

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: P332891-830

Luminaire Tested: **SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P332891-830  
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-C350D1205U830-4F0-1E-UDD-A4  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 350 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1205 LUMENS PER FOOT, BATWING OPTIC  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5457.0 lumens  
Efficiency: N/A  
Efficacy: 129.3 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

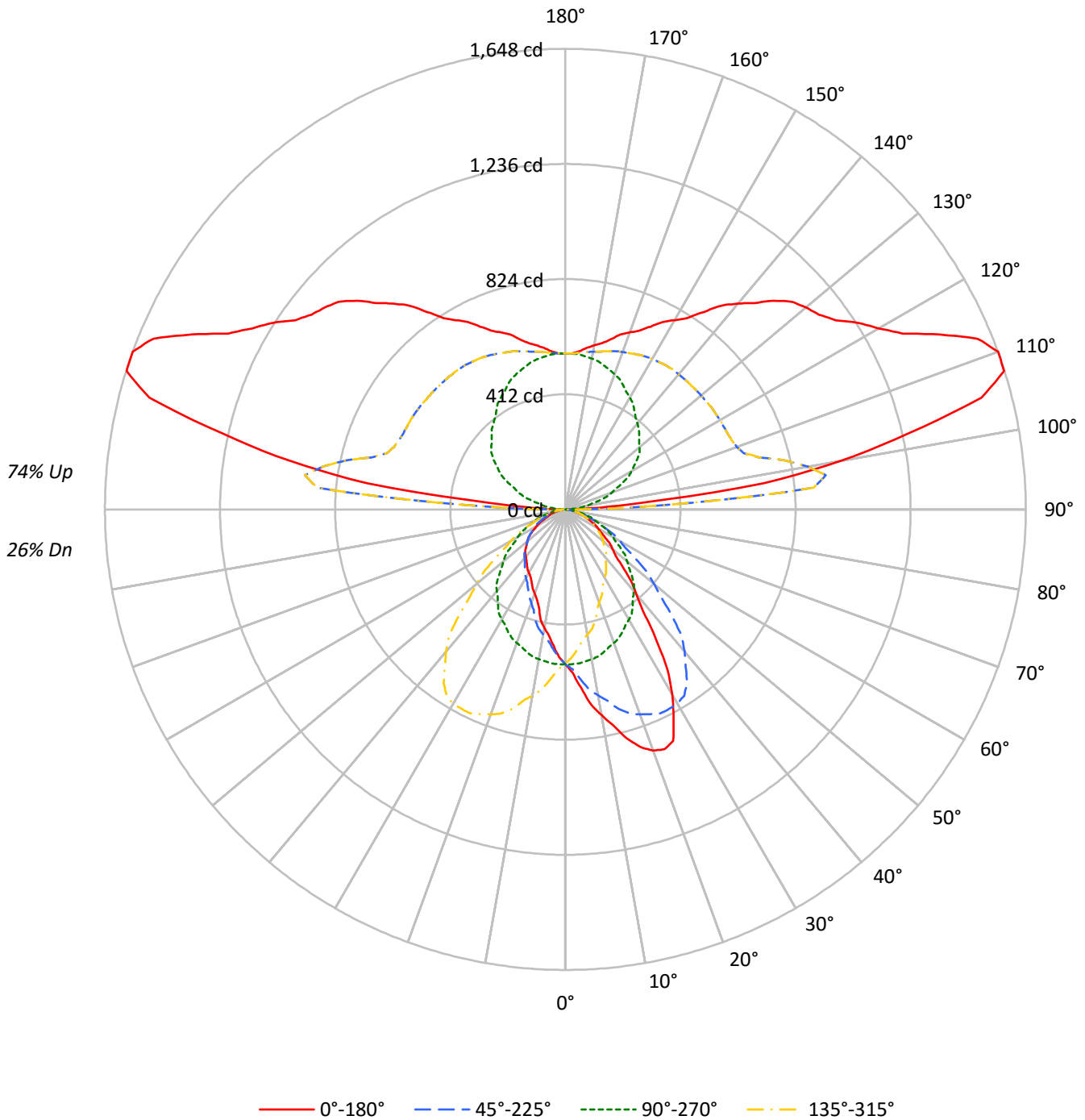
Input Watts (W): 42.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332891-830

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### Luminous Intensity Polar Plot





TEST NUMBER: P332891-830

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |    |    |    |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 101 | 101 | 101 | 101 | 90 | 90 | 90 | 90 | 70 | 70 | 70 | 51 | 51 | 51 | 34 | 34 | 34 | 26 |    |    |
| 1   | 93  | 88  | 85  | 82  | 82 | 79 | 76 | 73 | 61 | 59 | 58 | 45 | 44 | 43 | 30 | 30 | 29 | 22 |    |    |
| 2   | 84  | 77  | 72  | 67  | 75 | 69 | 65 | 60 | 54 | 51 | 48 | 40 | 38 | 36 | 27 | 26 | 25 | 19 |    |    |
| 3   | 77  | 68  | 61  | 56  | 69 | 61 | 55 | 51 | 48 | 44 | 41 | 35 | 33 | 31 | 24 | 22 | 21 | 16 |    |    |
| 4   | 71  | 60  | 53  | 47  | 63 | 54 | 48 | 43 | 42 | 38 | 35 | 32 | 29 | 26 | 22 | 20 | 18 | 14 |    |    |
| 5   | 65  | 54  | 46  | 40  | 57 | 48 | 42 | 37 | 38 | 33 | 30 | 28 | 25 | 23 | 19 | 18 | 16 | 12 |    |    |
| 6   | 60  | 48  | 40  | 35  | 53 | 43 | 37 | 32 | 34 | 29 | 26 | 26 | 22 | 20 | 18 | 16 | 14 | 11 |    |    |
| 7   | 55  | 43  | 36  | 30  | 49 | 39 | 33 | 28 | 31 | 26 | 23 | 23 | 20 | 18 | 16 | 14 | 13 | 10 |    |    |
| 8   | 51  | 39  | 32  | 27  | 45 | 35 | 29 | 25 | 28 | 23 | 20 | 21 | 18 | 16 | 15 | 13 | 11 | 9  |    |    |
| 9   | 47  | 36  | 29  | 24  | 42 | 32 | 26 | 22 | 26 | 21 | 18 | 19 | 16 | 14 | 14 | 12 | 10 | 8  |    |    |
| 10  | 44  | 33  | 26  | 21  | 39 | 29 | 23 | 19 | 24 | 19 | 16 | 18 | 15 | 13 | 13 | 11 | 9  | 7  |    |    |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 4469 | 4469 | 4469 | 4469 |
| 5°  | 5185 | 4483 | 3963 | 4483 |
| 10° | 6133 | 4464 | 3536 | 4464 |
| 15° | 7084 | 4422 | 3039 | 4422 |
| 20° | 7887 | 4365 | 2748 | 4365 |
| 25° | 8143 | 4309 | 2551 | 4309 |
| 30° | 7128 | 4242 | 2433 | 4242 |
| 35° | 5549 | 4142 | 2361 | 4142 |
| 40° | 4161 | 4027 | 2323 | 4027 |
| 45° | 3286 | 3843 | 2302 | 3843 |
| 50° | 2773 | 3631 | 2236 | 3631 |
| 55° | 2417 | 3398 | 2115 | 3398 |
| 60° | 2175 | 3155 | 1873 | 3155 |
| 65° | 1918 | 2894 | 1612 | 2894 |
| 70° | 1725 | 2622 | 1452 | 2622 |
| 75° | 1447 | 2324 | 1238 | 2324 |
| 80° | 1223 | 1980 | 1162 | 1980 |
| 85° | 1028 | 1556 | 1028 | 1556 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 53.6   | 1.0       |
| 10°-20°   | 161.8  | 3.0       |
| 20°-30°   | 253.1  | 4.6       |
| 30°-40°   | 281.4  | 5.2       |
| 40°-50°   | 249.6  | 4.6       |
| 50°-60°   | 194.5  | 3.6       |
| 60°-70°   | 127.4  | 2.3       |
| 70°-80°   | 62.6   | 1.1       |
| 80°-90°   | 18.5   | 0.3       |
| 90°-100°  | 402.7  | 7.4       |
| 100°-110° | 838.0  | 15.4      |
| 110°-120° | 750.6  | 13.8      |
| 120°-130° | 631.4  | 11.6      |
| 130°-140° | 526.5  | 9.6       |
| 140°-150° | 402.2  | 7.4       |
| 150°-160° | 282.7  | 5.2       |
| 160°-170° | 166.3  | 3.0       |
| 170°-180° | 54.1   | 1.0       |
| 0°-30°    | 468.6  | 8.6       |
| 0°-40°    | 749.9  | 13.7      |
| 0°-60°    | 1194.1 | 21.9      |
| 0°-90°    | 1402.6 | 25.7      |
| 90°-120°  | 1991.3 | 36.5      |
| 90°-150°  | 3551.4 | 65.1      |
| 90°-180°  | 4054.0 | 74.3      |
| 0°-180°   | 5457.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0°   | 554  | 554 | 554  | 554  | 554  |      |
| 5°   | 640  | 553 | 489  | 553  | 640  | 65   |
| 15°  | 848  | 529 | 364  | 529  | 848  | 241  |
| 25°  | 914  | 484 | 286  | 484  | 914  | 406  |
| 35°  | 563  | 420 | 240  | 420  | 563  | 353  |
| 45°  | 288  | 337 | 202  | 337  | 288  | 228  |
| 55°  | 172  | 241 | 150  | 241  | 172  | 156  |
| 65°  | 100  | 152 | 84   | 152  | 100  | 101  |
| 75°  | 46   | 74  | 40   | 74   | 46   | 51   |
| 85°  | 11   | 17  | 11   | 17   | 11   | 13   |
| 90°  | 23   | 1   | 23   | 1    | 23   | 19   |
| 95°  | 267  | 36  | 267  | 36   | 267  | 415  |
| 105° | 1541 | 128 | 1541 | 128  | 1541 | 1524 |
| 115° | 1480 | 226 | 1480 | 226  | 1480 | 1469 |
| 125° | 1181 | 314 | 1181 | 314  | 1181 | 1073 |
| 135° | 1056 | 373 | 1056 | 373  | 1056 | 815  |
| 145° | 862  | 430 | 862  | 430  | 862  | 546  |
| 155° | 722  | 490 | 722  | 490  | 722  | 337  |
| 165° | 630  | 533 | 630  | 533  | 630  | 180  |
| 175° | 567  | 556 | 567  | 556  | 567  | 55   |
| 180° | 558  | 558 | 558  | 558  | 558  |      |



