

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: P331669-840

Luminaire Tested: **SA2XXRDIP-C485D1080U840-4F0-1E-UDD-A**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P331669-840  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,  
Test Lab: INNOVATION CENTER  
Issue Date: 10/7/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: SA2XXRDIP-C485D1080U840-4F0-1E-UDD-A  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 485 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1080 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

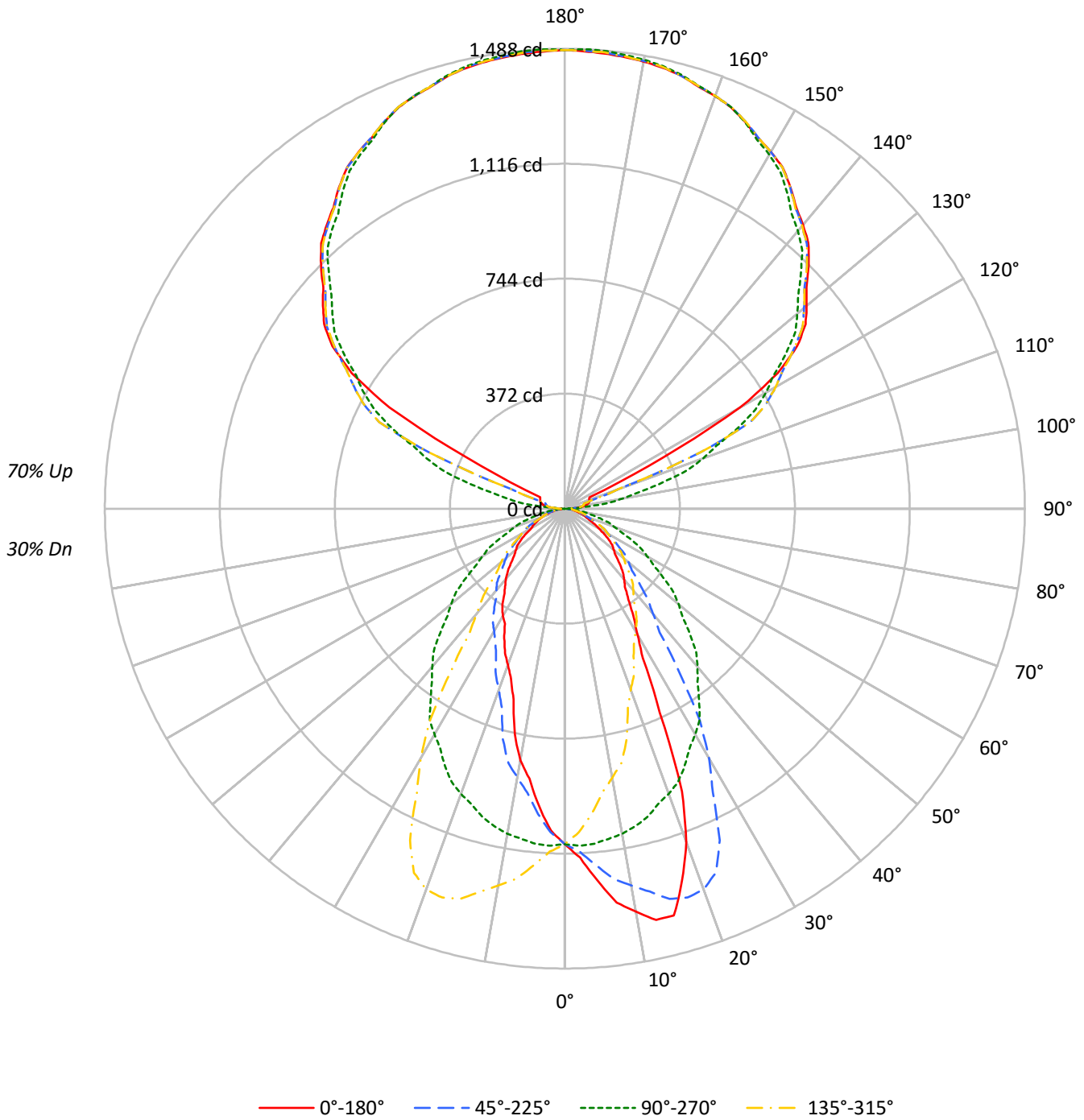
Lumens per Lamp: N/A  
Luminaire Lumens: 6227.2 lumens  
Efficiency: N/A  
Efficacy: 126.1 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Indirect

Input Watts (W): 49.4  
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: P331669-840  
CATALOG NUMBER: SA2XXRDIP-C485D1080U840-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P331669-840

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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 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 102 | 102 | 102 | 102 | 92 | 92 | 92 | 92 | 72 | 72 | 72 | 54 | 54 | 54 | 38 | 38 | 38 | 30 |
| 1   | 94  | 90  | 86  | 83  | 84 | 81 | 78 | 75 | 64 | 62 | 60 | 48 | 47 | 46 | 34 | 33 | 33 | 26 |
| 2   | 86  | 79  | 73  | 68  | 77 | 71 | 66 | 62 | 57 | 53 | 50 | 43 | 41 | 39 | 31 | 29 | 28 | 23 |
| 3   | 79  | 70  | 63  | 58  | 70 | 63 | 57 | 53 | 50 | 46 | 43 | 39 | 36 | 34 | 28 | 26 | 25 | 20 |
| 4   | 72  | 62  | 55  | 49  | 65 | 56 | 50 | 45 | 45 | 41 | 37 | 35 | 32 | 29 | 25 | 23 | 22 | 18 |
| 5   | 66  | 55  | 48  | 42  | 59 | 50 | 44 | 39 | 40 | 36 | 32 | 31 | 28 | 26 | 23 | 21 | 19 | 16 |
| 6   | 61  | 50  | 42  | 37  | 55 | 45 | 39 | 34 | 37 | 32 | 28 | 28 | 25 | 23 | 21 | 19 | 17 | 14 |
| 7   | 57  | 45  | 38  | 32  | 51 | 41 | 34 | 30 | 33 | 29 | 25 | 26 | 23 | 20 | 19 | 17 | 16 | 13 |
| 8   | 52  | 41  | 34  | 29  | 47 | 37 | 31 | 27 | 30 | 26 | 22 | 24 | 21 | 18 | 18 | 16 | 14 | 12 |
| 9   | 49  | 37  | 30  | 26  | 44 | 34 | 28 | 24 | 28 | 23 | 20 | 22 | 19 | 16 | 17 | 14 | 13 | 11 |
| 10  | 46  | 34  | 27  | 23  | 41 | 31 | 25 | 21 | 26 | 21 | 18 | 20 | 17 | 15 | 15 | 13 | 12 | 10 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 17525 | 17525 | 17525 | 17525 |
| 5°  | 19571 | 17634 | 15635 | 17634 |
| 10° | 21713 | 17510 | 13554 | 17510 |
| 15° | 22781 | 17254 | 10678 | 17254 |
| 20° | 19749 | 16873 | 9241  | 16873 |
| 25° | 12953 | 16352 | 8250  | 16352 |
| 30° | 8720  | 15720 | 7467  | 15720 |
| 35° | 7062  | 14927 | 6733  | 14927 |
| 40° | 6279  | 14060 | 6232  | 14060 |
| 45° | 5683  | 13047 | 5562  | 13047 |
| 50° | 5172  | 12039 | 5152  | 12039 |
| 55° | 4861  | 10925 | 4799  | 10925 |
| 60° | 4066  | 9901  | 4017  | 9901  |
| 65° | 3431  | 8989  | 3889  | 8989  |
| 70° | 3172  | 8030  | 3668  | 8030  |
| 75° | 2969  | 6987  | 3387  | 6987  |
| 80° | 2734  | 5746  | 3013  | 5746  |
| 85° | 2501  | 4539  | 2649  | 4539  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 102.9  | 1.7       |
| 10°-20°   | 286.7  | 4.6       |
| 20°-30°   | 369.4  | 5.9       |
| 30°-40°   | 351.1  | 5.6       |
| 40°-50°   | 300.7  | 4.8       |
| 50°-60°   | 229.0  | 3.7       |
| 60°-70°   | 144.8  | 2.3       |
| 70°-80°   | 72.3   | 1.2       |
| 80°-90°   | 22.5   | 0.4       |
| 90°-100°  | 49.5   | 0.8       |
| 100°-110° | 181.5  | 2.9       |
| 110°-120° | 485.1  | 7.8       |
| 120°-130° | 800.8  | 12.9      |
| 130°-140° | 851.6  | 13.7      |
| 140°-150° | 791.6  | 12.7      |
| 150°-160° | 636.4  | 10.2      |
| 160°-170° | 410.1  | 6.6       |
| 170°-180° | 141.2  | 2.3       |
| 0°-30°    | 759.0  | 12.2      |
| 0°-40°    | 1110.1 | 17.8      |
| 0°-60°    | 1639.8 | 26.3      |
| 0°-90°    | 1879.4 | 30.2      |
| 90°-120°  | 716.1  | 11.5      |
| 90°-150°  | 3160.1 | 50.7      |
| 90°-180°  | 4348.0 | 69.8      |
| 0°-180°   | 6227.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1085 | 1085 | 1085 | 1085 | 1085 |      |
| 5°   | 1208 | 1088 | 965  | 1088 | 1208 | 119  |
| 15°  | 1363 | 1032 | 639  | 1032 | 1363 | 368  |
| 25°  | 727  | 918  | 463  | 918  | 727  | 345  |
| 35°  | 358  | 757  | 342  | 757  | 358  | 229  |
| 45°  | 249  | 571  | 244  | 571  | 249  | 193  |
| 55°  | 173  | 388  | 170  | 388  | 173  | 152  |
| 65°  | 90   | 235  | 102  | 235  | 90   | 91   |
| 75°  | 48   | 112  | 54   | 112  | 48   | 50   |
| 85°  | 14   | 24   | 14   | 24   | 14   | 15   |
| 90°  | 29   | 1    | 29   | 1    | 29   | 13   |
| 95°  | 46   | 70   | 46   | 70   | 46   | 43   |
| 105° | 82   | 326  | 82   | 326  | 82   | 85   |
| 115° | 88   | 617  | 88   | 617  | 88   | 220  |
| 125° | 918  | 873  | 918  | 873  | 918  | 794  |
| 135° | 1115 | 1080 | 1115 | 1080 | 1115 | 860  |
| 145° | 1272 | 1253 | 1272 | 1253 | 1272 | 796  |
| 155° | 1381 | 1380 | 1381 | 1380 | 1381 | 637  |
| 165° | 1450 | 1454 | 1450 | 1454 | 1450 | 409  |
| 175° | 1478 | 1487 | 1478 | 1487 | 1478 | 141  |
| 180° | 1484 | 1484 | 1484 | 1484 | 1484 |      |



