1 | 405.7 | 314.2 | 255.5 | 217.8 | 193.7 | 177.7 | 167.7 | 162.6 | 160.8 |
| 115°   | 632.9 | 520.8 | 413.9 | 331.2 | 277.8 | 242.1 | 218.1 | 201.2 | 192.3 | 186.0 | 183.4 |
| 117.5° | 623.7 | 519.9 | 422.7 | 348.4 | 299.3 | 265.5 | 240.5 | 224.7 | 214.9 | 209.4 | 206.9 |
| 120°   | 618.7 | 519.9 | 429.1 | 360.5 | 314.2 | 280.4 | 255.5 | 240.3 | 230.6 | 224.4 | 222.6 |
| 122.5° | 613.0 | 519.2 | 435.5 | 371.9 | 328.5 | 294.6 | 270.5 | 253.9 | 244.8 | 238.5 | 236.8 |
| 125°   | 603.6 | 518.1 | 445.1 | 389.1 | 348.0 | 316.0 | 291.1 | 274.2 | 264.4 | 259.0 | 255.5 |
| 127.5° | 590.9 | 516.1 | 452.7 | 403.8 | 366.2 | 335.3 | 310.1 | 292.5 | 281.3 | 274.9 | 272.1 |
| 130°   | 583.1 | 515.4 | 458.4 | 413.0 | 378.4 | 348.0 | 322.3 | 305.3 | 291.9 | 284.9 | 281.3 |
| 132.5° | 576.0 | 514.7 | 463.4 | 422.3 | 388.3 | 358.0 | 333.7 | 315.3 | 302.6 | 293.4 | 290.5 |
| 135°   | 565.3 | 513.6 | 470.9 | 434.4 | 402.3 | 373.0 | 349.8 | 331.2 | 316.0 | 307.1 | 303.5 |
| 137.5° | 556.0 | 513.4 | 475.4 | 443.0 | 413.0 | 385.7 | 363.6 | 344.1 | 329.8 | 319.9 | 316.6 |
| 140°   | 551.1 | 512.7 | 478.9 | 448.6 | 420.2 | 393.5 | 372.1 | 353.4 | 338.3 | 328.5 | 325.8 |
| 142.5° | 546.8 | 512.7 | 481.8 | 452.9 | 426.6 | 400.6 | 380.0 | 361.9 | 347.5 | 338.5 | 335.8 |
| 145°   | 539.5 | 511.0 | 483.4 | 457.5 | 433.5 | 410.4 | 390.8 | 373.9 | 361.4 | 352.5 | 349.8 |
| 147.5° | 532.9 | 507.7 | 484.3 | 461.6 | 440.7 | 418.9 | 401.3 | 387.3 | 374.4 | 366.6 | 365.7 |
| 150°   | 527.9 | 505.6 | 484.3 | 463.8 | 444.3 | 424.6 | 407.7 | 394.4 | 383.7 | 376.6 | 375.7 |
| 152.5° | 522.2 | 502.0 | 482.9 | 465.2 | 447.1 | 429.6 | 414.1 | 402.2 | 392.3 | 385.1 | 385.0 |
| 155°   | 513.6 | 496.8 | 480.7 | 466.5 | 451.3 | 436.2 | 422.8 | 413.0 | 404.1 | 398.8 | 397.9 |
| 157.5° | 504.9 | 491.2 | 478.4 | 466.5 | 454.3 | 441.6 | 431.1 | 422.5 | 415.5 | 410.5 | 410.5 |
| 160°   | 498.6 | 487.0 | 476.3 | 466.5 | 455.8 | 445.1 | 435.3 | 428.2 | 422.0 | 418.4 | 418.4 |
| 162.5° | 492.8 | 482.7 | 474.1 | 466.5 | 457.2 | 447.3 | 439.6 | 433.2 | 427.7 | 424.8 | 425.5 |
| 165°   | 483.4 | 476.3 | 470.0 | 464.7 | 457.5 | 449.5 | 444.3 | 439.8 | 435.3 | 433.5 | 433.5 |
| 167.5° | 474.8 | 469.8 | 465.7 | 462.5 | 457.4 | 451.5 | 447.5 | 445.0 | 441.6 | 440.7 | 441.6 |
| 170°   | 469.1 | 465.6 | 462.9 | 461.1 | 456.6 | 452.2 | 449.5 | 447.8 | 445.1 | 444.3 | 445.1 |
| 172.5° | 464.1 | 461.3 | 460.0 | 459.7 | 455.9 | 452.9 | 450.9 | 449.9 | 447.9 | 447.8 | 448.6 |
| 175°   | 458.4 | 456.6 | 456.6 | 457.5 | 454.9 | 453.1 | 453.1 | 452.2 | 451.3 | 451.3 | 452.2 |
| 177.5° | 454.5 | 453.8 | 453.8 | 455.2 | 453.8 | 453.1 | 453.1 | 453.1 | 452.4 | 453.1 | 453.8 |
| 180°   | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 |