TEST NUMBER: P332891-830

CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°   | 50°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0°     | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6 | 553.6 |
| 2.5°   | 584.0  | 585.6  | 584.0  | 583.8  | 582.0  | 581.5  | 580.8  | 578.4  | 574.2  | 571.7 | 572.2 |
| 5°     | 639.8  | 645.4  | 642.2  | 641.8  | 636.9  | 632.0  | 628.9  | 621.7  | 614.1  | 609.0 | 604.7 |
| 7.5°   | 704.3  | 707.5  | 705.5  | 702.4  | 694.5  | 689.9  | 682.7  | 673.4  | 659.7  | 649.3 | 639.8 |
| 10°    | 748.2  | 750.8  | 750.0  | 744.1  | 738.4  | 726.5  | 719.8  | 706.7  | 689.5  | 675.9 | 663.2 |
| 12.5°  | 791.4  | 794.2  | 786.4  | 786.6  | 775.6  | 766.3  | 755.7  | 739.1  | 719.3  | 701.8 | 685.9 |
| 15°    | 847.6  | 844.0  | 844.0  | 839.6  | 827.4  | 814.5  | 803.5  | 786.1  | 761.1  | 740.2 | 718.0 |
| 17.5°  | 891.7  | 893.0  | 891.2  | 880.6  | 871.0  | 857.6  | 837.5  | 817.3  | 794.1  | 765.9 | 743.4 |
| 20°    | 918.1  | 918.1  | 916.2  | 909.0  | 896.5  | 882.2  | 860.6  | 838.5  | 809.1  | 780.7 | 755.4 |
| 22.5°  | 928.9  | 929.5  | 927.2  | 921.3  | 910.1  | 896.2  | 877.7  | 855.3  | 824.9  | 793.1 | 761.6 |
| 25°    | 914.2  | 918.4  | 918.8  | 917.3  | 913.9  | 905.4  | 889.6  | 866.7  | 839.4  | 804.8 | 770.9 |
| 27.5°  | 839.2  | 844.6  | 849.3  | 857.1  | 867.3  | 872.6  | 873.4  | 861.7  | 837.9  | 804.6 | 770.5 |
| 30°    | 764.7  | 769.1  | 783.6  | 802.6  | 817.3  | 830.7  | 842.4  | 845.5  | 832.1  | 802.2 | 766.3 |
| 32.5°  | 681.8  | 688.0  | 702.5  | 722.8  | 747.3  | 770.1  | 796.1  | 809.4  | 809.0  | 791.1 | 757.9 |
| 35°    | 563.0  | 567.5  | 580.9  | 602.3  | 631.7  | 665.4  | 706.7  | 738.8  | 760.6  | 759.1 | 738.8 |
| 37.5°  | 454.1  | 459.1  | 472.6  | 490.4  | 519.0  | 560.6  | 600.6  | 644.9  | 685.2  | 707.9 | 701.2 |
| 40°    | 394.8  | 395.0  | 408.2  | 426.5  | 453.3  | 489.7  | 533.1  | 582.2  | 627.3  | 664.1 | 671.2 |
| 42.5°  | 348.1  | 348.1  | 356.8  | 376.5  | 395.8  | 430.0  | 471.6  | 520.3  | 573.1  | 615.6 | 634.4 |
| 45°    | 287.8  | 289.7  | 296.9  | 308.7  | 323.9  | 352.9  | 386.2  | 431.4  | 490.5  | 540.9 | 572.4 |
| 47.5°  | 243.6  | 246.7  | 251.2  | 260.8  | 272.9  | 292.2  | 319.7  | 360.4  | 408.5  | 463.9 | 508.7 |
| 50°    | 220.8  | 221.3  | 227.1  | 232.4  | 242.9  | 258.4  | 282.4  | 316.3  | 360.5  | 413.8 | 463.5 |
| 52.5°  | 201.2  | 201.1  | 204.6  | 211.4  | 219.9  | 231.9  | 251.4  | 282.2  | 321.4  | 369.2 | 420.6 |
| 55°    | 171.7  | 172.9  | 175.6  | 180.9  | 187.4  | 195.9  | 211.2  | 234.4  | 265.2  | 306.0 | 352.7 |
| 57.5°  | 149.4  | 150.0  | 152.0  | 154.3  | 160.2  | 166.5  | 178.0  | 194.1  | 220.0  | 253.4 | 296.9 |
| 60°    | 134.7  | 135.0  | 135.6  | 138.9  | 143.6  | 149.5  | 157.3  | 170.9  | 192.7  | 223.3 | 257.7 |
| 62.5°  | 120.5  | 120.8  | 121.9  | 124.3  | 128.0  | 132.0  | 140.2  | 151.1  | 169.2  | 195.3 | 226.2 |
| 65°    | 100.4  | 100.6  | 102.2  | 103.0  | 105.9  | 109.5  | 115.6  | 122.9  | 135.4  | 157.3 | 180.7 |
| 67.5°  | 83.9   | 83.9   | 84.0   | 85.2   | 87.2   | 89.5   | 93.1   | 99.1   | 108.5  | 121.9 | 142.5 |
| 70°    | 73.1   | 73.1   | 73.6   | 74.3   | 75.4   | 77.4   | 79.5   | 83.9   | 90.8   | 101.7 | 117.5 |
| 72.5°  | 63.2   | 63.3   | 63.8   | 63.9   | 64.5   | 66.2   | 67.7   | 70.5   | 75.6   | 83.9  | 96.7  |
| 75°    | 46.4   | 47.0   | 48.2   | 49.1   | 50.2   | 50.0   | 51.6   | 53.3   | 54.9   | 59.8  | 67.1  |
| 77.5°  | 34.5   | 34.2   | 34.3   | 35.1   | 35.2   | 35.4   | 36.6   | 37.9   | 39.1   | 41.4  | 44.0  |
| 80°    | 26.3   | 26.3   | 27.0   | 27.2   | 27.0   | 27.2   | 28.4   | 29.0   | 29.4   | 30.3  | 32.8  |
| 82.5°  | 19.9   | 20.3   | 20.1   | 20.3   | 20.4   | 20.6   | 21.6   | 21.7   | 22.1   | 22.5  | 23.5  |
| 85°    | 11.1   | 11.4   | 11.6   | 11.1   | 11.1   | 11.1   | 11.6   | 11.8   | 12.3   | 12.1  | 12.5  |
| 87.5°  | 8.5    | 8.4    | 8.8    | 8.5    | 8.5    | 8.3    | 8.3    | 8.4    | 7.8    | 8.2   | 7.8   |
| 90°    | 23.0   | 23.0   | 24.1   | 23.0   | 21.9   | 21.9   | 20.8   | 19.7   | 18.7   | 19.7  | 17.5  |
| 92.5°  | 84.4   | 84.4   | 88.0   | 94.0   | 106.9  | 128.8  | 161.8  | 215.1  | 289.4  | 347.4 | 304.1 |
| 95°    | 267.2  | 281.4  | 301.2  | 335.2  | 388.8  | 495.0  | 641.8  | 811.5  | 917.8  | 892.6 | 673.5 |
| 97.5°  | 714.4  | 737.1  | 770.0  | 835.8  | 914.5  | 1028.9 | 1136.0 | 1199.1 | 1153.1 | 940.2 | 630.4 |
| 100°   | 1004.4 | 1013.1 | 1045.9 | 1112.8 | 1208.1 | 1289.1 | 1342.7 | 1320.9 | 1160.9 | 880.5 | 571.7 |
| 102.5° | 1256.7 | 1263.7 | 1298.3 | 1346.7 | 1405.1 | 1438.9 | 1423.3 | 1314.8 | 1095.2 | 806.1 | 532.3 |
| 105°   | 1541.0 | 1547.6 | 1562.9 | 1571.7 | 1569.4 | 1524.6 | 1416.2 | 1226.6 | 975.8  | 718.5 | 498.3 |
| 107.5° | 1646.6 | 1643.7 | 1632.8 | 1607.8 | 1553.7 | 1456.0 | 1303.3 | 1101.5 | 879.5  | 669.4 | 492.2 |
| 110°   | 1648.3 | 1638.5 | 1618.7 | 1572.7 | 1495.0 | 1374.5 | 1215.7 | 1026.2 | 831.3  | 652.8 | 494.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°   | 40°   | 45°   | 50°   |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1596.7 | 1580.6 | 1553.0 | 1497.4 | 1409.1 | 1288.6 | 1138.6 | 971.0 | 804.1 | 644.9 | 499.2 |
| 115°   | 1479.7 | 1470.9 | 1435.9 | 1370.2 | 1283.6 | 1178.5 | 1050.4 | 915.6 | 778.7 | 640.7 | 509.3 |
| 117.5° | 1361.1 | 1354.3 | 1318.9 | 1263.7 | 1189.9 | 1100.7 | 999.9  | 888.4 | 767.3 | 639.6 | 520.0 |
| 120°   | 1294.6 | 1282.5 | 1254.1 | 1205.9 | 1143.4 | 1065.6 | 978.1  | 876.2 | 761.2 | 639.6 | 527.9 |
| 122.5° | 1242.0 | 1229.9 | 1205.9 | 1164.7 | 1111.9 | 1043.8 | 964.0  | 865.6 | 754.2 | 638.8 | 535.8 |
| 125°   | 1180.6 | 1174.1 | 1153.3 | 1121.5 | 1077.7 | 1017.5 | 941.9  | 847.7 | 742.5 | 637.4 | 547.6 |
| 127.5° | 1144.7 | 1138.2 | 1120.7 | 1092.4 | 1048.4 | 991.2  | 915.9  | 825.8 | 727.0 | 635.0 | 557.0 |
| 130°   | 1123.7 | 1117.1 | 1099.6 | 1072.2 | 1027.4 | 969.3  | 894.8  | 808.3 | 717.4 | 634.1 | 564.0 |
| 132.5° | 1100.0 | 1093.4 | 1076.9 | 1045.9 | 1001.9 | 943.9  | 871.2  | 789.9 | 708.6 | 633.3 | 570.1 |
| 135°   | 1055.8 | 1049.2 | 1031.7 | 1001.1 | 957.2  | 902.5  | 835.7  | 764.5 | 695.5 | 632.0 | 579.4 |
| 137.5° | 1001.1 | 993.2  | 978.7  | 948.5  | 907.5  | 858.0  | 801.7  | 741.5 | 684.1 | 631.7 | 584.8 |
| 140°   | 961.6  | 952.8  | 937.5  | 913.4  | 875.1  | 829.1  | 779.8  | 728.3 | 678.0 | 630.8 | 589.3 |
| 142.5° | 919.5  | 913.4  | 899.8  | 877.5  | 843.6  | 803.7  | 761.4  | 716.0 | 672.7 | 630.8 | 592.8 |
| 145°   | 862.0  | 856.5  | 845.6  | 826.9  | 799.6  | 768.8  | 736.0  | 698.8 | 663.7 | 628.7 | 594.7 |
| 147.5° | 810.9  | 809.0  | 800.6  | 784.7  | 764.5  | 740.4  | 714.1  | 684.6 | 655.6 | 624.7 | 595.8 |
| 150°   | 782.0  | 780.9  | 774.3  | 760.1  | 742.5  | 722.8  | 701.0  | 675.8 | 649.5 | 622.1 | 595.8 |
| 152.5° | 755.7  | 754.6  | 750.6  | 739.0  | 724.2  | 707.9  | 687.8  | 666.1 | 642.4 | 617.7 | 594.1 |
| 155°   | 721.8  | 721.8  | 718.5  | 709.7  | 698.8  | 685.6  | 669.2  | 651.7 | 632.0 | 611.1 | 591.4 |
| 157.5° | 692.0  | 692.0  | 690.0  | 683.4  | 675.1  | 664.6  | 650.8  | 636.1 | 621.2 | 604.4 | 588.6 |
| 160°   | 673.5  | 673.5  | 672.5  | 665.9  | 659.3  | 650.5  | 638.5  | 626.5 | 613.3 | 599.1 | 586.0 |
| 162.5° | 656.0  | 657.0  | 655.8  | 649.2  | 644.4  | 636.6  | 627.2  | 616.8 | 606.3 | 593.8 | 583.3 |
| 165°   | 629.8  | 630.8  | 632.0  | 627.5  | 623.2  | 617.7  | 610.0  | 603.5 | 594.7 | 586.0 | 578.2 |
| 167.5° | 609.0  | 609.8  | 610.0  | 607.2  | 605.0  | 601.7  | 595.6  | 590.6 | 584.2 | 578.1 | 573.1 |
| 170°   | 595.8  | 595.8  | 596.9  | 595.8  | 593.6  | 590.3  | 586.0  | 582.7 | 577.2 | 572.8 | 569.5 |
| 172.5° | 582.7  | 584.4  | 585.5  | 584.4  | 583.1  | 580.7  | 578.1  | 575.6 | 571.1 | 567.5 | 566.0 |
| 175°   | 567.3  | 569.5  | 571.7  | 569.5  | 569.5  | 569.5  | 567.3  | 566.3 | 564.0 | 561.8 | 561.8 |
| 177.5° | 558.4  | 560.1  | 561.8  | 561.0  | 561.8  | 561.0  | 561.0  | 560.1 | 559.2 | 558.4 | 558.4 |
| 180°   | 557.5  | 557.5  | 557.5  | 557.5  | 557.5  | 557.5  | 557.5  | 557.5 | 557.5 | 557.5 | 557.5 |