TEST NUMBER: P331669-840

CATALOG NUMBER: SA2XXRDIP-C485D1080U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 |
| 2.5°   | 1129.4 | 1130.3 | 1131.3 | 1129.1 | 1129.1 | 1127.3 | 1123.4 | 1120.3 | 1111.9 | 1110.6 | 1110.6 |
| 5°     | 1207.5 | 1206.8 | 1208.3 | 1203.4 | 1196.6 | 1195.1 | 1187.9 | 1178.5 | 1168.7 | 1157.7 | 1155.5 |
| 7.5°   | 1285.3 | 1284.1 | 1281.1 | 1280.2 | 1275.1 | 1263.6 | 1252.1 | 1239.8 | 1223.6 | 1207.6 | 1199.6 |
| 10°    | 1324.4 | 1336.9 | 1329.4 | 1316.2 | 1318.8 | 1301.1 | 1291.6 | 1275.5 | 1261.8 | 1238.1 | 1232.8 |
| 12.5°  | 1363.0 | 1368.0 | 1365.5 | 1358.1 | 1354.7 | 1342.4 | 1329.7 | 1315.6 | 1290.5 | 1269.2 | 1250.6 |
| 15°    | 1362.9 | 1370.1 | 1372.0 | 1369.7 | 1371.6 | 1370.8 | 1364.0 | 1352.3 | 1330.5 | 1307.1 | 1286.8 |
| 17.5°  | 1262.3 | 1267.3 | 1279.6 | 1288.0 | 1298.6 | 1320.9 | 1331.9 | 1336.3 | 1332.9 | 1319.6 | 1305.3 |
| 20°    | 1149.4 | 1141.1 | 1175.9 | 1193.6 | 1208.7 | 1246.4 | 1278.8 | 1291.2 | 1311.2 | 1310.9 | 1307.1 |
| 22.5°  | 989.6  | 991.5  | 1024.4 | 1045.4 | 1089.5 | 1127.2 | 1164.2 | 1211.0 | 1249.7 | 1275.3 | 1290.2 |
| 25°    | 727.1  | 741.4  | 774.3  | 802.8  | 851.9  | 922.1  | 985.8  | 1059.8 | 1129.4 | 1184.6 | 1237.0 |
| 27.5°  | 546.0  | 547.1  | 573.1  | 599.7  | 628.7  | 686.2  | 766.5  | 854.7  | 954.2  | 1036.2 | 1130.6 |
| 30°    | 467.7  | 465.3  | 476.4  | 492.5  | 517.5  | 561.9  | 622.3  | 709.0  | 808.2  | 931.9  | 1042.0 |
| 32.5°  | 412.1  | 412.2  | 420.5  | 432.5  | 453.1  | 483.1  | 524.5  | 594.9  | 688.7  | 810.3  | 939.4  |
| 35°    | 358.3  | 357.9  | 364.0  | 372.6  | 381.2  | 400.5  | 428.8  | 465.7  | 530.3  | 643.8  | 775.8  |
| 37.5°  | 319.6  | 321.3  | 324.3  | 329.7  | 339.2  | 349.9  | 367.0  | 391.7  | 437.7  | 504.8  | 615.7  |
| 40°    | 297.9  | 298.7  | 302.9  | 307.4  | 313.1  | 321.3  | 335.3  | 355.3  | 388.8  | 442.3  | 523.4  |
| 42.5°  | 278.0  | 278.7  | 281.8  | 285.9  | 290.3  | 298.7  | 310.2  | 327.5  | 354.8  | 396.5  | 463.4  |
| 45°    | 248.9  | 248.9  | 251.6  | 253.4  | 258.3  | 265.9  | 275.3  | 289.6  | 308.5  | 339.4  | 384.0  |
| 47.5°  | 221.6  | 221.7  | 223.4  | 226.6  | 229.7  | 235.6  | 244.9  | 256.6  | 270.3  | 294.3  | 332.2  |
| 50°    | 205.9  | 206.3  | 207.4  | 210.1  | 212.0  | 217.2  | 224.4  | 234.6  | 248.9  | 267.4  | 299.0  |
| 52.5°  | 193.2  | 193.0  | 194.4  | 195.6  | 196.8  | 200.7  | 206.0  | 215.0  | 227.8  | 243.9  | 270.1  |
| 55°    | 172.7  | 171.2  | 173.5  | 175.3  | 176.5  | 178.0  | 181.0  | 186.7  | 197.6  | 211.2  | 230.8  |
| 57.5°  | 147.0  | 146.4  | 148.0  | 149.8  | 153.3  | 157.4  | 160.0  | 163.6  | 169.3  | 178.9  | 198.4  |
| 60°    | 125.9  | 125.9  | 129.4  | 130.5  | 134.6  | 139.9  | 145.2  | 148.2  | 153.9  | 160.3  | 174.6  |
| 62.5°  | 107.2  | 107.6  | 109.2  | 110.3  | 112.6  | 119.1  | 126.5  | 133.1  | 138.5  | 144.6  | 154.1  |
| 65°    | 89.8   | 90.5   | 90.5   | 91.3   | 92.8   | 94.3   | 97.3   | 102.6  | 112.0  | 120.7  | 127.8  |
| 67.5°  | 76.1   | 76.4   | 76.6   | 77.4   | 77.8   | 79.4   | 80.6   | 83.0   | 85.1   | 93.4   | 102.3  |
| 70°    | 67.2   | 68.3   | 67.9   | 68.7   | 69.0   | 69.8   | 71.3   | 72.4   | 75.8   | 77.7   | 83.0   |
| 72.5°  | 58.7   | 59.5   | 59.5   | 59.9   | 60.9   | 61.0   | 62.2   | 63.3   | 65.5   | 67.2   | 70.0   |
| 75°    | 47.6   | 47.2   | 47.6   | 48.3   | 48.7   | 49.0   | 49.0   | 50.5   | 51.7   | 53.2   | 55.0   |
| 77.5°  | 36.7   | 37.1   | 37.0   | 37.1   | 37.1   | 37.8   | 37.7   | 38.4   | 39.5   | 40.3   | 41.2   |
| 80°    | 29.4   | 29.8   | 29.4   | 29.8   | 30.2   | 30.5   | 30.2   | 30.5   | 31.7   | 32.4   | 32.4   |
| 82.5°  | 22.8   | 22.8   | 23.1   | 23.1   | 23.2   | 23.3   | 23.8   | 23.9   | 24.7   | 24.5   | 24.8   |
| 85°    | 13.5   | 13.2   | 13.2   | 13.2   | 13.5   | 13.9   | 13.5   | 13.5   | 13.9   | 13.9   | 13.9   |
| 87.5°  | 10.6   | 10.8   | 10.7   | 10.6   | 10.5   | 10.4   | 10.1   | 10.2   | 9.7    | 9.7    | 9.1    |
| 90°    | 29.0   | 28.5   | 28.1   | 27.6   | 27.1   | 26.3   | 25.0   | 23.8   | 22.6   | 21.5   | 19.6   |
| 92.5°  | 29.0   | 28.7   | 28.4   | 28.2   | 27.9   | 27.4   | 26.8   | 26.2   | 25.5   | 24.9   | 23.9   |
| 95°    | 46.2   | 46.4   | 46.7   | 46.9   | 47.2   | 46.7   | 45.4   | 44.2   | 43.0   | 41.9   | 40.2   |
| 97.5°  | 61.6   | 61.3   | 61.1   | 60.8   | 60.5   | 59.9   | 58.9   | 58.0   | 57.0   | 56.0   | 52.2   |
| 100°   | 71.9   | 71.5   | 71.0   | 70.5   | 70.0   | 68.9   | 67.0   | 65.0   | 63.1   | 61.2   | 57.2   |
| 102.5° | 77.1   | 76.4   | 75.7   | 75.0   | 74.4   | 72.8   | 70.4   | 67.9   | 65.4   | 62.9   | 96.8   |
| 105°   | 81.6   | 80.6   | 79.7   | 78.8   | 77.8   | 75.9   | 73.3   | 70.7   | 68.1   | 65.4   | 130.6  |
| 107.5° | 83.9   | 83.0   | 82.0   | 81.1   | 80.2   | 81.0   | 83.6   | 86.3   | 89.0   | 91.7   | 169.8  |
| 110°   | 84.8   | 83.8   | 82.9   | 81.9   | 81.0   | 92.4   | 116.3  | 140.2  | 164.0  | 187.8  | 256.8  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 85.6   | 84.9   | 84.1   | 83.4   | 82.6   | 125.7  | 212.8  | 299.8  | 386.9  | 473.8  | 490.9  |
| 115°   | 88.1   | 105.2  | 122.4  | 139.6  | 156.7  | 220.6  | 331.0  | 441.4  | 551.9  | 662.4  | 656.4  |
| 117.5° | 359.4  | 415.9  | 472.3  | 528.8  | 585.2  | 626.8  | 653.5  | 680.2  | 706.9  | 733.7  | 729.5  |
| 120°   | 654.9  | 687.0  | 719.2  | 751.4  | 783.7  | 798.4  | 795.5  | 792.6  | 789.7  | 786.9  | 782.6  |
| 122.5° | 817.2  | 823.4  | 829.7  | 836.0  | 842.1  | 844.4  | 842.7  | 841.0  | 839.3  | 837.6  | 832.9  |
| 125°   | 917.9  | 917.2  | 916.5  | 915.7  | 915.0  | 913.8  | 912.1  | 910.5  | 908.8  | 907.2  | 902.6  |
| 127.5° | 981.4  | 981.3  | 981.2  | 981.0  | 980.9  | 979.6  | 977.1  | 974.7  | 972.3  | 969.9  | 966.4  |
| 130°   | 1021.0 | 1021.2 | 1021.4 | 1021.7 | 1021.9 | 1020.7 | 1018.0 | 1015.4 | 1012.8 | 1010.2 | 1007.5 |
| 132.5° | 1059.6 | 1059.9 | 1060.1 | 1060.3 | 1060.6 | 1059.6 | 1057.3 | 1055.0 | 1052.8 | 1050.6 | 1047.9 |
| 135°   | 1115.4 | 1115.9 | 1116.3 | 1116.8 | 1117.3 | 1116.3 | 1114.0 | 1111.6 | 1109.2 | 1106.8 | 1104.7 |
| 137.5° | 1166.3 | 1167.1 | 1167.9 | 1168.7 | 1169.5 | 1168.7 | 1166.4 | 1164.1 | 1161.7 | 1159.4 | 1157.0 |
| 140°   | 1198.1 | 1199.2 | 1200.4 | 1201.6 | 1202.9 | 1202.3 | 1200.2 | 1198.1 | 1195.9 | 1193.8 | 1191.1 |
| 142.5° | 1229.0 | 1230.2 | 1231.3 | 1232.5 | 1233.8 | 1233.3 | 1231.4 | 1229.4 | 1227.5 | 1225.6 | 1222.5 |
| 145°   | 1272.1 | 1273.3 | 1274.6 | 1275.8 | 1276.9 | 1276.7 | 1275.0 | 1273.3 | 1271.6 | 1270.0 | 1266.0 |
| 147.5° | 1310.1 | 1311.1 | 1312.1 | 1313.1 | 1314.1 | 1314.0 | 1312.8 | 1311.5 | 1310.3 | 1309.1 | 1305.0 |
| 150°   | 1333.3 | 1334.5 | 1335.7 | 1336.9 | 1338.1 | 1338.0 | 1336.6 | 1335.1 | 1333.7 | 1332.2 | 1328.5 |
| 152.5° | 1353.1 | 1354.6 | 1356.2 | 1357.8 | 1359.4 | 1359.5 | 1358.1 | 1356.6 | 1355.1 | 1353.7 | 1350.1 |
| 155°   | 1380.6 | 1382.5 | 1384.4 | 1386.2 | 1388.2 | 1388.5 | 1387.0 | 1385.5 | 1384.1 | 1382.7 | 1379.9 |
| 157.5° | 1405.6 | 1407.5 | 1409.4 | 1411.3 | 1413.1 | 1413.2 | 1411.6 | 1410.0 | 1408.4 | 1406.7 | 1404.7 |
| 160°   | 1420.3 | 1422.0 | 1423.6 | 1425.3 | 1426.9 | 1427.0 | 1425.6 | 1424.2 | 1422.8 | 1421.4 | 1420.0 |
| 162.5° | 1432.3 | 1434.3 | 1436.4 | 1438.5 | 1440.5 | 1440.8 | 1439.1 | 1437.4 | 1435.8 | 1434.2 | 1433.0 |
| 165°   | 1450.4 | 1452.0 | 1453.7 | 1455.3 | 1457.0 | 1457.0 | 1455.3 | 1453.7 | 1452.0 | 1450.4 | 1449.7 |
| 167.5° | 1461.7 | 1463.9 | 1466.0 | 1468.1 | 1470.3 | 1470.6 | 1468.8 | 1467.2 | 1465.5 | 1463.9 | 1463.2 |
| 170°   | 1468.5 | 1470.8 | 1472.9 | 1475.0 | 1477.1 | 1477.4 | 1475.7 | 1474.1 | 1472.4 | 1470.8 | 1470.3 |
| 172.5° | 1473.7 | 1475.9 | 1478.0 | 1480.2 | 1482.4 | 1482.6 | 1480.9 | 1479.3 | 1477.5 | 1475.9 | 1475.4 |
| 175°   | 1478.2 | 1480.7 | 1483.0 | 1485.4 | 1487.8 | 1488.1 | 1486.5 | 1484.8 | 1483.2 | 1481.5 | 1481.0 |
| 177.5° | 1481.1 | 1482.8 | 1484.5 | 1486.2 | 1487.9 | 1488.1 | 1486.7 | 1485.4 | 1484.1 | 1482.8 | 1482.6 |
| 180°   | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 |