TEST NUMBER: P332885-940

CATALOG NUMBER: SA4XXRDIP-C350D1035U940-4F0-1E-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°  | 6.1   | 6.2   | 5.6   | 5.6   | 5.6   | 6.3   | 6.5   | 6.9   | 7.2   | 6.9   | 7.4    |
| 90°    | 2.7   | 5.4   | 6.2   | 7.1   | 7.1   | 12.5  | 12.5  | 14.3  | 16.1  | 15.2  | 16.1   |
| 92.5°  | 14.8  | 23.2  | 34.0  | 47.0  | 65.5  | 110.8 | 179.9 | 247.1 | 282.4 | 235.2 | 174.9  |
| 95°    | 32.0  | 40.9  | 52.5  | 73.9  | 111.3 | 188.7 | 334.7 | 547.5 | 725.5 | 746.0 | 659.6  |
| 97.5°  | 52.7  | 60.4  | 71.1  | 89.3  | 120.7 | 180.4 | 300.9 | 512.4 | 764.1 | 937.2 | 974.6  |
| 100°   | 67.7  | 73.9  | 84.5  | 101.5 | 130.0 | 182.5 | 283.1 | 464.7 | 715.7 | 943.6 | 1073.6 |
| 102.5° | 83.3  | 88.8  | 98.8  | 115.0 | 142.0 | 189.6 | 278.1 | 432.7 | 655.2 | 890.2 | 1068.6 |
| 105°   | 106.8 | 111.3 | 122.0 | 137.9 | 163.8 | 206.5 | 280.4 | 405.0 | 584.0 | 793.2 | 997.0  |
| 107.5° | 130.5 | 134.9 | 146.3 | 161.7 | 187.1 | 226.3 | 293.6 | 400.0 | 544.1 | 714.8 | 895.4  |
| 110°   | 146.9 | 151.3 | 162.0 | 178.1 | 202.1 | 241.2 | 303.5 | 401.4 | 530.6 | 675.6 | 834.1  |