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CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 |
| 2.5°   | 570.4 | 568.0 | 566.7 | 563.8 | 560.4 | 558.6 | 557.0 | 554.7 | 551.7 | 548.5 | 546.2 |
| 5°     | 599.4 | 594.0 | 587.3 | 579.3 | 572.2 | 565.2 | 559.2 | 553.2 | 546.3 | 539.1 | 532.1 |
| 7.5°   | 629.1 | 618.6 | 607.2 | 594.0 | 581.3 | 569.6 | 558.8 | 548.7 | 537.1 | 526.6 | 517.2 |
| 10°    | 649.8 | 635.6 | 619.7 | 602.9 | 586.3 | 571.7 | 557.4 | 544.5 | 530.3 | 517.6 | 506.8 |
| 12.5°  | 666.6 | 649.8 | 630.7 | 609.9 | 589.7 | 572.2 | 555.8 | 538.9 | 522.7 | 509.0 | 494.6 |
| 15°    | 694.4 | 671.5 | 645.8 | 620.8 | 594.7 | 570.8 | 548.7 | 529.1 | 510.6 | 491.2 | 477.6 |
| 17.5°  | 713.6 | 686.3 | 655.1 | 625.1 | 594.3 | 566.1 | 540.6 | 517.3 | 495.9 | 476.1 | 459.9 |
| 20°    | 725.0 | 694.8 | 660.3 | 626.1 | 591.5 | 561.5 | 534.0 | 508.1 | 486.1 | 464.7 | 447.9 |
| 22.5°  | 731.4 | 698.0 | 660.3 | 624.5 | 588.7 | 556.1 | 526.0 | 499.1 | 475.0 | 453.6 | 435.1 |
| 25°    | 733.5 | 697.8 | 659.2 | 618.1 | 578.9 | 544.3 | 513.0 | 483.8 | 457.0 | 435.6 | 416.0 |
| 27.5°  | 730.6 | 688.5 | 649.0 | 606.9 | 566.4 | 530.0 | 497.2 | 466.5 | 439.7 | 416.7 | 396.5 |
| 30°    | 726.3 | 681.3 | 638.9 | 595.1 | 554.1 | 519.1 | 484.5 | 455.1 | 427.2 | 403.3 | 383.0 |
| 32.5°  | 717.0 | 672.3 | 626.7 | 581.9 | 540.4 | 504.3 | 471.5 | 441.9 | 414.5 | 390.1 | 368.5 |
| 35°    | 698.6 | 653.4 | 603.9 | 557.9 | 517.1 | 479.6 | 448.8 | 420.3 | 394.2 | 368.1 | 345.3 |
| 37.5°  | 674.4 | 628.2 | 578.9 | 528.6 | 487.7 | 452.3 | 424.1 | 397.3 | 371.8 | 348.0 | 322.8 |
| 40°    | 651.6 | 609.4 | 558.6 | 508.6 | 466.7 | 432.5 | 406.4 | 382.1 | 356.5 | 332.8 | 307.6 |
| 42.5°  | 624.0 | 588.1 | 536.6 | 486.4 | 445.1 | 412.2 | 387.9 | 364.1 | 340.7 | 317.8 | 291.5 |
| 45°    | 577.8 | 550.5 | 502.4 | 454.2 | 412.5 | 379.8 | 357.6 | 336.6 | 316.1 | 294.3 | 269.5 |
| 47.5°  | 524.8 | 506.4 | 464.9 | 415.5 | 376.9 | 347.6 | 326.0 | 308.9 | 291.5 | 269.7 | 248.0 |
| 50°    | 488.0 | 476.3 | 436.1 | 391.1 | 354.2 | 327.3 | 305.2 | 289.1 | 274.6 | 253.6 | 234.2 |
| 52.5°  | 448.8 | 442.5 | 408.6 | 365.5 | 330.0 | 303.5 | 284.6 | 270.2 | 255.5 | 238.1 | 220.0 |
| 55°    | 389.0 | 392.4 | 363.6 | 326.3 | 292.8 | 270.6 | 253.4 | 241.4 | 228.8 | 214.1 | 200.1 |
| 57.5°  | 327.9 | 340.2 | 320.8 | 288.1 | 256.7 | 236.1 | 223.2 | 213.1 | 202.6 | 190.4 | 178.3 |
| 60°    | 291.3 | 301.6 | 290.7 | 261.8 | 234.4 | 215.3 | 203.2 | 195.4 | 184.9 | 173.8 | 164.7 |
| 62.5°  | 255.6 | 266.6 | 260.1 | 236.9 | 211.4 | 194.9 | 184.3 | 177.0 | 169.2 | 159.5 | 150.0 |
| 65°    | 210.8 | 217.9 | 214.8 | 198.8 | 180.7 | 166.6 | 156.8 | 151.5 | 144.3 | 137.2 | 128.8 |
| 67.5°  | 161.5 | 175.2 | 173.4 | 164.9 | 149.3 | 138.3 | 131.9 | 127.1 | 120.6 | 115.4 | 109.6 |
| 70°    | 132.7 | 145.4 | 145.2 | 138.3 | 129.8 | 119.6 | 115.1 | 111.1 | 105.3 | 100.2 | 95.5  |
| 72.5°  | 108.7 | 120.3 | 122.1 | 116.7 | 110.9 | 103.1 | 98.9  | 96.1  | 90.5  | 87.0  | 83.1  |
| 75°    | 76.1  | 84.5  | 86.8  | 86.8  | 84.1  | 80.1  | 76.3  | 74.5  | 70.5  | 67.4  | 65.1  |
| 77.5°  | 49.9  | 55.2  | 58.7  | 59.5  | 59.9  | 58.5  | 55.4  | 54.2  | 51.1  | 50.0  | 47.9  |
| 80°    | 35.3  | 38.8  | 42.8  | 44.2  | 45.2  | 44.9  | 43.5  | 42.6  | 39.7  | 38.5  | 37.7  |
| 82.5°  | 24.3  | 26.3  | 29.6  | 32.6  | 32.2  | 33.5  | 32.2  | 31.6  | 29.3  | 28.9  | 28.1  |
| 85°    | 12.7  | 12.9  | 13.4  | 15.4  | 16.5  | 17.0  | 17.2  | 16.8  | 16.0  | 16.0  | 14.5  |
| 87.5°  | 7.4   | 7.2   | 6.2   | 6.2   | 6.1   | 6.7   | 6.5   | 6.3   | 6.2   | 6.3   | 6.0   |
| 90°    | 15.4  | 15.4  | 8.8   | 8.8   | 7.6   | 6.6   | 3.3   | 1.1   | 3.3   | 6.6   | 7.6   |
| 92.5°  | 221.2 | 136.3 | 80.6  | 57.9  | 41.8  | 28.5  | 18.2  | 12.4  | 18.2  | 28.5  | 41.8  |
| 95°    | 411.8 | 232.1 | 137.0 | 90.9  | 64.7  | 50.4  | 39.4  | 36.1  | 39.4  | 50.4  | 64.7  |
| 97.5°  | 370.2 | 221.9 | 148.5 | 110.0 | 87.4  | 74.3  | 64.8  | 64.8  | 64.8  | 74.3  | 87.4  |
| 100°   | 348.3 | 224.5 | 159.9 | 124.9 | 104.1 | 90.9  | 83.2  | 83.2  | 83.2  | 90.9  | 104.1 |
| 102.5° | 342.1 | 233.3 | 174.8 | 141.5 | 121.6 | 109.3 | 102.5 | 100.8 | 102.5 | 109.3 | 121.6 |
| 105°   | 345.0 | 254.1 | 201.5 | 169.8 | 150.1 | 137.0 | 131.4 | 128.2 | 131.4 | 137.0 | 150.1 |
| 107.5° | 361.2 | 278.4 | 230.3 | 198.9 | 180.0 | 166.1 | 160.5 | 158.3 | 160.5 | 166.1 | 180.0 |
| 110°   | 373.4 | 296.8 | 248.6 | 219.0 | 199.3 | 186.2 | 180.7 | 178.5 | 180.7 | 186.2 | 199.3 |





TEST NUMBER: P332891-830

CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 386.6 | 314.3 | 267.9 | 238.4 | 218.6 | 206.3 | 200.0 | 197.8 | 200.0 | 206.3 | 218.6 |
| 115°   | 407.5 | 341.7 | 297.9 | 268.3 | 247.5 | 236.6 | 228.9 | 225.6 | 228.9 | 236.6 | 247.5 |
| 117.5° | 428.7 | 368.3 | 326.6 | 296.0 | 276.4 | 264.4 | 257.6 | 254.5 | 257.6 | 264.4 | 276.4 |
| 120°   | 443.6 | 386.6 | 345.0 | 314.3 | 295.7 | 283.7 | 276.0 | 273.8 | 276.0 | 283.7 | 295.7 |
| 122.5° | 457.6 | 404.2 | 362.5 | 332.7 | 312.4 | 301.2 | 293.5 | 291.3 | 293.5 | 301.2 | 312.4 |
| 125°   | 478.6 | 428.2 | 388.8 | 358.2 | 337.3 | 325.3 | 318.7 | 314.3 | 318.7 | 325.3 | 337.3 |
| 127.5° | 496.8 | 450.5 | 412.5 | 381.5 | 359.9 | 346.1 | 338.2 | 334.7 | 338.2 | 346.1 | 359.9 |
| 130°   | 508.2 | 465.5 | 428.2 | 396.4 | 375.7 | 359.2 | 350.4 | 346.1 | 350.4 | 359.2 | 375.7 |
| 132.5° | 519.6 | 477.8 | 440.5 | 410.5 | 388.0 | 372.4 | 361.0 | 357.5 | 361.0 | 372.4 | 388.0 |
| 135°   | 534.5 | 495.0 | 458.9 | 430.5 | 407.5 | 388.8 | 377.9 | 373.4 | 377.9 | 388.8 | 407.5 |
| 137.5° | 545.0 | 508.2 | 474.5 | 447.3 | 423.4 | 405.7 | 393.6 | 389.5 | 393.6 | 405.7 | 423.4 |
| 140°   | 552.0 | 517.0 | 484.1 | 457.8 | 434.8 | 416.2 | 404.2 | 400.9 | 404.2 | 416.2 | 434.8 |
| 142.5° | 557.2 | 524.8 | 492.9 | 467.4 | 445.4 | 427.5 | 416.4 | 413.1 | 416.4 | 427.5 | 445.4 |
| 145°   | 563.0 | 533.4 | 504.9 | 480.8 | 460.0 | 444.7 | 433.8 | 430.5 | 433.8 | 444.7 | 460.0 |
| 147.5° | 568.0 | 542.2 | 515.4 | 493.7 | 476.5 | 460.6 | 451.0 | 449.9 | 451.0 | 460.6 | 476.5 |
| 150°   | 570.6 | 546.5 | 522.5 | 501.6 | 485.2 | 472.0 | 463.3 | 462.2 | 463.3 | 472.0 | 485.2 |
| 152.5° | 572.4 | 550.1 | 528.6 | 509.5 | 494.8 | 482.6 | 473.8 | 473.5 | 473.8 | 482.6 | 494.8 |
| 155°   | 573.9 | 555.3 | 536.7 | 520.3 | 508.2 | 497.2 | 490.7 | 489.6 | 490.7 | 497.2 | 508.2 |
| 157.5° | 573.9 | 559.0 | 543.3 | 530.3 | 519.8 | 511.2 | 505.1 | 505.1 | 505.1 | 511.2 | 519.8 |
| 160°   | 573.9 | 560.7 | 547.6 | 535.6 | 526.8 | 519.2 | 514.7 | 514.7 | 514.7 | 519.2 | 526.8 |
| 162.5° | 573.9 | 562.5 | 550.3 | 540.8 | 532.9 | 526.1 | 522.6 | 523.5 | 522.6 | 526.1 | 532.9 |
| 165°   | 571.7 | 563.0 | 553.1 | 546.5 | 541.0 | 535.6 | 533.4 | 533.4 | 533.4 | 535.6 | 541.0 |
| 167.5° | 569.1 | 562.7 | 555.5 | 550.4 | 547.4 | 543.3 | 542.2 | 543.3 | 542.2 | 543.3 | 547.4 |
| 170°   | 567.3 | 561.8 | 556.4 | 553.1 | 550.9 | 547.6 | 546.5 | 547.6 | 546.5 | 547.6 | 550.9 |
| 172.5° | 565.6 | 561.0 | 557.2 | 554.9 | 553.6 | 551.1 | 550.9 | 552.0 | 550.9 | 551.1 | 553.6 |
| 175°   | 563.0 | 559.7 | 557.5 | 557.5 | 556.4 | 555.3 | 555.3 | 556.4 | 555.3 | 555.3 | 556.4 |
| 177.5° | 560.1 | 558.4 | 557.5 | 557.5 | 557.5 | 556.6 | 557.5 | 558.4 | 557.5 | 556.6 | 557.5 |
| 180°   | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 |