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CATALOG NUMBER: SA2XXRDIP-C485D1080U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 |
| 2.5°   | 1111.3 | 1108.9 | 1106.8 | 1101.4 | 1098.6 | 1092.6 | 1091.7 | 1091.4 | 1083.6 | 1076.0 | 1073.9 |
| 5°     | 1149.4 | 1143.5 | 1134.4 | 1123.8 | 1112.9 | 1101.6 | 1094.0 | 1088.0 | 1072.9 | 1058.5 | 1050.3 |
| 7.5°   | 1187.9 | 1175.0 | 1159.3 | 1139.3 | 1122.7 | 1104.0 | 1090.1 | 1077.6 | 1056.2 | 1035.7 | 1021.9 |
| 10°    | 1216.6 | 1195.5 | 1174.8 | 1147.2 | 1125.7 | 1104.6 | 1085.0 | 1068.0 | 1043.9 | 1016.7 | 997.4  |
| 12.5°  | 1234.4 | 1211.1 | 1182.6 | 1155.7 | 1127.8 | 1101.0 | 1074.7 | 1052.9 | 1024.6 | 996.5  | 973.6  |
| 15°    | 1258.5 | 1233.6 | 1198.9 | 1160.4 | 1124.6 | 1089.5 | 1059.3 | 1032.2 | 995.2  | 961.7  | 933.7  |
| 17.5°  | 1278.2 | 1243.9 | 1206.6 | 1162.2 | 1120.6 | 1076.1 | 1037.2 | 1002.5 | 961.4  | 920.9  | 888.1  |
| 20°    | 1284.4 | 1250.5 | 1207.5 | 1163.1 | 1114.0 | 1061.6 | 1019.8 | 982.0  | 937.9  | 893.7  | 856.1  |
| 22.5°  | 1280.5 | 1254.2 | 1206.3 | 1153.1 | 1102.9 | 1048.0 | 1000.8 | 956.9  | 908.1  | 863.0  | 819.3  |
| 25°    | 1253.9 | 1244.9 | 1199.6 | 1141.6 | 1084.2 | 1020.5 | 965.8  | 917.9  | 862.1  | 813.9  | 766.3  |
| 27.5°  | 1191.8 | 1211.4 | 1183.4 | 1121.5 | 1057.7 | 989.4  | 928.0  | 873.4  | 815.5  | 761.1  | 713.8  |
| 30°    | 1132.2 | 1177.0 | 1164.9 | 1107.6 | 1036.3 | 969.2  | 900.2  | 843.2  | 781.4  | 725.6  | 678.8  |
| 32.5°  | 1050.4 | 1124.5 | 1136.3 | 1088.3 | 1014.6 | 940.8  | 868.5  | 811.8  | 747.3  | 688.4  | 642.9  |
| 35°    | 920.2  | 1031.1 | 1082.0 | 1051.4 | 977.4  | 898.0  | 823.2  | 757.3  | 692.4  | 634.3  | 589.1  |
| 37.5°  | 764.9  | 915.8  | 1000.8 | 1002.9 | 935.0  | 852.3  | 771.0  | 705.5  | 639.0  | 582.1  | 533.1  |
| 40°    | 664.1  | 827.8  | 938.3  | 962.8  | 905.4  | 816.1  | 733.9  | 667.1  | 602.3  | 546.4  | 490.3  |
| 42.5°  | 573.6  | 736.7  | 872.5  | 915.1  | 869.6  | 780.8  | 698.3  | 628.5  | 565.4  | 512.6  | 455.2  |
| 45°    | 463.8  | 606.4  | 756.1  | 832.3  | 807.1  | 724.8  | 637.7  | 571.4  | 512.1  | 466.5  | 411.4  |
| 47.5°  | 391.3  | 491.8  | 636.6  | 739.7  | 739.2  | 664.2  | 578.6  | 514.9  | 460.0  | 417.3  | 372.6  |
| 50°    | 349.9  | 437.5  | 560.1  | 676.9  | 686.7  | 623.8  | 542.3  | 479.3  | 428.1  | 383.1  | 347.3  |
| 52.5°  | 312.9  | 385.0  | 495.1  | 607.2  | 635.1  | 580.6  | 501.6  | 443.4  | 393.6  | 352.3  | 321.6  |
| 55°    | 264.4  | 320.1  | 403.9  | 508.8  | 551.0  | 512.5  | 442.3  | 388.1  | 347.7  | 313.1  | 286.6  |
| 57.5°  | 223.6  | 265.5  | 332.6  | 417.1  | 466.3  | 442.0  | 384.3  | 340.1  | 305.6  | 274.2  | 253.4  |
| 60°    | 198.0  | 232.3  | 289.2  | 359.8  | 414.0  | 397.1  | 347.7  | 306.6  | 277.2  | 250.0  | 230.5  |
| 62.5°  | 173.9  | 203.4  | 252.2  | 309.4  | 359.2  | 352.1  | 311.8  | 277.3  | 251.6  | 226.8  | 210.3  |
| 65°    | 139.9  | 161.4  | 199.4  | 244.4  | 284.4  | 287.7  | 258.7  | 235.3  | 212.3  | 192.7  | 178.0  |
| 67.5°  | 111.4  | 125.4  | 152.3  | 190.1  | 220.0  | 230.8  | 213.0  | 195.1  | 176.8  | 161.7  | 149.0  |
| 70°    | 93.9   | 105.2  | 124.8  | 155.4  | 182.9  | 194.2  | 184.0  | 170.1  | 154.2  | 141.8  | 130.9  |
| 72.5°  | 76.1   | 87.2   | 101.6  | 124.0  | 147.6  | 159.9  | 156.3  | 146.2  | 133.4  | 123.1  | 112.8  |
| 75°    | 57.4   | 60.7   | 70.5   | 85.6   | 104.1  | 114.6  | 117.2  | 112.0  | 101.8  | 93.9   | 87.9   |
| 77.5°  | 42.4   | 44.4   | 49.1   | 57.1   | 69.1   | 78.5   | 82.4   | 81.8   | 74.7   | 70.2   | 64.5   |
| 80°    | 33.9   | 35.0   | 37.4   | 40.7   | 49.8   | 59.2   | 61.8   | 61.8   | 57.0   | 55.0   | 49.4   |
| 82.5°  | 25.8   | 26.7   | 28.0   | 29.9   | 34.1   | 42.3   | 45.2   | 45.8   | 42.7   | 40.3   | 35.9   |
| 85°    | 14.7   | 14.3   | 15.0   | 16.3   | 17.0   | 19.2   | 23.7   | 24.5   | 23.7   | 20.7   | 19.6   |
| 87.5°  | 8.7    | 8.6    | 8.2    | 7.5    | 7.2    | 7.0    | 8.0    | 9.0    | 8.3    | 7.9    | 7.8    |
| 90°    | 17.7   | 15.8   | 13.8   | 11.6   | 9.0    | 6.4    | 3.7    | 1.1    | 3.7    | 6.4    | 9.0    |
| 92.5°  | 23.0   | 22.0   | 21.1   | 20.7   | 21.0   | 21.2   | 21.4   | 21.7   | 21.4   | 21.2   | 21.0   |
| 95°    | 38.6   | 36.9   | 35.1   | 38.3   | 46.2   | 54.0   | 61.9   | 69.8   | 61.9   | 54.0   | 46.2   |
| 97.5°  | 48.3   | 44.4   | 40.6   | 49.8   | 71.9   | 94.1   | 116.3  | 138.5  | 116.3  | 94.1   | 71.9   |
| 100°   | 53.1   | 49.0   | 44.9   | 59.3   | 92.0   | 124.6  | 157.3  | 190.1  | 157.3  | 124.6  | 92.0   |
| 102.5° | 130.8  | 164.7  | 198.6  | 219.0  | 225.9  | 232.9  | 239.7  | 246.7  | 239.7  | 232.9  | 225.9  |
| 105°   | 195.7  | 260.8  | 326.0  | 355.0  | 347.8  | 340.6  | 333.6  | 326.4  | 333.6  | 340.6  | 347.8  |
| 107.5° | 247.9  | 326.0  | 404.1  | 440.3  | 434.4  | 428.7  | 422.9  | 417.2  | 422.9  | 428.7  | 434.4  |
| 110°   | 325.8  | 394.7  | 463.6  | 495.6  | 490.6  | 485.6  | 480.6  | 475.5  | 480.6  | 485.6  | 490.6  |