TEST NUMBER: P332885-940

CATALOG NUMBER: SA4XXRDIP-C350D1035U940-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 162.6 | 167.7 | 177.7 | 193.7 | 217.8 | 255.5 | 314.2 | 405.7 | 524.1 | 653.6 | 789.3 |
| 115°   | 186.0 | 192.3 | 201.2 | 218.1 | 242.1 | 277.8 | 331.2 | 413.9 | 520.8 | 632.9 | 744.2 |
| 117.5° | 209.4 | 214.9 | 224.7 | 240.5 | 265.5 | 299.3 | 348.4 | 422.7 | 519.9 | 623.7 | 722.1 |
| 120°   | 224.4 | 230.6 | 240.3 | 255.5 | 280.4 | 314.2 | 360.5 | 429.1 | 519.9 | 618.7 | 712.1 |
| 122.5° | 238.5 | 244.8 | 253.9 | 270.5 | 294.6 | 328.5 | 371.9 | 435.5 | 519.2 | 613.0 | 703.6 |
| 125°   | 259.0 | 264.4 | 274.2 | 291.1 | 316.0 | 348.0 | 389.1 | 445.1 | 518.1 | 603.6 | 689.0 |
| 127.5° | 274.9 | 281.3 | 292.5 | 310.1 | 335.3 | 366.2 | 403.8 | 452.7 | 516.1 | 590.9 | 671.2 |
| 130°   | 284.9 | 291.9 | 305.3 | 322.3 | 348.0 | 378.4 | 413.0 | 458.4 | 515.4 | 583.1 | 657.0 |
| 132.5° | 293.4 | 302.6 | 315.3 | 333.7 | 358.0 | 388.3 | 422.3 | 463.4 | 514.7 | 576.0 | 642.0 |
| 135°   | 307.1 | 316.0 | 331.2 | 349.8 | 373.0 | 402.3 | 434.4 | 470.9 | 513.6 | 565.3 | 621.3 |
| 137.5° | 319.9 | 329.8 | 344.1 | 363.6 | 385.7 | 413.0 | 443.0 | 475.4 | 513.4 | 556.0 | 602.7 |
| 140°   | 328.5 | 338.3 | 353.4 | 372.1 | 393.5 | 420.2 | 448.6 | 478.9 | 512.7 | 551.1 | 592.0 |
| 142.5° | 338.5 | 347.5 | 361.9 | 380.0 | 400.6 | 426.6 | 452.9 | 481.8 | 512.7 | 546.8 | 582.0 |
| 145°   | 352.5 | 361.4 | 373.9 | 390.8 | 410.4 | 433.5 | 457.5 | 483.4 | 511.0 | 539.5 | 567.9 |
| 147.5° | 366.6 | 374.4 | 387.3 | 401.3 | 418.9 | 440.7 | 461.6 | 484.3 | 507.7 | 532.9 | 556.3 |
| 150°   | 376.6 | 383.7 | 394.4 | 407.7 | 424.6 | 444.3 | 463.8 | 484.3 | 505.6 | 527.9 | 549.3 |
| 152.5° | 385.1 | 392.3 | 402.2 | 414.1 | 429.6 | 447.1 | 465.2 | 482.9 | 502.0 | 522.2 | 541.4 |
| 155°   | 398.8 | 404.1 | 413.0 | 422.8 | 436.2 | 451.3 | 466.5 | 480.7 | 496.8 | 513.6 | 529.7 |
| 157.5° | 410.5 | 415.5 | 422.5 | 431.1 | 441.6 | 454.3 | 466.5 | 478.4 | 491.2 | 504.9 | 517.0 |
| 160°   | 418.4 | 422.0 | 428.2 | 435.3 | 445.1 | 455.8 | 466.5 | 476.3 | 487.0 | 498.6 | 509.2 |
| 162.5° | 424.8 | 427.7 | 433.2 | 439.6 | 447.3 | 457.2 | 466.5 | 474.1 | 482.7 | 492.8 | 501.3 |
| 165°   | 433.5 | 435.3 | 439.8 | 444.3 | 449.5 | 457.5 | 464.7 | 470.0 | 476.3 | 483.4 | 490.5 |
| 167.5° | 440.7 | 441.6 | 445.0 | 447.5 | 451.5 | 457.4 | 462.5 | 465.7 | 469.8 | 474.8 | 480.0 |
| 170°   | 444.3 | 445.1 | 447.8 | 449.5 | 452.2 | 456.6 | 461.1 | 462.9 | 465.6 | 469.1 | 473.6 |
| 172.5° | 447.8 | 447.9 | 449.9 | 450.9 | 452.9 | 455.9 | 459.7 | 460.0 | 461.3 | 464.1 | 467.9 |
| 175°   | 451.3 | 451.3 | 452.2 | 453.1 | 453.1 | 454.9 | 457.5 | 456.6 | 456.6 | 458.4 | 460.2 |
| 177.5° | 453.1 | 452.4 | 453.1 | 453.1 | 453.1 | 453.8 | 455.2 | 453.8 | 453.8 | 454.5 | 455.2 |
| 180°   | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 | 453.1 |



TEST NUMBER: P332885-940

CATALOG NUMBER: SA4XXRDIP-C350D1035U940-4F0-1E-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°  | 7.2    | 7.3    | 7.4    | 7.5    | 7.7    | 7.3    | 7.5    |
| 90°    | 16.9   | 17.8   | 17.8   | 18.7   | 19.6   | 18.7   | 18.7   |
| 92.5°  | 131.6  | 104.7  | 86.9   | 76.4   | 71.6   | 68.6   | 68.6   |
| 95°    | 521.7  | 402.3  | 316.0  | 272.4  | 244.8  | 228.8  | 217.2  |
| 97.5°  | 923.3  | 836.2  | 743.3  | 679.4  | 625.8  | 599.1  | 580.6  |
| 100°   | 1091.4 | 1047.8 | 981.9  | 904.5  | 850.2  | 823.4  | 816.4  |
| 102.5° | 1156.9 | 1169.6 | 1142.1 | 1094.6 | 1055.3 | 1027.2 | 1021.5 |
| 105°   | 1151.0 | 1239.1 | 1275.7 | 1277.5 | 1270.3 | 1257.8 | 1252.5 |
| 107.5° | 1059.4 | 1183.5 | 1262.8 | 1306.8 | 1327.1 | 1336.1 | 1338.4 |
| 110°   | 988.1  | 1117.2 | 1215.1 | 1278.4 | 1315.7 | 1331.8 | 1339.8 |