TEST NUMBER: P332891-830

CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0°     | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  |
| 2.5°   | 543.7 | 541.9 | 539.6 | 536.9 | 533.7 | 530.8 | 529.5  | 530.7  | 531.2  | 529.7  | 529.5  |
| 5°     | 527.1 | 521.5 | 517.1 | 510.4 | 505.0 | 500.6 | 497.5  | 496.1  | 496.5  | 492.9  | 492.1  |
| 7.5°   | 508.5 | 501.9 | 494.6 | 486.6 | 479.3 | 472.7 | 469.3  | 467.4  | 463.5  | 461.9  | 459.2  |
| 10°    | 496.5 | 487.7 | 480.5 | 471.1 | 462.6 | 454.9 | 451.0  | 447.9  | 444.1  | 442.3  | 438.6  |
| 12.5°  | 484.3 | 473.9 | 466.0 | 456.3 | 447.6 | 438.3 | 434.6  | 428.9  | 422.9  | 419.1  | 414.2  |
| 15°    | 466.8 | 454.4 | 444.8 | 433.2 | 422.9 | 412.3 | 402.7  | 391.9  | 388.0  | 379.5  | 374.6  |
| 17.5°  | 446.6 | 433.9 | 422.1 | 406.5 | 390.7 | 377.3 | 367.1  | 356.8  | 350.7  | 345.3  | 342.8  |
| 20°    | 433.2 | 421.6 | 405.1 | 387.0 | 369.4 | 354.7 | 346.4  | 339.7  | 333.0  | 329.2  | 326.6  |
| 22.5°  | 420.6 | 405.7 | 386.5 | 367.0 | 349.4 | 337.9 | 330.9  | 324.0  | 318.6  | 315.0  | 311.4  |
| 25°    | 399.3 | 379.8 | 359.6 | 337.2 | 325.3 | 315.2 | 307.6  | 302.0  | 298.7  | 294.0  | 292.2  |
| 27.5°  | 377.5 | 353.9 | 331.6 | 316.6 | 304.1 | 294.8 | 288.2  | 284.1  | 279.8  | 276.8  | 274.5  |
| 30°    | 360.7 | 336.9 | 316.8 | 302.5 | 289.7 | 282.2 | 276.8  | 271.9  | 268.5  | 266.1  | 264.4  |
| 32.5°  | 344.1 | 320.3 | 303.4 | 288.0 | 278.0 | 270.6 | 264.9  | 261.2  | 258.5  | 255.4  | 254.3  |
| 35°    | 320.1 | 298.9 | 284.2 | 270.3 | 260.1 | 253.4 | 248.9  | 245.2  | 242.9  | 242.0  | 241.4  |
| 37.5°  | 297.0 | 279.7 | 263.8 | 252.5 | 243.4 | 238.1 | 232.8  | 230.9  | 229.4  | 227.8  | 228.6  |
| 40°    | 282.4 | 266.1 | 252.0 | 240.1 | 232.6 | 226.9 | 223.8  | 221.5  | 220.2  | 220.2  | 220.2  |
| 42.5°  | 269.8 | 253.8 | 240.1 | 229.3 | 222.0 | 217.1 | 213.6  | 211.7  | 211.2  | 211.0  | 212.2  |
| 45°    | 250.1 | 235.4 | 221.5 | 212.5 | 206.3 | 201.4 | 199.4  | 197.8  | 197.8  | 198.8  | 199.0  |
| 47.5°  | 230.5 | 216.8 | 205.7 | 195.7 | 189.9 | 186.9 | 185.1  | 184.4  | 184.5  | 185.3  | 186.3  |
| 50°    | 218.6 | 205.0 | 194.1 | 185.1 | 179.8 | 176.9 | 175.3  | 174.8  | 175.3  | 175.3  | 176.9  |
| 52.5°  | 205.6 | 193.4 | 182.7 | 175.1 | 169.1 | 166.4 | 165.5  | 164.9  | 165.1  | 165.9  | 166.5  |
| 55°    | 186.5 | 175.6 | 165.3 | 158.2 | 153.7 | 151.9 | 149.9  | 150.1  | 149.7  | 150.1  | 150.1  |
| 57.5°  | 167.3 | 157.5 | 148.0 | 142.3 | 138.4 | 135.8 | 133.7  | 134.2  | 133.6  | 133.5  | 133.1  |
| 60°    | 155.0 | 144.3 | 136.8 | 131.6 | 127.1 | 124.9 | 122.9  | 123.4  | 122.7  | 122.2  | 121.3  |
| 62.5°  | 141.7 | 132.7 | 125.5 | 120.6 | 117.0 | 114.4 | 112.4  | 112.0  | 110.4  | 108.9  | 106.9  |
| 65°    | 122.2 | 114.9 | 108.4 | 103.8 | 100.4 | 98.4  | 96.8   | 95.5   | 92.1   | 88.6   | 86.8   |
| 67.5°  | 103.4 | 98.0  | 92.0  | 88.0  | 85.3  | 82.8  | 79.7   | 77.5   | 74.4   | 72.4   | 71.3   |
| 70°    | 91.2  | 86.1  | 81.0  | 77.2  | 74.3  | 71.8  | 68.5   | 66.9   | 64.7   | 63.8   | 62.7   |
| 72.5°  | 79.6  | 74.8  | 70.1  | 66.6  | 63.6  | 61.6  | 59.0   | 57.5   | 56.5   | 56.1   | 55.0   |
| 75°    | 62.0  | 58.2  | 54.7  | 51.6  | 49.1  | 47.7  | 46.7   | 45.5   | 45.1   | 43.1   | 41.9   |
| 77.5°  | 45.2  | 42.7  | 40.5  | 38.3  | 36.6  | 35.6  | 33.5   | 32.2   | 31.5   | 30.5   | 30.3   |
| 80°    | 35.3  | 33.5  | 31.2  | 29.9  | 27.4  | 26.6  | 25.6   | 25.4   | 25.2   | 25.0   | 24.8   |
| 82.5°  | 26.5  | 24.7  | 22.5  | 21.7  | 21.0  | 20.5  | 20.0   | 19.7   | 19.5   | 19.6   | 19.6   |
| 85°    | 13.4  | 12.5  | 12.5  | 12.3  | 12.1  | 11.8  | 11.6   | 11.6   | 11.4   | 11.6   | 11.4   |
| 87.5°  | 6.2   | 6.0   | 7.4   | 7.0   | 7.6   | 8.0   | 7.6    | 7.8    | 8.3    | 8.1    | 8.1    |
| 90°    | 8.8   | 8.8   | 15.4  | 15.4  | 17.5  | 19.7  | 18.7   | 19.7   | 20.8   | 21.9   | 21.9   |
| 92.5°  | 57.9  | 80.6  | 136.3 | 221.2 | 304.1 | 347.4 | 289.4  | 215.1  | 161.8  | 128.8  | 106.9  |
| 95°    | 90.9  | 137.0 | 232.1 | 411.8 | 673.5 | 892.6 | 917.8  | 811.5  | 641.8  | 495.0  | 388.8  |
| 97.5°  | 110.0 | 148.5 | 221.9 | 370.2 | 630.4 | 940.2 | 1153.1 | 1199.1 | 1136.0 | 1028.9 | 914.5  |
| 100°   | 124.9 | 159.9 | 224.5 | 348.3 | 571.7 | 880.5 | 1160.9 | 1320.9 | 1342.7 | 1289.1 | 1208.1 |
| 102.5° | 141.5 | 174.8 | 233.3 | 342.1 | 532.3 | 806.1 | 1095.2 | 1314.8 | 1423.3 | 1438.9 | 1405.1 |
| 105°   | 169.8 | 201.5 | 254.1 | 345.0 | 498.3 | 718.5 | 975.8  | 1226.6 | 1416.2 | 1524.6 | 1569.4 |
| 107.5° | 198.9 | 230.3 | 278.4 | 361.2 | 492.2 | 669.4 | 879.5  | 1101.5 | 1303.3 | 1456.0 | 1553.7 |
| 110°   | 219.0 | 248.6 | 296.8 | 373.4 | 494.0 | 652.8 | 831.3  | 1026.2 | 1215.7 | 1374.5 | 1495.0 |



TEST NUMBER: P332891-830

CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°   | 155°   | 160°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 238.4 | 267.9 | 314.3 | 386.6 | 499.2 | 644.9 | 804.1 | 971.0 | 1138.6 | 1288.6 | 1409.1 |
| 115°   | 268.3 | 297.9 | 341.7 | 407.5 | 509.3 | 640.7 | 778.7 | 915.6 | 1050.4 | 1178.5 | 1283.6 |
| 117.5° | 296.0 | 326.6 | 368.3 | 428.7 | 520.0 | 639.6 | 767.3 | 888.4 | 999.9  | 1100.7 | 1189.9 |
| 120°   | 314.3 | 345.0 | 386.6 | 443.6 | 527.9 | 639.6 | 761.2 | 876.2 | 978.1  | 1065.6 | 1143.4 |
| 122.5° | 332.7 | 362.5 | 404.2 | 457.6 | 535.8 | 638.8 | 754.2 | 865.6 | 964.0  | 1043.8 | 1111.9 |
| 125°   | 358.2 | 388.8 | 428.2 | 478.6 | 547.6 | 637.4 | 742.5 | 847.7 | 941.9  | 1017.5 | 1077.7 |
| 127.5° | 381.5 | 412.5 | 450.5 | 496.8 | 557.0 | 635.0 | 727.0 | 825.8 | 915.9  | 991.2  | 1048.4 |
| 130°   | 396.4 | 428.2 | 465.5 | 508.2 | 564.0 | 634.1 | 717.4 | 808.3 | 894.8  | 969.3  | 1027.4 |
| 132.5° | 410.5 | 440.5 | 477.8 | 519.6 | 570.1 | 633.3 | 708.6 | 789.9 | 871.2  | 943.9  | 1001.9 |
| 135°   | 430.5 | 458.9 | 495.0 | 534.5 | 579.4 | 632.0 | 695.5 | 764.5 | 835.7  | 902.5  | 957.2  |
| 137.5° | 447.3 | 474.5 | 508.2 | 545.0 | 584.8 | 631.7 | 684.1 | 741.5 | 801.7  | 858.0  | 907.5  |
| 140°   | 457.8 | 484.1 | 517.0 | 552.0 | 589.3 | 630.8 | 678.0 | 728.3 | 779.8  | 829.1  | 875.1  |
| 142.5° | 467.4 | 492.9 | 524.8 | 557.2 | 592.8 | 630.8 | 672.7 | 716.0 | 761.4  | 803.7  | 843.6  |
| 145°   | 480.8 | 504.9 | 533.4 | 563.0 | 594.7 | 628.7 | 663.7 | 698.8 | 736.0  | 768.8  | 799.6  |
| 147.5° | 493.7 | 515.4 | 542.2 | 568.0 | 595.8 | 624.7 | 655.6 | 684.6 | 714.1  | 740.4  | 764.5  |
| 150°   | 501.6 | 522.5 | 546.5 | 570.6 | 595.8 | 622.1 | 649.5 | 675.8 | 701.0  | 722.8  | 742.5  |
| 152.5° | 509.5 | 528.6 | 550.1 | 572.4 | 594.1 | 617.7 | 642.4 | 666.1 | 687.8  | 707.9  | 724.2  |
| 155°   | 520.3 | 536.7 | 555.3 | 573.9 | 591.4 | 611.1 | 632.0 | 651.7 | 669.2  | 685.6  | 698.8  |
| 157.5° | 530.3 | 543.3 | 559.0 | 573.9 | 588.6 | 604.4 | 621.2 | 636.1 | 650.8  | 664.6  | 675.1  |
| 160°   | 535.6 | 547.6 | 560.7 | 573.9 | 586.0 | 599.1 | 613.3 | 626.5 | 638.5  | 650.5  | 659.3  |
| 162.5° | 540.8 | 550.3 | 562.5 | 573.9 | 583.3 | 593.8 | 606.3 | 616.8 | 627.2  | 636.6  | 644.4  |
| 165°   | 546.5 | 553.1 | 563.0 | 571.7 | 578.2 | 586.0 | 594.7 | 603.5 | 610.0  | 617.7  | 623.2  |
| 167.5° | 550.4 | 555.5 | 562.7 | 569.1 | 573.1 | 578.1 | 584.2 | 590.6 | 595.6  | 601.7  | 605.0  |
| 170°   | 553.1 | 556.4 | 561.8 | 567.3 | 569.5 | 572.8 | 577.2 | 582.7 | 586.0  | 590.3  | 593.6  |
| 172.5° | 554.9 | 557.2 | 561.0 | 565.6 | 566.0 | 567.5 | 571.1 | 575.6 | 578.1  | 580.7  | 583.1  |
| 175°   | 557.5 | 557.5 | 559.7 | 563.0 | 561.8 | 561.8 | 564.0 | 566.3 | 567.3  | 569.5  | 569.5  |
| 177.5° | 557.5 | 557.5 | 558.4 | 560.1 | 558.4 | 558.4 | 559.2 | 560.1 | 561.0  | 561.0  | 561.8  |
| 180°   | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5  | 557.5  | 557.5  |