TEST NUMBER: P331669-840

CATALOG NUMBER: SA2XXRDIP-C485D1080U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 508.0  | 524.9  | 542.0  | 548.3  | 543.8  | 539.4  | 535.0  | 530.6  | 535.0  | 539.4  | 543.8  |
| 115°   | 650.5  | 644.5  | 638.5  | 633.5  | 629.4  | 625.4  | 621.4  | 617.3  | 621.4  | 625.4  | 629.4  |
| 117.5° | 725.5  | 721.3  | 717.2  | 713.0  | 708.4  | 703.9  | 699.3  | 694.8  | 699.3  | 703.9  | 708.4  |
| 120°   | 778.3  | 774.1  | 769.7  | 765.8  | 762.2  | 758.6  | 755.1  | 751.4  | 755.1  | 758.6  | 762.2  |
| 122.5° | 828.2  | 823.5  | 818.9  | 814.7  | 810.9  | 807.1  | 803.3  | 799.6  | 803.3  | 807.1  | 810.9  |
| 125°   | 898.1  | 893.5  | 889.0  | 885.1  | 882.1  | 879.0  | 875.9  | 872.8  | 875.9  | 879.0  | 882.1  |
| 127.5° | 963.0  | 959.7  | 956.2  | 952.9  | 949.5  | 946.0  | 942.6  | 939.2  | 942.6  | 946.0  | 949.5  |
| 130°   | 1004.9 | 1002.3 | 999.7  | 996.4  | 992.7  | 988.9  | 985.0  | 981.2  | 985.0  | 988.9  | 992.7  |
| 132.5° | 1045.3 | 1042.7 | 1040.1 | 1037.1 | 1033.9 | 1030.7 | 1027.4 | 1024.1 | 1027.4 | 1030.7 | 1033.9 |
| 135°   | 1102.5 | 1100.3 | 1098.2 | 1095.2 | 1091.5 | 1087.6 | 1083.8 | 1079.9 | 1083.8 | 1087.6 | 1091.5 |
| 137.5° | 1154.6 | 1152.2 | 1149.6 | 1147.1 | 1144.5 | 1141.8 | 1139.1 | 1136.4 | 1139.1 | 1141.8 | 1144.5 |
| 140°   | 1188.5 | 1185.9 | 1183.3 | 1181.0 | 1179.1 | 1177.2 | 1175.3 | 1173.4 | 1175.3 | 1177.2 | 1179.1 |
| 142.5° | 1219.5 | 1216.5 | 1213.6 | 1211.1 | 1209.4 | 1207.7 | 1206.0 | 1204.3 | 1206.0 | 1207.7 | 1209.4 |
| 145°   | 1261.8 | 1257.8 | 1253.7 | 1251.8 | 1252.1 | 1252.3 | 1252.5 | 1252.8 | 1252.5 | 1252.3 | 1252.1 |
| 147.5° | 1301.0 | 1297.1 | 1293.0 | 1291.5 | 1292.4 | 1293.3 | 1294.2 | 1295.2 | 1294.2 | 1293.3 | 1292.4 |
| 150°   | 1324.6 | 1320.8 | 1317.0 | 1316.0 | 1317.6 | 1319.3 | 1320.9 | 1322.6 | 1320.9 | 1319.3 | 1317.6 |
| 152.5° | 1346.5 | 1342.8 | 1339.2 | 1338.4 | 1340.2 | 1342.0 | 1343.9 | 1345.7 | 1343.9 | 1342.0 | 1340.2 |
| 155°   | 1377.0 | 1374.1 | 1371.3 | 1370.9 | 1373.0 | 1375.2 | 1377.4 | 1379.5 | 1377.4 | 1375.2 | 1373.0 |
| 157.5° | 1402.7 | 1400.8 | 1398.8 | 1398.7 | 1400.5 | 1402.3 | 1404.1 | 1405.9 | 1404.1 | 1402.3 | 1400.5 |
| 160°   | 1418.5 | 1417.0 | 1415.6 | 1415.6 | 1417.0 | 1418.5 | 1420.0 | 1421.4 | 1420.0 | 1418.5 | 1417.0 |
| 162.5° | 1431.8 | 1430.5 | 1429.3 | 1429.4 | 1430.8 | 1432.2 | 1433.7 | 1435.1 | 1433.7 | 1432.2 | 1430.8 |
| 165°   | 1449.0 | 1448.1 | 1447.4 | 1447.8 | 1449.3 | 1450.7 | 1452.1 | 1453.6 | 1452.1 | 1450.7 | 1449.3 |
| 167.5° | 1462.5 | 1461.9 | 1461.2 | 1461.6 | 1463.0 | 1464.4 | 1465.9 | 1467.3 | 1465.9 | 1464.4 | 1463.0 |
| 170°   | 1469.8 | 1469.4 | 1468.8 | 1469.4 | 1470.8 | 1472.2 | 1473.6 | 1475.0 | 1473.6 | 1472.2 | 1470.8 |
| 172.5° | 1474.9 | 1474.5 | 1474.0 | 1474.5 | 1475.9 | 1477.3 | 1478.7 | 1480.2 | 1478.7 | 1477.3 | 1475.9 |
| 175°   | 1480.6 | 1480.1 | 1479.6 | 1480.2 | 1481.9 | 1483.5 | 1485.2 | 1486.8 | 1485.2 | 1483.5 | 1481.9 |
| 177.5° | 1482.4 | 1482.2 | 1482.0 | 1482.6 | 1483.9 | 1485.2 | 1486.6 | 1487.9 | 1486.6 | 1485.2 | 1483.9 |
| 180°   | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 |