TEST NUMBER: P332885-940

CATALOG NUMBER: SA4XXRDIP-C350D1035U940-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|-------|--------|--------|--------|--------|--------|--------|
| 112.5° | 925.4 | 1047.4 | 1145.3 | 1217.1 | 1262.3 | 1284.8 | 1297.7 |
| 115°   | 853.7 | 957.9  | 1043.3 | 1113.7 | 1167.1 | 1195.5 | 1202.7 |
| 117.5° | 812.8 | 894.7  | 967.1  | 1027.2 | 1072.0 | 1100.8 | 1106.3 |
| 120°   | 795.0 | 866.2  | 929.3  | 980.1  | 1019.3 | 1042.4 | 1052.2 |
| 122.5° | 783.5 | 848.4  | 903.7  | 946.6  | 980.1  | 999.7  | 1009.5 |
| 125°   | 765.5 | 827.0  | 875.9  | 911.6  | 937.4  | 954.3  | 959.7  |
| 127.5° | 744.4 | 805.7  | 852.1  | 887.9  | 910.9  | 925.1  | 930.4  |
| 130°   | 727.3 | 787.8  | 835.0  | 871.5  | 893.8  | 908.0  | 913.4  |
| 132.5° | 708.1 | 767.1  | 814.4  | 850.2  | 875.2  | 888.8  | 894.1  |
| 135°   | 679.2 | 733.5  | 778.0  | 813.7  | 838.6  | 852.8  | 858.2  |
| 137.5° | 651.7 | 697.4  | 737.6  | 770.9  | 795.5  | 807.3  | 813.7  |
| 140°   | 633.8 | 673.9  | 711.2  | 742.4  | 762.1  | 774.5  | 781.6  |
| 142.5° | 618.8 | 653.3  | 685.6  | 713.2  | 731.4  | 742.4  | 747.4  |
| 145°   | 598.2 | 624.9  | 649.9  | 672.1  | 687.2  | 696.2  | 700.6  |
| 147.5° | 580.4 | 601.8  | 621.3  | 637.8  | 650.8  | 657.5  | 659.1  |
| 150°   | 569.7 | 587.5  | 603.6  | 617.8  | 629.4  | 634.7  | 635.6  |
| 152.5° | 559.0 | 575.4  | 588.6  | 600.7  | 610.1  | 613.3  | 614.2  |
| 155°   | 543.9 | 557.2  | 567.9  | 576.8  | 584.0  | 586.7  | 586.7  |
| 157.5° | 529.0 | 540.2  | 548.8  | 555.4  | 560.8  | 562.4  | 562.4  |
| 160°   | 519.0 | 528.8  | 535.9  | 541.3  | 546.6  | 547.5  | 547.5  |
| 162.5° | 509.7 | 517.4  | 523.8  | 527.7  | 533.1  | 534.0  | 533.2  |
| 165°   | 495.9 | 502.0  | 506.5  | 510.1  | 513.6  | 512.7  | 511.8  |
| 167.5° | 484.1 | 489.1  | 491.8  | 493.6  | 495.9  | 495.7  | 495.0  |
| 170°   | 476.3 | 479.8  | 482.5  | 484.3  | 485.2  | 484.3  | 484.3  |
| 172.5° | 469.8 | 472.0  | 473.9  | 475.0  | 475.9  | 475.0  | 473.6  |
| 175°   | 461.1 | 462.9  | 462.9  | 462.9  | 464.7  | 462.9  | 461.1  |
| 177.5° | 455.9 | 455.9  | 456.6  | 455.9  | 456.6  | 455.2  | 453.8  |
| 180°   | 453.1 | 453.1  | 453.1  | 453.1  | 453.1  | 453.1  | 453.1  |

(END OF REPORT)