TEST NUMBER: P332891-830

CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  |
| 2.5°   | 528.5  | 528.9  | 527.6  | 527.3  | 527.6  | 528.9  | 528.5  | 529.5  | 529.7  | 531.2  | 530.7  |
| 5°     | 490.3  | 489.8  | 488.7  | 489.0  | 488.7  | 489.8  | 490.3  | 492.1  | 492.9  | 496.5  | 496.1  |
| 7.5°   | 457.6  | 455.9  | 456.4  | 454.6  | 456.4  | 455.9  | 457.6  | 459.2  | 461.9  | 463.5  | 467.4  |
| 10°    | 437.6  | 435.2  | 433.2  | 431.4  | 433.2  | 435.2  | 437.6  | 438.6  | 442.3  | 444.1  | 447.9  |
| 12.5°  | 410.4  | 408.2  | 405.6  | 406.0  | 405.6  | 408.2  | 410.4  | 414.2  | 419.1  | 422.9  | 428.9  |
| 15°    | 371.6  | 368.3  | 363.0  | 363.6  | 363.0  | 368.3  | 371.6  | 374.6  | 379.5  | 388.0  | 391.9  |
| 17.5°  | 338.8  | 338.8  | 336.4  | 337.1  | 336.4  | 338.8  | 338.8  | 342.8  | 345.3  | 350.7  | 356.8  |
| 20°    | 321.9  | 320.4  | 320.6  | 319.9  | 320.6  | 320.4  | 321.9  | 326.6  | 329.2  | 333.0  | 339.7  |
| 22.5°  | 310.1  | 308.2  | 306.6  | 305.3  | 306.6  | 308.2  | 310.1  | 311.4  | 315.0  | 318.6  | 324.0  |
| 25°    | 290.2  | 288.9  | 286.9  | 286.4  | 286.9  | 288.9  | 290.2  | 292.2  | 294.0  | 298.7  | 302.0  |
| 27.5°  | 272.7  | 272.5  | 271.6  | 270.6  | 271.6  | 272.5  | 272.7  | 274.5  | 276.8  | 279.8  | 284.1  |
| 30°    | 262.6  | 262.1  | 261.6  | 261.0  | 261.6  | 262.1  | 262.6  | 264.4  | 266.1  | 268.5  | 271.9  |
| 32.5°  | 253.4  | 253.2  | 252.7  | 252.8  | 252.7  | 253.2  | 253.4  | 254.3  | 255.4  | 258.5  | 261.2  |
| 35°    | 240.4  | 240.3  | 239.8  | 239.6  | 239.8  | 240.3  | 240.4  | 241.4  | 242.0  | 242.9  | 245.2  |
| 37.5°  | 228.4  | 228.9  | 228.7  | 228.6  | 228.7  | 228.9  | 228.4  | 228.6  | 227.8  | 229.4  | 230.9  |
| 40°    | 220.0  | 220.2  | 220.6  | 220.4  | 220.6  | 220.2  | 220.0  | 220.2  | 220.2  | 220.2  | 221.5  |
| 42.5°  | 213.0  | 213.0  | 213.7  | 212.9  | 213.7  | 213.0  | 213.0  | 212.2  | 211.0  | 211.2  | 211.7  |
| 45°    | 200.6  | 201.9  | 201.6  | 201.6  | 201.6  | 201.9  | 200.6  | 199.0  | 198.8  | 197.8  | 197.8  |
| 47.5°  | 186.9  | 188.1  | 188.4  | 188.3  | 188.4  | 188.1  | 186.9  | 186.3  | 185.3  | 184.5  | 184.4  |
| 50°    | 178.0  | 177.6  | 178.2  | 178.0  | 178.2  | 177.6  | 178.0  | 176.9  | 175.3  | 175.3  | 174.8  |
| 52.5°  | 167.1  | 167.2  | 167.2  | 166.9  | 167.2  | 167.2  | 167.1  | 166.5  | 165.9  | 165.1  | 164.9  |
| 55°    | 150.3  | 150.6  | 150.1  | 150.3  | 150.1  | 150.6  | 150.3  | 150.1  | 150.1  | 149.7  | 150.1  |
| 57.5°  | 132.1  | 131.1  | 131.5  | 131.0  | 131.5  | 131.1  | 132.1  | 133.1  | 133.5  | 133.6  | 134.2  |
| 60°    | 119.1  | 117.3  | 116.9  | 116.0  | 116.9  | 117.3  | 119.1  | 121.3  | 122.2  | 122.7  | 123.4  |
| 62.5°  | 104.5  | 103.2  | 101.7  | 102.5  | 101.7  | 103.2  | 104.5  | 106.9  | 108.9  | 110.4  | 112.0  |
| 65°    | 85.0   | 84.1   | 83.4   | 84.4   | 83.4   | 84.1   | 85.0   | 86.8   | 88.6   | 92.1   | 95.5   |
| 67.5°  | 70.3   | 69.8   | 69.8   | 69.5   | 69.8   | 69.8   | 70.3   | 71.3   | 72.4   | 74.4   | 77.5   |
| 70°    | 62.7   | 62.0   | 62.0   | 61.5   | 62.0   | 62.0   | 62.7   | 62.7   | 63.8   | 64.7   | 66.9   |
| 72.5°  | 54.9   | 54.2   | 54.4   | 54.1   | 54.4   | 54.2   | 54.9   | 55.0   | 56.1   | 56.5   | 57.5   |
| 75°    | 40.6   | 39.5   | 39.5   | 39.7   | 39.5   | 39.5   | 40.6   | 41.9   | 43.1   | 45.1   | 45.5   |
| 77.5°  | 30.3   | 30.1   | 30.3   | 30.0   | 30.3   | 30.1   | 30.3   | 30.3   | 30.5   | 31.5   | 32.2   |
| 80°    | 24.8   | 24.5   | 24.3   | 25.0   | 24.3   | 24.5   | 24.8   | 24.8   | 25.0   | 25.2   | 25.4   |
| 82.5°  | 19.2   | 19.2   | 19.1   | 20.0   | 19.1   | 19.2   | 19.2   | 19.6   | 19.6   | 19.5   | 19.7   |
| 85°    | 11.6   | 11.1   | 11.6   | 11.1   | 11.6   | 11.1   | 11.6   | 11.4   | 11.6   | 11.4   | 11.6   |
| 87.5°  | 8.7    | 8.8    | 8.4    | 8.5    | 8.4    | 8.8    | 8.7    | 8.1    | 8.1    | 8.3    | 7.8    |
| 90°    | 23.0   | 24.1   | 23.0   | 23.0   | 23.0   | 24.1   | 23.0   | 21.9   | 21.9   | 20.8   | 19.7   |
| 92.5°  | 94.0   | 88.0   | 84.4   | 84.4   | 84.4   | 88.0   | 94.0   | 106.9  | 128.8  | 161.8  | 215.1  |
| 95°    | 335.2  | 301.2  | 281.4  | 267.2  | 281.4  | 301.2  | 335.2  | 388.8  | 495.0  | 641.8  | 811.5  |
| 97.5°  | 835.8  | 770.0  | 737.1  | 714.4  | 737.1  | 770.0  | 835.8  | 914.5  | 1028.9 | 1136.0 | 1199.1 |
| 100°   | 1112.8 | 1045.9 | 1013.1 | 1004.4 | 1013.1 | 1045.9 | 1112.8 | 1208.1 | 1289.1 | 1342.7 | 1320.9 |
| 102.5° | 1346.7 | 1298.3 | 1263.7 | 1256.7 | 1263.7 | 1298.3 | 1346.7 | 1405.1 | 1438.9 | 1423.3 | 1314.8 |
| 105°   | 1571.7 | 1562.9 | 1547.6 | 1541.0 | 1547.6 | 1562.9 | 1571.7 | 1569.4 | 1524.6 | 1416.2 | 1226.6 |
| 107.5° | 1607.8 | 1632.8 | 1643.7 | 1646.6 | 1643.7 | 1632.8 | 1607.8 | 1553.7 | 1456.0 | 1303.3 | 1101.5 |
| 110°   | 1572.7 | 1618.7 | 1638.5 | 1648.3 | 1638.5 | 1618.7 | 1572.7 | 1495.0 | 1374.5 | 1215.7 | 1026.2 |



TEST NUMBER: P332891-830

CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 112.5° | 1497.4 | 1553.0 | 1580.6 | 1596.7 | 1580.6 | 1553.0 | 1497.4 | 1409.1 | 1288.6 | 1138.6 | 971.0 |
| 115°   | 1370.2 | 1435.9 | 1470.9 | 1479.7 | 1470.9 | 1435.9 | 1370.2 | 1283.6 | 1178.5 | 1050.4 | 915.6 |
| 117.5° | 1263.7 | 1318.9 | 1354.3 | 1361.1 | 1354.3 | 1318.9 | 1263.7 | 1189.9 | 1100.7 | 999.9  | 888.4 |
| 120°   | 1205.9 | 1254.1 | 1282.5 | 1294.6 | 1282.5 | 1254.1 | 1205.9 | 1143.4 | 1065.6 | 978.1  | 876.2 |
| 122.5° | 1164.7 | 1205.9 | 1229.9 | 1242.0 | 1229.9 | 1205.9 | 1164.7 | 1111.9 | 1043.8 | 964.0  | 865.6 |
| 125°   | 1121.5 | 1153.3 | 1174.1 | 1180.6 | 1174.1 | 1153.3 | 1121.5 | 1077.7 | 1017.5 | 941.9  | 847.7 |
| 127.5° | 1092.4 | 1120.7 | 1138.2 | 1144.7 | 1138.2 | 1120.7 | 1092.4 | 1048.4 | 991.2  | 915.9  | 825.8 |
| 130°   | 1072.2 | 1099.6 | 1117.1 | 1123.7 | 1117.1 | 1099.6 | 1072.2 | 1027.4 | 969.3  | 894.8  | 808.3 |
| 132.5° | 1045.9 | 1076.9 | 1093.4 | 1100.0 | 1093.4 | 1076.9 | 1045.9 | 1001.9 | 943.9  | 871.2  | 789.9 |
| 135°   | 1001.1 | 1031.7 | 1049.2 | 1055.8 | 1049.2 | 1031.7 | 1001.1 | 957.2  | 902.5  | 835.7  | 764.5 |
| 137.5° | 948.5  | 978.7  | 993.2  | 1001.1 | 993.2  | 978.7  | 948.5  | 907.5  | 858.0  | 801.7  | 741.5 |
| 140°   | 913.4  | 937.5  | 952.8  | 961.6  | 952.8  | 937.5  | 913.4  | 875.1  | 829.1  | 779.8  | 728.3 |
| 142.5° | 877.5  | 899.8  | 913.4  | 919.5  | 913.4  | 899.8  | 877.5  | 843.6  | 803.7  | 761.4  | 716.0 |
| 145°   | 826.9  | 845.6  | 856.5  | 862.0  | 856.5  | 845.6  | 826.9  | 799.6  | 768.8  | 736.0  | 698.8 |
| 147.5° | 784.7  | 800.6  | 809.0  | 810.9  | 809.0  | 800.6  | 784.7  | 764.5  | 740.4  | 714.1  | 684.6 |
| 150°   | 760.1  | 774.3  | 780.9  | 782.0  | 780.9  | 774.3  | 760.1  | 742.5  | 722.8  | 701.0  | 675.8 |
| 152.5° | 739.0  | 750.6  | 754.6  | 755.7  | 754.6  | 750.6  | 739.0  | 724.2  | 707.9  | 687.8  | 666.1 |
| 155°   | 709.7  | 718.5  | 721.8  | 721.8  | 721.8  | 718.5  | 709.7  | 698.8  | 685.6  | 669.2  | 651.7 |
| 157.5° | 683.4  | 690.0  | 692.0  | 692.0  | 692.0  | 690.0  | 683.4  | 675.1  | 664.6  | 650.8  | 636.1 |
| 160°   | 665.9  | 672.5  | 673.5  | 673.5  | 673.5  | 672.5  | 665.9  | 659.3  | 650.5  | 638.5  | 626.5 |
| 162.5° | 649.2  | 655.8  | 657.0  | 656.0  | 657.0  | 655.8  | 649.2  | 644.4  | 636.6  | 627.2  | 616.8 |
| 165°   | 627.5  | 632.0  | 630.8  | 629.8  | 630.8  | 632.0  | 627.5  | 623.2  | 617.7  | 610.0  | 603.5 |
| 167.5° | 607.2  | 610.0  | 609.8  | 609.0  | 609.8  | 610.0  | 607.2  | 605.0  | 601.7  | 595.6  | 590.6 |
| 170°   | 595.8  | 596.9  | 595.8  | 595.8  | 595.8  | 596.9  | 595.8  | 593.6  | 590.3  | 586.0  | 582.7 |
| 172.5° | 584.4  | 585.5  | 584.4  | 582.7  | 584.4  | 585.5  | 584.4  | 583.1  | 580.7  | 578.1  | 575.6 |
| 175°   | 569.5  | 571.7  | 569.5  | 567.3  | 569.5  | 571.7  | 569.5  | 569.5  | 569.5  | 567.3  | 566.3 |
| 177.5° | 561.0  | 561.8  | 560.1  | 558.4  | 560.1  | 561.8  | 561.0  | 561.8  | 561.0  | 561.0  | 560.1 |
| 180°   | 557.5  | 557.5  | 557.5  | 557.5  | 557.5  | 557.5  | 557.5  | 557.5  | 557.5  | 557.5  | 557.5 |