TEST NUMBER: P331669-840

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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 |
| 2.5°   | 1070.0 | 1067.8 | 1063.9 | 1057.9 | 1054.3 | 1047.9 | 1043.7 | 1046.1 | 1046.7 | 1046.1 | 1045.5 |
| 5°     | 1041.3 | 1033.3 | 1022.4 | 1011.8 | 1002.0 | 991.5  | 985.4  | 982.8  | 977.4  | 974.5  | 973.0  |
| 7.5°   | 1006.4 | 992.8  | 977.3  | 959.0  | 943.3  | 927.0  | 918.6  | 914.4  | 903.6  | 897.8  | 892.6  |
| 10°    | 980.5  | 959.0  | 943.5  | 919.4  | 904.7  | 883.2  | 868.5  | 868.9  | 854.1  | 845.9  | 839.8  |
| 12.5°  | 951.9  | 928.3  | 902.5  | 880.8  | 860.4  | 843.1  | 825.4  | 818.2  | 802.5  | 794.6  | 778.3  |
| 15°    | 904.3  | 876.8  | 849.7  | 820.2  | 799.5  | 772.7  | 747.1  | 715.8  | 690.5  | 668.6  | 662.6  |
| 17.5°  | 852.4  | 818.4  | 791.1  | 756.6  | 721.0  | 676.0  | 646.3  | 628.1  | 612.9  | 601.4  | 592.8  |
| 20°    | 816.9  | 782.1  | 753.2  | 701.0  | 653.2  | 622.6  | 600.8  | 586.8  | 571.0  | 558.6  | 551.7  |
| 22.5°  | 779.4  | 743.3  | 703.7  | 645.5  | 608.2  | 583.7  | 564.2  | 548.2  | 537.5  | 527.8  | 521.6  |
| 25°    | 726.3  | 686.7  | 621.5  | 581.5  | 551.4  | 525.7  | 512.1  | 502.3  | 491.0  | 477.8  | 471.8  |
| 27.5°  | 670.2  | 607.2  | 560.4  | 530.7  | 501.9  | 485.2  | 473.0  | 458.4  | 448.3  | 442.3  | 436.1  |
| 30°    | 628.2  | 565.3  | 528.8  | 496.2  | 475.9  | 457.5  | 443.1  | 434.8  | 425.1  | 414.9  | 410.7  |
| 32.5°  | 581.5  | 531.2  | 496.1  | 469.2  | 448.5  | 432.7  | 421.4  | 408.0  | 400.9  | 394.7  | 386.0  |
| 35°    | 523.4  | 485.3  | 453.3  | 431.4  | 411.8  | 399.0  | 385.8  | 377.9  | 365.1  | 359.8  | 356.4  |
| 37.5°  | 474.2  | 441.2  | 417.3  | 394.3  | 378.7  | 364.6  | 356.5  | 343.9  | 338.3  | 330.9  | 323.8  |
| 40°    | 446.5  | 414.0  | 391.1  | 372.2  | 354.9  | 344.3  | 334.2  | 324.0  | 315.7  | 312.3  | 303.6  |
| 42.5°  | 418.2  | 391.7  | 368.7  | 348.1  | 336.5  | 325.3  | 312.5  | 305.0  | 296.3  | 290.8  | 285.5  |
| 45°    | 379.0  | 355.7  | 336.0  | 319.0  | 306.2  | 294.6  | 286.2  | 273.8  | 268.9  | 257.9  | 253.4  |
| 47.5°  | 344.6  | 322.9  | 304.2  | 288.0  | 275.5  | 267.9  | 255.8  | 246.0  | 238.2  | 231.5  | 225.7  |
| 50°    | 320.1  | 302.1  | 284.0  | 269.6  | 258.3  | 247.4  | 235.0  | 230.0  | 217.9  | 214.6  | 211.2  |
| 52.5°  | 297.8  | 280.6  | 264.1  | 250.0  | 238.7  | 228.1  | 217.1  | 210.8  | 202.6  | 199.1  | 196.7  |
| 55°    | 266.6  | 250.0  | 234.2  | 221.8  | 210.5  | 199.4  | 192.7  | 184.8  | 181.0  | 178.3  | 175.3  |
| 57.5°  | 235.2  | 220.4  | 208.1  | 195.6  | 184.2  | 175.5  | 167.6  | 162.9  | 159.0  | 155.5  | 151.9  |
| 60°    | 215.3  | 201.0  | 190.1  | 178.3  | 166.7  | 159.6  | 153.5  | 147.8  | 143.3  | 138.0  | 136.5  |
| 62.5°  | 194.2  | 181.7  | 171.7  | 160.3  | 150.1  | 143.5  | 137.8  | 132.5  | 127.0  | 119.4  | 117.2  |
| 65°    | 165.2  | 155.4  | 144.8  | 135.4  | 126.3  | 120.0  | 111.6  | 105.6  | 103.3  | 102.6  | 102.2  |
| 67.5°  | 139.0  | 129.7  | 120.6  | 111.0  | 102.7  | 96.7   | 92.5   | 91.6   | 90.1   | 89.6   | 88.6   |
| 70°    | 121.4  | 112.8  | 103.7  | 94.6   | 86.7   | 85.6   | 84.1   | 82.6   | 80.7   | 80.0   | 79.2   |
| 72.5°  | 105.7  | 96.7   | 87.8   | 80.5   | 77.1   | 75.6   | 74.1   | 72.6   | 71.4   | 70.6   | 70.2   |
| 75°    | 81.1   | 72.8   | 66.8   | 64.1   | 62.2   | 61.1   | 58.9   | 57.7   | 57.0   | 55.8   | 55.4   |
| 77.5°  | 58.4   | 53.7   | 50.9   | 49.3   | 47.3   | 46.0   | 44.8   | 43.6   | 42.8   | 42.6   | 42.0   |
| 80°    | 44.5   | 42.2   | 40.4   | 38.1   | 37.4   | 35.9   | 35.4   | 34.3   | 34.7   | 33.5   | 33.5   |
| 82.5°  | 34.5   | 31.7   | 30.1   | 29.1   | 28.3   | 27.1   | 26.7   | 26.2   | 26.3   | 25.4   | 25.4   |
| 85°    | 17.8   | 17.0   | 16.3   | 15.5   | 15.5   | 14.3   | 14.7   | 14.3   | 14.3   | 13.5   | 13.2   |
| 87.5°  | 8.1    | 8.2    | 8.0    | 8.4    | 8.8    | 8.8    | 9.1    | 9.0    | 9.2    | 9.5    | 9.3    |
| 90°    | 11.6   | 13.8   | 15.8   | 17.7   | 19.6   | 21.5   | 22.6   | 23.8   | 25.0   | 26.3   | 27.1   |
| 92.5°  | 20.7   | 21.1   | 22.0   | 23.0   | 23.9   | 24.9   | 25.5   | 26.2   | 26.8   | 27.4   | 27.9   |
| 95°    | 38.3   | 35.1   | 36.9   | 38.6   | 40.2   | 41.9   | 43.0   | 44.2   | 45.4   | 46.7   | 47.2   |
| 97.5°  | 49.8   | 40.6   | 44.4   | 48.3   | 52.2   | 56.0   | 57.0   | 58.0   | 58.9   | 59.9   | 60.5   |
| 100°   | 59.3   | 44.9   | 49.0   | 53.1   | 57.2   | 61.2   | 63.1   | 65.0   | 67.0   | 68.9   | 70.0   |
| 102.5° | 219.0  | 198.6  | 164.7  | 130.8  | 96.8   | 62.9   | 65.4   | 67.9   | 70.4   | 72.8   | 74.4   |
| 105°   | 355.0  | 326.0  | 260.8  | 195.7  | 130.6  | 65.4   | 68.1   | 70.7   | 73.3   | 75.9   | 77.8   |
| 107.5° | 440.3  | 404.1  | 326.0  | 247.9  | 169.8  | 91.7   | 89.0   | 86.3   | 83.6   | 81.0   | 80.2   |
| 110°   | 495.6  | 463.6  | 394.7  | 325.8  | 256.8  | 187.8  | 164.0  | 140.2  | 116.3  | 92.4   | 81.0   |