TEST NUMBER: P332891-830

CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 553.6  | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 |
| 2.5°   | 529.5  | 530.8 | 533.7 | 536.9 | 539.6 | 541.9 | 543.7 | 546.2 | 548.5 | 551.7 | 554.7 |
| 5°     | 497.5  | 500.6 | 505.0 | 510.4 | 517.1 | 521.5 | 527.1 | 532.1 | 539.1 | 546.3 | 553.2 |
| 7.5°   | 469.3  | 472.7 | 479.3 | 486.6 | 494.6 | 501.9 | 508.5 | 517.2 | 526.6 | 537.1 | 548.7 |
| 10°    | 451.0  | 454.9 | 462.6 | 471.1 | 480.5 | 487.7 | 496.5 | 506.8 | 517.6 | 530.3 | 544.5 |
| 12.5°  | 434.6  | 438.3 | 447.6 | 456.3 | 466.0 | 473.9 | 484.3 | 494.6 | 509.0 | 522.7 | 538.9 |
| 15°    | 402.7  | 412.3 | 422.9 | 433.2 | 444.8 | 454.4 | 466.8 | 477.6 | 491.2 | 510.6 | 529.1 |
| 17.5°  | 367.1  | 377.3 | 390.7 | 406.5 | 422.1 | 433.9 | 446.6 | 459.9 | 476.1 | 495.9 | 517.3 |
| 20°    | 346.4  | 354.7 | 369.4 | 387.0 | 405.1 | 421.6 | 433.2 | 447.9 | 464.7 | 486.1 | 508.1 |
| 22.5°  | 330.9  | 337.9 | 349.4 | 367.0 | 386.5 | 405.7 | 420.6 | 435.1 | 453.6 | 475.0 | 499.1 |
| 25°    | 307.6  | 315.2 | 325.3 | 337.2 | 359.6 | 379.8 | 399.3 | 416.0 | 435.6 | 457.0 | 483.8 |
| 27.5°  | 288.2  | 294.8 | 304.1 | 316.6 | 331.6 | 353.9 | 377.5 | 396.5 | 416.7 | 439.7 | 466.5 |
| 30°    | 276.8  | 282.2 | 289.7 | 302.5 | 316.8 | 336.9 | 360.7 | 383.0 | 403.3 | 427.2 | 455.1 |
| 32.5°  | 264.9  | 270.6 | 278.0 | 288.0 | 303.4 | 320.3 | 344.1 | 368.5 | 390.1 | 414.5 | 441.9 |
| 35°    | 248.9  | 253.4 | 260.1 | 270.3 | 284.2 | 298.9 | 320.1 | 345.3 | 368.1 | 394.2 | 420.3 |
| 37.5°  | 232.8  | 238.1 | 243.4 | 252.5 | 263.8 | 279.7 | 297.0 | 322.8 | 348.0 | 371.8 | 397.3 |
| 40°    | 223.8  | 226.9 | 232.6 | 240.1 | 252.0 | 266.1 | 282.4 | 307.6 | 332.8 | 356.5 | 382.1 |
| 42.5°  | 213.6  | 217.1 | 222.0 | 229.3 | 240.1 | 253.8 | 269.8 | 291.5 | 317.8 | 340.7 | 364.1 |
| 45°    | 199.4  | 201.4 | 206.3 | 212.5 | 221.5 | 235.4 | 250.1 | 269.5 | 294.3 | 316.1 | 336.6 |
| 47.5°  | 185.1  | 186.9 | 189.9 | 195.7 | 205.7 | 216.8 | 230.5 | 248.0 | 269.7 | 291.5 | 308.9 |
| 50°    | 175.3  | 176.9 | 179.8 | 185.1 | 194.1 | 205.0 | 218.6 | 234.2 | 253.6 | 274.6 | 289.1 |
| 52.5°  | 165.5  | 166.4 | 169.1 | 175.1 | 182.7 | 193.4 | 205.6 | 220.0 | 238.1 | 255.5 | 270.2 |
| 55°    | 149.9  | 151.9 | 153.7 | 158.2 | 165.3 | 175.6 | 186.5 | 200.1 | 214.1 | 228.8 | 241.4 |
| 57.5°  | 133.7  | 135.8 | 138.4 | 142.3 | 148.0 | 157.5 | 167.3 | 178.3 | 190.4 | 202.6 | 213.1 |
| 60°    | 122.9  | 124.9 | 127.1 | 131.6 | 136.8 | 144.3 | 155.0 | 164.7 | 173.8 | 184.9 | 195.4 |
| 62.5°  | 112.4  | 114.4 | 117.0 | 120.6 | 125.5 | 132.7 | 141.7 | 150.0 | 159.5 | 169.2 | 177.0 |
| 65°    | 96.8   | 98.4  | 100.4 | 103.8 | 108.4 | 114.9 | 122.2 | 128.8 | 137.2 | 144.3 | 151.5 |
| 67.5°  | 79.7   | 82.8  | 85.3  | 88.0  | 92.0  | 98.0  | 103.4 | 109.6 | 115.4 | 120.6 | 127.1 |
| 70°    | 68.5   | 71.8  | 74.3  | 77.2  | 81.0  | 86.1  | 91.2  | 95.5  | 100.2 | 105.3 | 111.1 |
| 72.5°  | 59.0   | 61.6  | 63.6  | 66.6  | 70.1  | 74.8  | 79.6  | 83.1  | 87.0  | 90.5  | 96.1  |
| 75°    | 46.7   | 47.7  | 49.1  | 51.6  | 54.7  | 58.2  | 62.0  | 65.1  | 67.4  | 70.5  | 74.5  |
| 77.5°  | 33.5   | 35.6  | 36.6  | 38.3  | 40.5  | 42.7  | 45.2  | 47.9  | 50.0  | 51.1  | 54.2  |
| 80°    | 25.6   | 26.6  | 27.4  | 29.9  | 31.2  | 33.5  | 35.3  | 37.7  | 38.5  | 39.7  | 42.6  |
| 82.5°  | 20.0   | 20.5  | 21.0  | 21.7  | 22.5  | 24.7  | 26.5  | 28.1  | 28.9  | 29.3  | 31.6  |
| 85°    | 11.6   | 11.8  | 12.1  | 12.3  | 12.5  | 12.5  | 13.4  | 14.5  | 16.0  | 16.0  | 16.8  |
| 87.5°  | 7.6    | 8.0   | 7.6   | 7.0   | 7.4   | 6.0   | 6.2   | 6.0   | 6.3   | 6.2   | 6.3   |
| 90°    | 18.7   | 19.7  | 17.5  | 15.4  | 15.4  | 8.8   | 8.8   | 7.6   | 6.6   | 3.3   | 1.1   |
| 92.5°  | 289.4  | 347.4 | 304.1 | 221.2 | 136.3 | 80.6  | 57.9  | 41.8  | 28.5  | 18.2  | 12.4  |
| 95°    | 917.8  | 892.6 | 673.5 | 411.8 | 232.1 | 137.0 | 90.9  | 64.7  | 50.4  | 39.4  | 36.1  |
| 97.5°  | 1153.1 | 940.2 | 630.4 | 370.2 | 221.9 | 148.5 | 110.0 | 87.4  | 74.3  | 64.8  | 64.8  |
| 100°   | 1160.9 | 880.5 | 571.7 | 348.3 | 224.5 | 159.9 | 124.9 | 104.1 | 90.9  | 83.2  | 83.2  |
| 102.5° | 1095.2 | 806.1 | 532.3 | 342.1 | 233.3 | 174.8 | 141.5 | 121.6 | 109.3 | 102.5 | 100.8 |
| 105°   | 975.8  | 718.5 | 498.3 | 345.0 | 254.1 | 201.5 | 169.8 | 150.1 | 137.0 | 131.4 | 128.2 |
| 107.5° | 879.5  | 669.4 | 492.2 | 361.2 | 278.4 | 230.3 | 198.9 | 180.0 | 166.1 | 160.5 | 158.3 |
| 110°   | 831.3  | 652.8 | 494.0 | 373.4 | 296.8 | 248.6 | 219.0 | 199.3 | 186.2 | 180.7 | 178.5 |



TEST NUMBER: P332891-830

CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 804.1 | 644.9 | 499.2 | 386.6 | 314.3 | 267.9 | 238.4 | 218.6 | 206.3 | 200.0 | 197.8 |
| 115°   | 778.7 | 640.7 | 509.3 | 407.5 | 341.7 | 297.9 | 268.3 | 247.5 | 236.6 | 228.9 | 225.6 |
| 117.5° | 767.3 | 639.6 | 520.0 | 428.7 | 368.3 | 326.6 | 296.0 | 276.4 | 264.4 | 257.6 | 254.5 |
| 120°   | 761.2 | 639.6 | 527.9 | 443.6 | 386.6 | 345.0 | 314.3 | 295.7 | 283.7 | 276.0 | 273.8 |
| 122.5° | 754.2 | 638.8 | 535.8 | 457.6 | 404.2 | 362.5 | 332.7 | 312.4 | 301.2 | 293.5 | 291.3 |
| 125°   | 742.5 | 637.4 | 547.6 | 478.6 | 428.2 | 388.8 | 358.2 | 337.3 | 325.3 | 318.7 | 314.3 |
| 127.5° | 727.0 | 635.0 | 557.0 | 496.8 | 450.5 | 412.5 | 381.5 | 359.9 | 346.1 | 338.2 | 334.7 |
| 130°   | 717.4 | 634.1 | 564.0 | 508.2 | 465.5 | 428.2 | 396.4 | 375.7 | 359.2 | 350.4 | 346.1 |
| 132.5° | 708.6 | 633.3 | 570.1 | 519.6 | 477.8 | 440.5 | 410.5 | 388.0 | 372.4 | 361.0 | 357.5 |
| 135°   | 695.5 | 632.0 | 579.4 | 534.5 | 495.0 | 458.9 | 430.5 | 407.5 | 388.8 | 377.9 | 373.4 |
| 137.5° | 684.1 | 631.7 | 584.8 | 545.0 | 508.2 | 474.5 | 447.3 | 423.4 | 405.7 | 393.6 | 389.5 |
| 140°   | 678.0 | 630.8 | 589.3 | 552.0 | 517.0 | 484.1 | 457.8 | 434.8 | 416.2 | 404.2 | 400.9 |
| 142.5° | 672.7 | 630.8 | 592.8 | 557.2 | 524.8 | 492.9 | 467.4 | 445.4 | 427.5 | 416.4 | 413.1 |
| 145°   | 663.7 | 628.7 | 594.7 | 563.0 | 533.4 | 504.9 | 480.8 | 460.0 | 444.7 | 433.8 | 430.5 |
| 147.5° | 655.6 | 624.7 | 595.8 | 568.0 | 542.2 | 515.4 | 493.7 | 476.5 | 460.6 | 451.0 | 449.9 |
| 150°   | 649.5 | 622.1 | 595.8 | 570.6 | 546.5 | 522.5 | 501.6 | 485.2 | 472.0 | 463.3 | 462.2 |
| 152.5° | 642.4 | 617.7 | 594.1 | 572.4 | 550.1 | 528.6 | 509.5 | 494.8 | 482.6 | 473.8 | 473.5 |
| 155°   | 632.0 | 611.1 | 591.4 | 573.9 | 555.3 | 536.7 | 520.3 | 508.2 | 497.2 | 490.7 | 489.6 |
| 157.5° | 621.2 | 604.4 | 588.6 | 573.9 | 559.0 | 543.3 | 530.3 | 519.8 | 511.2 | 505.1 | 505.1 |
| 160°   | 613.3 | 599.1 | 586.0 | 573.9 | 560.7 | 547.6 | 535.6 | 526.8 | 519.2 | 514.7 | 514.7 |
| 162.5° | 606.3 | 593.8 | 583.3 | 573.9 | 562.5 | 550.3 | 540.8 | 532.9 | 526.1 | 522.6 | 523.5 |
| 165°   | 594.7 | 586.0 | 578.2 | 571.7 | 563.0 | 553.1 | 546.5 | 541.0 | 535.6 | 533.4 | 533.4 |
| 167.5° | 584.2 | 578.1 | 573.1 | 569.1 | 562.7 | 555.5 | 550.4 | 547.4 | 543.3 | 542.2 | 543.3 |
| 170°   | 577.2 | 572.8 | 569.5 | 567.3 | 561.8 | 556.4 | 553.1 | 550.9 | 547.6 | 546.5 | 547.6 |
| 172.5° | 571.1 | 567.5 | 566.0 | 565.6 | 561.0 | 557.2 | 554.9 | 553.6 | 551.1 | 550.9 | 552.0 |
| 175°   | 564.0 | 561.8 | 561.8 | 563.0 | 559.7 | 557.5 | 557.5 | 556.4 | 555.3 | 555.3 | 556.4 |
| 177.5° | 559.2 | 558.4 | 558.4 | 560.1 | 558.4 | 557.5 | 557.5 | 557.5 | 556.6 | 557.5 | 558.4 |
| 180°   | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 |



TEST NUMBER: P332891-830

CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°   | 325°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0°     | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6 | 553.6  | 553.6  |
| 2.5°   | 557.0 | 558.6 | 560.4 | 563.8 | 566.7 | 568.0 | 570.4 | 572.2 | 571.7 | 574.2  | 578.4  |
| 5°     | 559.2 | 565.2 | 572.2 | 579.3 | 587.3 | 594.0 | 599.4 | 604.7 | 609.0 | 614.1  | 621.7  |
| 7.5°   | 558.8 | 569.6 | 581.3 | 594.0 | 607.2 | 618.6 | 629.1 | 639.8 | 649.3 | 659.7  | 673.4  |
| 10°    | 557.4 | 571.7 | 586.3 | 602.9 | 619.7 | 635.6 | 649.8 | 663.2 | 675.9 | 689.5  | 706.7  |
| 12.5°  | 555.8 | 572.2 | 589.7 | 609.9 | 630.7 | 649.8 | 666.6 | 685.9 | 701.8 | 719.3  | 739.1  |
| 15°    | 548.7 | 570.8 | 594.7 | 620.8 | 645.8 | 671.5 | 694.4 | 718.0 | 740.2 | 761.1  | 786.1  |
| 17.5°  | 540.6 | 566.1 | 594.3 | 625.1 | 655.1 | 686.3 | 713.6 | 743.4 | 765.9 | 794.1  | 817.3  |
| 20°    | 534.0 | 561.5 | 591.5 | 626.1 | 660.3 | 694.8 | 725.0 | 755.4 | 780.7 | 809.1  | 838.5  |
| 22.5°  | 526.0 | 556.1 | 588.7 | 624.5 | 660.3 | 698.0 | 731.4 | 761.6 | 793.1 | 824.9  | 855.3  |
| 25°    | 513.0 | 544.3 | 578.9 | 618.1 | 659.2 | 697.8 | 733.5 | 770.9 | 804.8 | 839.4  | 866.7  |
| 27.5°  | 497.2 | 530.0 | 566.4 | 606.9 | 649.0 | 688.5 | 730.6 | 770.5 | 804.6 | 837.9  | 861.7  |
| 30°    | 484.5 | 519.1 | 554.1 | 595.1 | 638.9 | 681.3 | 726.3 | 766.3 | 802.2 | 832.1  | 845.5  |
| 32.5°  | 471.5 | 504.3 | 540.4 | 581.9 | 626.7 | 672.3 | 717.0 | 757.9 | 791.1 | 809.0  | 809.4  |
| 35°    | 448.8 | 479.6 | 517.1 | 557.9 | 603.9 | 653.4 | 698.6 | 738.8 | 759.1 | 760.6  | 738.8  |
| 37.5°  | 424.1 | 452.3 | 487.7 | 528.6 | 578.9 | 628.2 | 674.4 | 701.2 | 707.9 | 685.2  | 644.9  |
| 40°    | 406.4 | 432.5 | 466.7 | 508.6 | 558.6 | 609.4 | 651.6 | 671.2 | 664.1 | 627.3  | 582.2  |
| 42.5°  | 387.9 | 412.2 | 445.1 | 486.4 | 536.6 | 588.1 | 624.0 | 634.4 | 615.6 | 573.1  | 520.3  |
| 45°    | 357.6 | 379.8 | 412.5 | 454.2 | 502.4 | 550.5 | 577.8 | 572.4 | 540.9 | 490.5  | 431.4  |
| 47.5°  | 326.0 | 347.6 | 376.9 | 415.5 | 464.9 | 506.4 | 524.8 | 508.7 | 463.9 | 408.5  | 360.4  |
| 50°    | 305.2 | 327.3 | 354.2 | 391.1 | 436.1 | 476.3 | 488.0 | 463.5 | 413.8 | 360.5  | 316.3  |
| 52.5°  | 284.6 | 303.5 | 330.0 | 365.5 | 408.6 | 442.5 | 448.8 | 420.6 | 369.2 | 321.4  | 282.2  |
| 55°    | 253.4 | 270.6 | 292.8 | 326.3 | 363.6 | 392.4 | 389.0 | 352.7 | 306.0 | 265.2  | 234.4  |
| 57.5°  | 223.2 | 236.1 | 256.7 | 288.1 | 320.8 | 340.2 | 327.9 | 296.9 | 253.4 | 220.0  | 194.1  |
| 60°    | 203.2 | 215.3 | 234.4 | 261.8 | 290.7 | 301.6 | 291.3 | 257.7 | 223.3 | 192.7  | 170.9  |
| 62.5°  | 184.3 | 194.9 | 211.4 | 236.9 | 260.1 | 266.6 | 255.6 | 226.2 | 195.3 | 169.2  | 151.1  |
| 65°    | 156.8 | 166.6 | 180.7 | 198.8 | 214.8 | 217.9 | 210.8 | 180.7 | 157.3 | 135.4  | 122.9  |
| 67.5°  | 131.9 | 138.3 | 149.3 | 164.9 | 173.4 | 175.2 | 161.5 | 142.5 | 121.9 | 108.5  | 99.1   |
| 70°    | 115.1 | 119.6 | 129.8 | 138.3 | 145.2 | 145.4 | 132.7 | 117.5 | 101.7 | 90.8   | 83.9   |
| 72.5°  | 98.9  | 103.1 | 110.9 | 116.7 | 122.1 | 120.3 | 108.7 | 96.7  | 83.9  | 75.6   | 70.5   |
| 75°    | 76.3  | 80.1  | 84.1  | 86.8  | 86.8  | 84.5  | 76.1  | 67.1  | 59.8  | 54.9   | 53.3   |
| 77.5°  | 55.4  | 58.5  | 59.9  | 59.5  | 58.7  | 55.2  | 49.9  | 44.0  | 41.4  | 39.1   | 37.9   |
| 80°    | 43.5  | 44.9  | 45.2  | 44.2  | 42.8  | 38.8  | 35.3  | 32.8  | 30.3  | 29.4   | 29.0   |
| 82.5°  | 32.2  | 33.5  | 32.2  | 32.6  | 29.6  | 26.3  | 24.3  | 23.5  | 22.5  | 22.1   | 21.7   |
| 85°    | 17.2  | 17.0  | 16.5  | 15.4  | 13.4  | 12.9  | 12.7  | 12.5  | 12.1  | 12.3   | 11.8   |
| 87.5°  | 6.5   | 6.7   | 6.1   | 6.2   | 6.2   | 7.2   | 7.4   | 7.8   | 8.2   | 7.8    | 8.4    |
| 90°    | 3.3   | 6.6   | 7.6   | 8.8   | 8.8   | 15.4  | 15.4  | 17.5  | 19.7  | 18.7   | 19.7   |
| 92.5°  | 18.2  | 28.5  | 41.8  | 57.9  | 80.6  | 136.3 | 221.2 | 304.1 | 347.4 | 289.4  | 215.1  |
| 95°    | 39.4  | 50.4  | 64.7  | 90.9  | 137.0 | 232.1 | 411.8 | 673.5 | 892.6 | 917.8  | 811.5  |
| 97.5°  | 64.8  | 74.3  | 87.4  | 110.0 | 148.5 | 221.9 | 370.2 | 630.4 | 940.2 | 1153.1 | 1199.1 |
| 100°   | 83.2  | 90.9  | 104.1 | 124.9 | 159.9 | 224.5 | 348.3 | 571.7 | 880.5 | 1160.9 | 1320.9 |
| 102.5° | 102.5 | 109.3 | 121.6 | 141.5 | 174.8 | 233.3 | 342.1 | 532.3 | 806.1 | 1095.2 | 1314.8 |
| 105°   | 131.4 | 137.0 | 150.1 | 169.8 | 201.5 | 254.1 | 345.0 | 498.3 | 718.5 | 975.8  | 1226.6 |
| 107.5° | 160.5 | 166.1 | 180.0 | 198.9 | 230.3 | 278.4 | 361.2 | 492.2 | 669.4 | 879.5  | 1101.5 |
| 110°   | 180.7 | 186.2 | 199.3 | 219.0 | 248.6 | 296.8 | 373.4 | 494.0 | 652.8 | 831.3  | 1026.2 |