TEST NUMBER: P331669-840

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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 548.3  | 542.0  | 524.9  | 508.0  | 490.9  | 473.8  | 386.9  | 299.8  | 212.8  | 125.7  | 82.6   |
| 115°   | 633.5  | 638.5  | 644.5  | 650.5  | 656.4  | 662.4  | 551.9  | 441.4  | 331.0  | 220.6  | 156.7  |
| 117.5° | 713.0  | 717.2  | 721.3  | 725.5  | 729.5  | 733.7  | 706.9  | 680.2  | 653.5  | 626.8  | 585.2  |
| 120°   | 765.8  | 769.7  | 774.1  | 778.3  | 782.6  | 786.9  | 789.7  | 792.6  | 795.5  | 798.4  | 783.7  |
| 122.5° | 814.7  | 818.9  | 823.5  | 828.2  | 832.9  | 837.6  | 839.3  | 841.0  | 842.7  | 844.4  | 842.1  |
| 125°   | 885.1  | 889.0  | 893.5  | 898.1  | 902.6  | 907.2  | 908.8  | 910.5  | 912.1  | 913.8  | 915.0  |
| 127.5° | 952.9  | 956.2  | 959.7  | 963.0  | 966.4  | 969.9  | 972.3  | 974.7  | 977.1  | 979.6  | 980.9  |
| 130°   | 996.4  | 999.7  | 1002.3 | 1004.9 | 1007.5 | 1010.2 | 1012.8 | 1015.4 | 1018.0 | 1020.7 | 1021.9 |
| 132.5° | 1037.1 | 1040.1 | 1042.7 | 1045.3 | 1047.9 | 1050.6 | 1052.8 | 1055.0 | 1057.3 | 1059.6 | 1060.6 |
| 135°   | 1095.2 | 1098.2 | 1100.3 | 1102.5 | 1104.7 | 1106.8 | 1109.2 | 1111.6 | 1114.0 | 1116.3 | 1117.3 |
| 137.5° | 1147.1 | 1149.6 | 1152.2 | 1154.6 | 1157.0 | 1159.4 | 1161.7 | 1164.1 | 1166.4 | 1168.7 | 1169.5 |
| 140°   | 1181.0 | 1183.3 | 1185.9 | 1188.5 | 1191.1 | 1193.8 | 1195.9 | 1198.1 | 1200.2 | 1202.3 | 1202.9 |
| 142.5° | 1211.1 | 1213.6 | 1216.5 | 1219.5 | 1222.5 | 1225.6 | 1227.5 | 1229.4 | 1231.4 | 1233.3 | 1233.8 |
| 145°   | 1251.8 | 1253.7 | 1257.8 | 1261.8 | 1266.0 | 1270.0 | 1271.6 | 1273.3 | 1275.0 | 1276.7 | 1276.9 |
| 147.5° | 1291.5 | 1293.0 | 1297.1 | 1301.0 | 1305.0 | 1309.1 | 1310.3 | 1311.5 | 1312.8 | 1314.0 | 1314.1 |
| 150°   | 1316.0 | 1317.0 | 1320.8 | 1324.6 | 1328.5 | 1332.2 | 1333.7 | 1335.1 | 1336.6 | 1338.0 | 1338.1 |
| 152.5° | 1338.4 | 1339.2 | 1342.8 | 1346.5 | 1350.1 | 1353.7 | 1355.1 | 1356.6 | 1358.1 | 1359.5 | 1359.4 |
| 155°   | 1370.9 | 1371.3 | 1374.1 | 1377.0 | 1379.9 | 1382.7 | 1384.1 | 1385.5 | 1387.0 | 1388.5 | 1388.2 |
| 157.5° | 1398.7 | 1398.8 | 1400.8 | 1402.7 | 1404.7 | 1406.7 | 1408.4 | 1410.0 | 1411.6 | 1413.2 | 1413.1 |
| 160°   | 1415.6 | 1415.6 | 1417.0 | 1418.5 | 1420.0 | 1421.4 | 1422.8 | 1424.2 | 1425.6 | 1427.0 | 1426.9 |
| 162.5° | 1429.4 | 1429.3 | 1430.5 | 1431.8 | 1433.0 | 1434.2 | 1435.8 | 1437.4 | 1439.1 | 1440.8 | 1440.5 |
| 165°   | 1447.8 | 1447.4 | 1448.1 | 1449.0 | 1449.7 | 1450.4 | 1452.0 | 1453.7 | 1455.3 | 1457.0 | 1457.0 |
| 167.5° | 1461.6 | 1461.2 | 1461.9 | 1462.5 | 1463.2 | 1463.9 | 1465.5 | 1467.2 | 1468.8 | 1470.6 | 1470.3 |
| 170°   | 1469.4 | 1468.8 | 1469.4 | 1469.8 | 1470.3 | 1470.8 | 1472.4 | 1474.1 | 1475.7 | 1477.4 | 1477.1 |
| 172.5° | 1474.5 | 1474.0 | 1474.5 | 1474.9 | 1475.4 | 1475.9 | 1477.5 | 1479.3 | 1480.9 | 1482.6 | 1482.4 |
| 175°   | 1480.2 | 1479.6 | 1480.1 | 1480.6 | 1481.0 | 1481.5 | 1483.2 | 1484.8 | 1486.5 | 1488.1 | 1487.8 |
| 177.5° | 1482.6 | 1482.0 | 1482.2 | 1482.4 | 1482.6 | 1482.8 | 1484.1 | 1485.4 | 1486.7 | 1488.1 | 1487.9 |
| 180°   | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 |
| 2.5°   | 1042.2 | 1042.8 | 1041.9 | 1042.5 | 1041.9 | 1042.8 | 1042.2 | 1045.5 | 1046.1 | 1046.7 | 1046.1 |
| 5°     | 971.1  | 966.5  | 965.8  | 964.7  | 965.8  | 966.5  | 971.1  | 973.0  | 974.5  | 977.4  | 982.8  |
| 7.5°   | 886.2  | 885.4  | 883.6  | 880.9  | 883.6  | 885.4  | 886.2  | 892.6  | 897.8  | 903.6  | 914.4  |
| 10°    | 831.5  | 829.7  | 829.3  | 826.7  | 829.3  | 829.7  | 831.5  | 839.8  | 845.9  | 854.1  | 868.9  |
| 12.5°  | 767.6  | 755.5  | 754.2  | 747.6  | 754.2  | 755.5  | 767.6  | 778.3  | 794.6  | 802.5  | 818.2  |
| 15°    | 653.6  | 651.3  | 643.8  | 638.8  | 643.8  | 651.3  | 653.6  | 662.6  | 668.6  | 690.5  | 715.8  |
| 17.5°  | 588.3  | 581.0  | 578.7  | 577.6  | 578.7  | 581.0  | 588.3  | 592.8  | 601.4  | 612.9  | 628.1  |
| 20°    | 546.4  | 539.7  | 538.6  | 537.8  | 538.6  | 539.7  | 546.4  | 551.7  | 558.6  | 571.0  | 586.8  |
| 22.5°  | 517.5  | 510.4  | 507.5  | 505.2  | 507.5  | 510.4  | 517.5  | 521.6  | 527.8  | 537.5  | 548.2  |
| 25°    | 468.0  | 465.3  | 463.8  | 463.1  | 463.8  | 465.3  | 468.0  | 471.8  | 477.8  | 491.0  | 502.3  |
| 27.5°  | 429.3  | 423.5  | 422.3  | 420.4  | 422.3  | 423.5  | 429.3  | 436.1  | 442.3  | 448.3  | 458.4  |
| 30°    | 407.3  | 405.4  | 402.7  | 400.5  | 402.7  | 405.4  | 407.3  | 410.7  | 414.9  | 425.1  | 434.8  |
| 32.5°  | 381.3  | 379.8  | 377.4  | 376.4  | 377.4  | 379.8  | 381.3  | 386.0  | 394.7  | 400.9  | 408.0  |
| 35°    | 352.6  | 347.3  | 345.1  | 341.6  | 345.1  | 347.3  | 352.6  | 356.4  | 359.8  | 365.1  | 377.9  |
| 37.5°  | 322.2  | 319.4  | 316.3  | 317.4  | 316.3  | 319.4  | 322.2  | 323.8  | 330.9  | 338.3  | 343.9  |
| 40°    | 298.7  | 296.8  | 296.0  | 295.7  | 296.0  | 296.8  | 298.7  | 303.6  | 312.3  | 315.7  | 324.0  |
| 42.5°  | 279.9  | 274.8  | 272.8  | 272.8  | 272.8  | 274.8  | 279.9  | 285.5  | 290.8  | 296.3  | 305.0  |
| 45°    | 251.6  | 246.6  | 243.3  | 243.6  | 243.3  | 246.6  | 251.6  | 253.4  | 257.9  | 268.9  | 273.8  |
| 47.5°  | 222.5  | 222.3  | 220.2  | 220.9  | 220.2  | 222.3  | 222.5  | 225.7  | 231.5  | 238.2  | 246.0  |
| 50°    | 208.5  | 206.3  | 204.8  | 205.1  | 204.8  | 206.3  | 208.5  | 211.2  | 214.6  | 217.9  | 230.0  |
| 52.5°  | 195.3  | 193.3  | 192.1  | 193.7  | 192.1  | 193.3  | 195.3  | 196.7  | 199.1  | 202.6  | 210.8  |