TEST NUMBER: P332891-830

CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.0 | 206.3 | 218.6 | 238.4 | 267.9 | 314.3 | 386.6 | 499.2 | 644.9 | 804.1 | 971.0 |
| 115°   | 228.9 | 236.6 | 247.5 | 268.3 | 297.9 | 341.7 | 407.5 | 509.3 | 640.7 | 778.7 | 915.6 |
| 117.5° | 257.6 | 264.4 | 276.4 | 296.0 | 326.6 | 368.3 | 428.7 | 520.0 | 639.6 | 767.3 | 888.4 |
| 120°   | 276.0 | 283.7 | 295.7 | 314.3 | 345.0 | 386.6 | 443.6 | 527.9 | 639.6 | 761.2 | 876.2 |
| 122.5° | 293.5 | 301.2 | 312.4 | 332.7 | 362.5 | 404.2 | 457.6 | 535.8 | 638.8 | 754.2 | 865.6 |
| 125°   | 318.7 | 325.3 | 337.3 | 358.2 | 388.8 | 428.2 | 478.6 | 547.6 | 637.4 | 742.5 | 847.7 |
| 127.5° | 338.2 | 346.1 | 359.9 | 381.5 | 412.5 | 450.5 | 496.8 | 557.0 | 635.0 | 727.0 | 825.8 |
| 130°   | 350.4 | 359.2 | 375.7 | 396.4 | 428.2 | 465.5 | 508.2 | 564.0 | 634.1 | 717.4 | 808.3 |
| 132.5° | 361.0 | 372.4 | 388.0 | 410.5 | 440.5 | 477.8 | 519.6 | 570.1 | 633.3 | 708.6 | 789.9 |
| 135°   | 377.9 | 388.8 | 407.5 | 430.5 | 458.9 | 495.0 | 534.5 | 579.4 | 632.0 | 695.5 | 764.5 |
| 137.5° | 393.6 | 405.7 | 423.4 | 447.3 | 474.5 | 508.2 | 545.0 | 584.8 | 631.7 | 684.1 | 741.5 |
| 140°   | 404.2 | 416.2 | 434.8 | 457.8 | 484.1 | 517.0 | 552.0 | 589.3 | 630.8 | 678.0 | 728.3 |
| 142.5° | 416.4 | 427.5 | 445.4 | 467.4 | 492.9 | 524.8 | 557.2 | 592.8 | 630.8 | 672.7 | 716.0 |
| 145°   | 433.8 | 444.7 | 460.0 | 480.8 | 504.9 | 533.4 | 563.0 | 594.7 | 628.7 | 663.7 | 698.8 |
| 147.5° | 451.0 | 460.6 | 476.5 | 493.7 | 515.4 | 542.2 | 568.0 | 595.8 | 624.7 | 655.6 | 684.6 |
| 150°   | 463.3 | 472.0 | 485.2 | 501.6 | 522.5 | 546.5 | 570.6 | 595.8 | 622.1 | 649.5 | 675.8 |
| 152.5° | 473.8 | 482.6 | 494.8 | 509.5 | 528.6 | 550.1 | 572.4 | 594.1 | 617.7 | 642.4 | 666.1 |
| 155°   | 490.7 | 497.2 | 508.2 | 520.3 | 536.7 | 555.3 | 573.9 | 591.4 | 611.1 | 632.0 | 651.7 |
| 157.5° | 505.1 | 511.2 | 519.8 | 530.3 | 543.3 | 559.0 | 573.9 | 588.6 | 604.4 | 621.2 | 636.1 |
| 160°   | 514.7 | 519.2 | 526.8 | 535.6 | 547.6 | 560.7 | 573.9 | 586.0 | 599.1 | 613.3 | 626.5 |
| 162.5° | 522.6 | 526.1 | 532.9 | 540.8 | 550.3 | 562.5 | 573.9 | 583.3 | 593.8 | 606.3 | 616.8 |
| 165°   | 533.4 | 535.6 | 541.0 | 546.5 | 553.1 | 563.0 | 571.7 | 578.2 | 586.0 | 594.7 | 603.5 |
| 167.5° | 542.2 | 543.3 | 547.4 | 550.4 | 555.5 | 562.7 | 569.1 | 573.1 | 578.1 | 584.2 | 590.6 |
| 170°   | 546.5 | 547.6 | 550.9 | 553.1 | 556.4 | 561.8 | 567.3 | 569.5 | 572.8 | 577.2 | 582.7 |
| 172.5° | 550.9 | 551.1 | 553.6 | 554.9 | 557.2 | 561.0 | 565.6 | 566.0 | 567.5 | 571.1 | 575.6 |
| 175°   | 555.3 | 555.3 | 556.4 | 557.5 | 557.5 | 559.7 | 563.0 | 561.8 | 561.8 | 564.0 | 566.3 |
| 177.5° | 557.5 | 556.6 | 557.5 | 557.5 | 557.5 | 558.4 | 560.1 | 558.4 | 558.4 | 559.2 | 560.1 |
| 180°   | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 | 557.5 |



TEST NUMBER: P332891-830

CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  | 553.6  |
| 2.5°   | 580.8  | 581.5  | 582.0  | 583.8  | 584.0  | 585.6  | 584.0  |
| 5°     | 628.9  | 632.0  | 636.9  | 641.8  | 642.2  | 645.4  | 639.8  |
| 7.5°   | 682.7  | 689.9  | 694.5  | 702.4  | 705.5  | 707.5  | 704.3  |
| 10°    | 719.8  | 726.5  | 738.4  | 744.1  | 750.0  | 750.8  | 748.2  |
| 12.5°  | 755.7  | 766.3  | 775.6  | 786.6  | 786.4  | 794.2  | 791.4  |
| 15°    | 803.5  | 814.5  | 827.4  | 839.6  | 844.0  | 844.0  | 847.6  |
| 17.5°  | 837.5  | 857.6  | 871.0  | 880.6  | 891.2  | 893.0  | 891.7  |
| 20°    | 860.6  | 882.2  | 896.5  | 909.0  | 916.2  | 918.1  | 918.1  |
| 22.5°  | 877.7  | 896.2  | 910.1  | 921.3  | 927.2  | 929.5  | 928.9  |
| 25°    | 889.6  | 905.4  | 913.9  | 917.3  | 918.8  | 918.4  | 914.2  |
| 27.5°  | 873.4  | 872.6  | 867.3  | 857.1  | 849.3  | 844.6  | 839.2  |
| 30°    | 842.4  | 830.7  | 817.3  | 802.6  | 783.6  | 769.1  | 764.7  |
| 32.5°  | 796.1  | 770.1  | 747.3  | 722.8  | 702.5  | 688.0  | 681.8  |
| 35°    | 706.7  | 665.4  | 631.7  | 602.3  | 580.9  | 567.5  | 563.0  |
| 37.5°  | 600.6  | 560.6  | 519.0  | 490.4  | 472.6  | 459.1  | 454.1  |
| 40°    | 533.1  | 489.7  | 453.3  | 426.5  | 408.2  | 395.0  | 394.8  |
| 42.5°  | 471.6  | 430.0  | 395.8  | 376.5  | 356.8  | 348.1  | 348.1  |
| 45°    | 386.2  | 352.9  | 323.9  | 308.7  | 296.9  | 289.7  | 287.8  |
| 47.5°  | 319.7  | 292.2  | 272.9  | 260.8  | 251.2  | 246.7  | 243.6  |
| 50°    | 282.4  | 258.4  | 242.9  | 232.4  | 227.1  | 221.3  | 220.8  |
| 52.5°  | 251.4  | 231.9  | 219.9  | 211.4  | 204.6  | 201.1  | 201.2  |
| 55°    | 211.2  | 195.9  | 187.4  | 180.9  | 175.6  | 172.9  | 171.7  |
| 57.5°  | 178.0  | 166.5  | 160.2  | 154.3  | 152.0  | 150.0  | 149.4  |
| 60°    | 157.3  | 149.5  | 143.6  | 138.9  | 135.6  | 135.0  | 134.7  |
| 62.5°  | 140.2  | 132.0  | 128.0  | 124.3  | 121.9  | 120.8  | 120.5  |
| 65°    | 115.6  | 109.5  | 105.9  | 103.0  | 102.2  | 100.6  | 100.4  |
| 67.5°  | 93.1   | 89.5   | 87.2   | 85.2   | 84.0   | 83.9   | 83.9   |
| 70°    | 79.5   | 77.4   | 75.4   | 74.3   | 73.6   | 73.1   | 73.1   |
| 72.5°  | 67.7   | 66.2   | 64.5   | 63.9   | 63.8   | 63.3   | 63.2   |
| 75°    | 51.6   | 50.0   | 50.2   | 49.1   | 48.2   | 47.0   | 46.4   |
| 77.5°  | 36.6   | 35.4   | 35.2   | 35.1   | 34.3   | 34.2   | 34.5   |
| 80°    | 28.4   | 27.2   | 27.0   | 27.2   | 27.0   | 26.3   | 26.3   |
| 82.5°  | 21.6   | 20.6   | 20.4   | 20.3   | 20.1   | 20.3   | 19.9   |
| 85°    | 11.6   | 11.1   | 11.1   | 11.1   | 11.6   | 11.4   | 11.1   |
| 87.5°  | 8.3    | 8.3    | 8.5    | 8.5    | 8.8    | 8.4    | 8.5    |
| 90°    | 20.8   | 21.9   | 21.9   | 23.0   | 24.1   | 23.0   | 23.0   |
| 92.5°  | 161.8  | 128.8  | 106.9  | 94.0   | 88.0   | 84.4   | 84.4   |
| 95°    | 641.8  | 495.0  | 388.8  | 335.2  | 301.2  | 281.4  | 267.2  |
| 97.5°  | 1136.0 | 1028.9 | 914.5  | 835.8  | 770.0  | 737.1  | 714.4  |
| 100°   | 1342.7 | 1289.1 | 1208.1 | 1112.8 | 1045.9 | 1013.1 | 1004.4 |
| 102.5° | 1423.3 | 1438.9 | 1405.1 | 1346.7 | 1298.3 | 1263.7 | 1256.7 |
| 105°   | 1416.2 | 1524.6 | 1569.4 | 1571.7 | 1562.9 | 1547.6 | 1541.0 |
| 107.5° | 1303.3 | 1456.0 | 1553.7 | 1607.8 | 1632.8 | 1643.7 | 1646.6 |
| 110°   | 1215.7 | 1374.5 | 1495.0 | 1572.7 | 1618.7 | 1638.5 | 1648.3 |



TEST NUMBER: P332891-830

CATALOG NUMBER: SA4XXRDIP-C350D1205U830-4F0-1E-UDD-A4

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1138.6 | 1288.6 | 1409.1 | 1497.4 | 1553.0 | 1580.6 | 1596.7 |
| 115°   | 1050.4 | 1178.5 | 1283.6 | 1370.2 | 1435.9 | 1470.9 | 1479.7 |
| 117.5° | 999.9  | 1100.7 | 1189.9 | 1263.7 | 1318.9 | 1354.3 | 1361.1 |
| 120°   | 978.1  | 1065.6 | 1143.4 | 1205.9 | 1254.1 | 1282.5 | 1294.6 |
| 122.5° | 964.0  | 1043.8 | 1111.9 | 1164.7 | 1205.9 | 1229.9 | 1242.0 |
| 125°   | 941.9  | 1017.5 | 1077.7 | 1121.5 | 1153.3 | 1174.1 | 1180.6 |
| 127.5° | 915.9  | 991.2  | 1048.4 | 1092.4 | 1120.7 | 1138.2 | 1144.7 |
| 130°   | 894.8  | 969.3  | 1027.4 | 1072.2 | 1099.6 | 1117.1 | 1123.7 |
| 132.5° | 871.2  | 943.9  | 1001.9 | 1045.9 | 1076.9 | 1093.4 | 1100.0 |
| 135°   | 835.7  | 902.5  | 957.2  | 1001.1 | 1031.7 | 1049.2 | 1055.8 |
| 137.5° | 801.7  | 858.0  | 907.5  | 948.5  | 978.7  | 993.2  | 1001.1 |
| 140°   | 779.8  | 829.1  | 875.1  | 913.4  | 937.5  | 952.8  | 961.6  |
| 142.5° | 761.4  | 803.7  | 843.6  | 877.5  | 899.8  | 913.4  | 919.5  |
| 145°   | 736.0  | 768.8  | 799.6  | 826.9  | 845.6  | 856.5  | 862.0  |
| 147.5° | 714.1  | 740.4  | 764.5  | 784.7  | 800.6  | 809.0  | 810.9  |
| 150°   | 701.0  | 722.8  | 742.5  | 760.1  | 774.3  | 780.9  | 782.0  |
| 152.5° | 687.8  | 707.9  | 724.2  | 739.0  | 750.6  | 754.6  | 755.7  |
| 155°   | 669.2  | 685.6  | 698.8  | 709.7  | 718.5  | 721.8  | 721.8  |
| 157.5° | 650.8  | 664.6  | 675.1  | 683.4  | 690.0  | 692.0  | 692.0  |
| 160°   | 638.5  | 650.5  | 659.3  | 665.9  | 672.5  | 673.5  | 673.5  |
| 162.5° | 627.2  | 636.6  | 644.4  | 649.2  | 655.8  | 657.0  | 656.0  |
| 165°   | 610.0  | 617.7  | 623.2  | 627.5  | 632.0  | 630.8  | 629.8  |
| 167.5° | 595.6  | 601.7  | 605.0  | 607.2  | 610.0  | 609.8  | 609.0  |
| 170°   | 586.0  | 590.3  | 593.6  | 595.8  | 596.9  | 595.8  | 595.8  |
| 172.5° | 578.1  | 580.7  | 583.1  | 584.4  | 585.5  | 584.4  | 582.7  |
| 175°   | 567.3  | 569.5  | 569.5  | 569.5  | 571.7  | 569.5  | 567.3  |
| 177.5° | 561.0  | 561.0  | 561.8  | 561.0  | 561.8  | 560.1  | 558.4  |
| 180°   | 557.5  | 557.5  | 557.5  | 557.5  | 557.5  | 557.5  | 557.5  |

(END OF REPORT)