| 55°    | 173.5  | 171.2  | 170.9  | 170.5  | 170.9  | 171.2  | 173.5  | 175.3  | 178.3  | 181.0  | 184.8  |
| 57.5°  | 149.2  | 147.6  | 145.3  | 144.4  | 145.3  | 147.6  | 149.2  | 151.9  | 155.5  | 159.0  | 162.9  |
| 60°    | 131.6  | 128.6  | 124.8  | 124.4  | 124.8  | 128.6  | 131.6  | 136.5  | 138.0  | 143.3  | 147.8  |
| 62.5°  | 115.6  | 115.0  | 114.3  | 114.2  | 114.3  | 115.0  | 115.6  | 117.2  | 119.4  | 127.0  | 132.5  |
| 65°    | 101.5  | 101.1  | 101.5  | 101.8  | 101.5  | 101.1  | 101.5  | 102.2  | 102.6  | 103.3  | 105.6  |
| 67.5°  | 88.4   | 87.8   | 87.1   | 87.4   | 87.1   | 87.8   | 88.4   | 88.6   | 89.6   | 90.1   | 91.6   |
| 70°    | 78.5   | 78.1   | 77.7   | 77.7   | 77.7   | 78.1   | 78.5   | 79.2   | 80.0   | 80.7   | 82.6   |
| 72.5°  | 68.8   | 68.7   | 68.4   | 68.1   | 68.4   | 68.7   | 68.8   | 70.2   | 70.6   | 71.4   | 72.6   |
| 75°    | 55.0   | 54.3   | 54.3   | 54.3   | 54.3   | 54.3   | 55.0   | 55.4   | 55.8   | 57.0   | 57.7   |
| 77.5°  | 41.9   | 41.6   | 41.2   | 40.9   | 41.2   | 41.6   | 41.9   | 42.0   | 42.6   | 42.8   | 43.6   |
| 80°    | 33.2   | 32.8   | 32.4   | 32.4   | 32.4   | 32.8   | 33.2   | 33.5   | 33.5   | 34.7   | 34.3   |
| 82.5°  | 25.3   | 24.9   | 24.8   | 24.5   | 24.8   | 24.9   | 25.3   | 25.4   | 25.4   | 26.3   | 26.2   |
| 85°    | 13.5   | 13.9   | 13.5   | 14.3   | 13.5   | 13.9   | 13.5   | 13.2   | 13.5   | 14.3   | 14.3   |
| 87.5°  | 9.4    | 9.2    | 9.6    | 9.4    | 9.6    | 9.2    | 9.4    | 9.3    | 9.5    | 9.2    | 9.0    |
| 90°    | 27.6   | 28.1   | 28.5   | 29.0   | 28.5   | 28.1   | 27.6   | 27.1   | 26.3   | 25.0   | 23.8   |
| 92.5°  | 28.2   | 28.4   | 28.7   | 29.0   | 28.7   | 28.4   | 28.2   | 27.9   | 27.4   | 26.8   | 26.2   |
| 95°    | 46.9   | 46.7   | 46.4   | 46.2   | 46.4   | 46.7   | 46.9   | 47.2   | 46.7   | 45.4   | 44.2   |
| 97.5°  | 60.8   | 61.1   | 61.3   | 61.6   | 61.3   | 61.1   | 60.8   | 60.5   | 59.9   | 58.9   | 58.0   |
| 100°   | 70.5   | 71.0   | 71.5   | 71.9   | 71.5   | 71.0   | 70.5   | 70.0   | 68.9   | 67.0   | 65.0   |
| 102.5° | 75.0   | 75.7   | 76.4   | 77.1   | 76.4   | 75.7   | 75.0   | 74.4   | 72.8   | 70.4   | 67.9   |
| 105°   | 78.8   | 79.7   | 80.6   | 81.6   | 80.6   | 79.7   | 78.8   | 77.8   | 75.9   | 73.3   | 70.7   |
| 107.5° | 81.1   | 82.0   | 83.0   | 83.9   | 83.0   | 82.0   | 81.1   | 80.2   | 81.0   | 83.6   | 86.3   |
| 110°   | 81.9   | 82.9   | 83.8   | 84.8   | 83.8   | 82.9   | 81.9   | 81.0   | 92.4   | 116.3  | 140.2  |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 83.4   | 84.1   | 84.9   | 85.6   | 84.9   | 84.1   | 83.4   | 82.6   | 125.7  | 212.8  | 299.8  |
| 115°   | 139.6  | 122.4  | 105.2  | 88.1   | 105.2  | 122.4  | 139.6  | 156.7  | 220.6  | 331.0  | 441.4  |
| 117.5° | 528.8  | 472.3  | 415.9  | 359.4  | 415.9  | 472.3  | 528.8  | 585.2  | 626.8  | 653.5  | 680.2  |
| 120°   | 751.4  | 719.2  | 687.0  | 654.9  | 687.0  | 719.2  | 751.4  | 783.7  | 798.4  | 795.5  | 792.6  |
| 122.5° | 836.0  | 829.7  | 823.4  | 817.2  | 823.4  | 829.7  | 836.0  | 842.1  | 844.4  | 842.7  | 841.0  |
| 125°   | 915.7  | 916.5  | 917.2  | 917.9  | 917.2  | 916.5  | 915.7  | 915.0  | 913.8  | 912.1  | 910.5  |
| 127.5° | 981.0  | 981.2  | 981.3  | 981.4  | 981.3  | 981.2  | 981.0  | 980.9  | 979.6  | 977.1  | 974.7  |
| 130°   | 1021.7 | 1021.4 | 1021.2 | 1021.0 | 1021.2 | 1021.4 | 1021.7 | 1021.9 | 1020.7 | 1018.0 | 1015.4 |
| 132.5° | 1060.3 | 1060.1 | 1059.9 | 1059.6 | 1059.9 | 1060.1 | 1060.3 | 1060.6 | 1059.6 | 1057.3 | 1055.0 |
| 135°   | 1116.8 | 1116.3 | 1115.9 | 1115.4 | 1115.9 | 1116.3 | 1116.8 | 1117.3 | 1116.3 | 1114.0 | 1111.6 |
| 137.5° | 1168.7 | 1167.9 | 1167.1 | 1166.3 | 1167.1 | 1167.9 | 1168.7 | 1169.5 | 1168.7 | 1166.4 | 1164.1 |
| 140°   | 1201.6 | 1200.4 | 1199.2 | 1198.1 | 1199.2 | 1200.4 | 1201.6 | 1202.9 | 1202.3 | 1200.2 | 1198.1 |
| 142.5° | 1232.5 | 1231.3 | 1230.2 | 1229.0 | 1230.2 | 1231.3 | 1232.5 | 1233.8 | 1233.3 | 1231.4 | 1229.4 |
| 145°   | 1275.8 | 1274.6 | 1273.3 | 1272.1 | 1273.3 | 1274.6 | 1275.8 | 1276.9 | 1276.7 | 1275.0 | 1273.3 |
| 147.5° | 1313.1 | 1312.1 | 1311.1 | 1310.1 | 1311.1 | 1312.1 | 1313.1 | 1314.1 | 1314.0 | 1312.8 | 1311.5 |
| 150°   | 1336.9 | 1335.7 | 1334.5 | 1333.3 | 1334.5 | 1335.7 | 1336.9 | 1338.1 | 1338.0 | 1336.6 | 1335.1 |
| 152.5° | 1357.8 | 1356.2 | 1354.6 | 1353.1 | 1354.6 | 1356.2 | 1357.8 | 1359.4 | 1359.5 | 1358.1 | 1356.6 |
| 155°   | 1386.2 | 1384.4 | 1382.5 | 1380.6 | 1382.5 | 1384.4 | 1386.2 | 1388.2 | 1388.5 | 1387.0 | 1385.5 |
| 157.5° | 1411.3 | 1409.4 | 1407.5 | 1405.6 | 1407.5 | 1409.4 | 1411.3 | 1413.1 | 1413.2 | 1411.6 | 1410.0 |
| 160°   | 1425.3 | 1423.6 | 1422.0 | 1420.3 | 1422.0 | 1423.6 | 1425.3 | 1426.9 | 1427.0 | 1425.6 | 1424.2 |
| 162.5° | 1438.5 | 1436.4 | 1434.3 | 1432.3 | 1434.3 | 1436.4 | 1438.5 | 1440.5 | 1440.8 | 1439.1 | 1437.4 |
| 165°   | 1455.3 | 1453.7 | 1452.0 | 1450.4 | 1452.0 | 1453.7 | 1455.3 | 1457.0 | 1457.0 | 1455.3 | 1453.7 |
| 167.5° | 1468.1 | 1466.0 | 1463.9 | 1461.7 | 1463.9 | 1466.0 | 1468.1 | 1470.3 | 1470.6 | 1468.8 | 1467.2 |
| 170°   | 1475.0 | 1472.9 | 1470.8 | 1468.5 | 1470.8 | 1472.9 | 1475.0 | 1477.1 | 1477.4 | 1475.7 | 1474.1 |
| 172.5° | 1480.2 | 1478.0 | 1475.9 | 1473.7 | 1475.9 | 1478.0 | 1480.2 | 1482.4 | 1482.6 | 1480.9 | 1479.3 |
| 175°   | 1485.4 | 1483.0 | 1480.7 | 1478.2 | 1480.7 | 1483.0 | 1485.4 | 1487.8 | 1488.1 | 1486.5 | 1484.8 |
| 177.5° | 1486.2 | 1484.5 | 1482.8 | 1481.1 | 1482.8 | 1484.5 | 1486.2 | 1487.9 | 1488.1 | 1486.7 | 1485.4 |
| 180°   | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 |
| 2.5°   | 1043.7 | 1047.9 | 1054.3 | 1057.9 | 1063.9 | 1067.8 | 1070.0 | 1073.9 | 1076.0 | 1083.6 | 1091.4 |
| 5°     | 985.4  | 991.5  | 1002.0 | 1011.8 | 1022.4 | 1033.3 | 1041.3 | 1050.3 | 1058.5 | 1072.9 | 1088.0 |
| 7.5°   | 918.6  | 927.0  | 943.3  | 959.0  | 977.3  | 992.8  | 1006.4 | 1021.9 | 1035.7 | 1056.2 | 1077.6 |
| 10°    | 868.5  | 883.2  | 904.7  | 919.4  | 943.5  | 959.0  | 980.5  | 997.4  | 1016.7 | 1043.9 | 1068.0 |
| 12.5°  | 825.4  | 843.1  | 860.4  | 880.8  | 902.5  | 928.3  | 951.9  | 973.6  | 996.5  | 1024.6 | 1052.9 |
| 15°    | 747.1  | 772.7  | 799.5  | 820.2  | 849.7  | 876.8  | 904.3  | 933.7  | 961.7  | 995.2  | 1032.2 |
| 17.5°  | 646.3  | 676.0  | 721.0  | 756.6  | 791.1  | 818.4  | 852.4  | 888.1  | 920.9  | 961.4  | 1002.5 |
| 20°    | 600.8  | 622.6  | 653.2  | 701.0  | 753.2  | 782.1  | 816.9  | 856.1  | 893.7  | 937.9  | 982.0  |
| 22.5°  | 564.2  | 583.7  | 608.2  | 645.5  | 703.7  | 743.3  | 779.4  | 819.3  | 863.0  | 908.1  | 956.9  |
| 25°    | 512.1  | 525.7  | 551.4  | 581.5  | 621.5  | 686.7  | 726.3  | 766.3  | 813.9  | 862.1  | 917.9  |
| 27.5°  | 473.0  | 485.2  | 501.9  | 530.7  | 560.4  | 607.2  | 670.2  | 713.8  | 761.1  | 815.5  | 873.4  |
| 30°    | 443.1  | 457.5  | 475.9  | 496.2  | 528.8  | 565.3  | 628.2  | 678.8  | 725.6  | 781.4  | 843.2  |
| 32.5°  | 421.4  | 432.7  | 448.5  | 469.2  | 496.1  | 531.2  | 581.5  | 642.9  | 688.4  | 747.3  | 811.8  |
| 35°    | 385.8  | 399.0  | 411.8  | 431.4  | 453.3  | 485.3  | 523.4  | 589.1  | 634.3  | 692.4  | 757.3  |
| 37.5°  | 356.5  | 364.6  | 378.7  | 394.3  | 417.3  | 441.2  | 474.2  | 533.1  | 582.1  | 639.0  | 705.5  |
| 40°    | 334.2  | 344.3  | 354.9  | 372.2  | 391.1  | 414.0  | 446.5  | 490.3  | 546.4  | 602.3  | 667.1  |
| 42.5°  | 312.5  | 325.3  | 336.5  | 348.1  | 368.7  | 391.7  | 418.2  | 455.2  | 512.6  | 565.4  | 628.5  |
| 45°    | 286.2  | 294.6  | 306.2  | 319.0  | 336.0  | 355.7  | 379.0  | 411.4  | 466.5  | 512.1  | 571.4  |
| 47.5°  | 255.8  | 267.9  | 275.5  | 288.0  | 304.2  | 322.9  | 344.6  | 372.6  | 417.3  | 460.0  | 514.9  |
| 50°    | 235.0  | 247.4  | 258.3  | 269.6  | 284.0  | 302.1  | 320.1  | 347.3  | 383.1  | 428.1  | 479.3  |
| 52.5°  | 217.1  | 228.1  | 238.7  | 250.0  | 264.1  | 280.6  | 297.8  | 321.6  | 352.3  | 393.6  | 443.4  |
| 55°    | 192.7  | 199.4  | 210.5  | 221.8  | 234.2  | 250.0  | 266.6  | 286.6  | 313.1  | 347.7  | 388.1  |
| 57.5°  | 167.6  | 175.5  | 184.2  | 195.6  | 208.1  | 220.4  | 235.2  | 253.4  | 274.2  | 305.6  | 340.1  |
| 60°    | 153.5  | 159.6  | 166.7  | 178.3  | 190.1  | 201.0  | 215.3  | 230.5  | 250.0  | 277.2  | 306.6  |
| 62.5°  | 137.8  | 143.5  | 150.1  | 160.3  | 171.7  | 181.7  | 194.2  | 210.3  | 226.8  | 251.6  | 277.3  |
| 65°    | 111.6  | 120.0  | 126.3  | 135.4  | 144.8  | 155.4  | 165.2  | 178.0  | 192.7  | 212.3  | 235.3  |
| 67.5°  | 92.5   | 96.7   | 102.7  | 111.0  | 120.6  | 129.7  | 139.0  | 149.0  | 161.7  | 176.8  | 195.1  |
| 70°    | 84.1   | 85.6   | 86.7   | 94.6   | 103.7  | 112.8  | 121.4  | 130.9  | 141.8  | 154.2  | 170.1  |
| 72.5°  | 74.1   | 75.6   | 77.1   | 80.5   | 87.8   | 96.7   | 105.7  | 112.8  | 123.1  | 133.4  | 146.2  |
| 75°    | 58.9   | 61.1   | 62.2   | 64.1   | 66.8   | 72.8   | 81.1   | 87.9   | 93.9   | 101.8  | 112.0  |
| 77.5°  | 44.8   | 46.0   | 47.3   | 49.3   | 50.9   | 53.7   | 58.4   | 64.5   | 70.2   | 74.7   | 81.8   |
| 80°    | 35.4   | 35.9   | 37.4   | 38.1   | 40.4   | 42.2   | 44.5   | 49.4   | 55.0   | 57.0   | 61.8   |
| 82.5°  | 26.7   | 27.1   | 28.3   | 29.1   | 30.1   | 31.7   | 34.5   | 35.9   | 40.3   | 42.7   | 45.8   |
| 85°    | 14.7   | 14.3   | 15.5   | 15.5   | 16.3   | 17.0   | 17.8   | 19.6   | 20.7   | 23.7   | 24.5   |
| 87.5°  | 9.1    | 8.8    | 8.8    | 8.4    | 8.0    | 8.2    | 8.1    | 7.8    | 7.9    | 8.3    | 9.0    |
| 90°    | 22.6   | 21.5   | 19.6   | 17.7   | 15.8   | 13.8   | 11.6   | 9.0    | 6.4    | 3.7    | 1.1    |
| 92.5°  | 25.5   | 24.9   | 23.9   | 23.0   | 22.0   | 21.1   | 20.7   | 21.0   | 21.2   | 21.4   | 21.7   |
| 95°    | 43.0   | 41.9   | 40.2   | 38.6   | 36.9   | 35.1   | 38.3   | 46.2   | 54.0   | 61.9   | 69.8   |
| 97.5°  | 57.0   | 56.0   | 52.2   | 48.3   | 44.4   | 40.6   | 49.8   | 71.9   | 94.1   | 116.3  | 138.5  |
| 100°   | 63.1   | 61.2   | 57.2   | 53.1   | 49.0   | 44.9   | 59.3   | 92.0   | 124.6  | 157.3  | 190.1  |
| 102.5° | 65.4   | 62.9   | 96.8   | 130.8  | 164.7  | 198.6  | 219.0  | 225.9  | 232.9  | 239.7  | 246.7  |
| 105°   | 68.1   | 65.4   | 130.6  | 195.7  | 260.8  | 326.0  | 355.0  | 347.8  | 340.6  | 333.6  | 326.4  |
| 107.5° | 89.0   | 91.7   | 169.8  | 247.9  | 326.0  | 404.1  | 440.3  | 434.4  | 428.7  | 422.9  | 417.2  |
| 110°   | 164.0  | 187.8  | 256.8  | 325.8  | 394.7  | 463.6  | 495.6  | 490.6  | 485.6  | 480.6  | 475.5  |



TEST NUMBER: P331669-840

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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 386.9  | 473.8  | 490.9  | 508.0  | 524.9  | 542.0  | 548.3  | 543.8  | 539.4  | 535.0  | 530.6  |
| 115°   | 551.9  | 662.4  | 656.4  | 650.5  | 644.5  | 638.5  | 633.5  | 629.4  | 625.4  | 621.4  | 617.3  |
| 117.5° | 706.9  | 733.7  | 729.5  | 725.5  | 721.3  | 717.2  | 713.0  | 708.4  | 703.9  | 699.3  | 694.8  |
| 120°   | 789.7  | 786.9  | 782.6  | 778.3  | 774.1  | 769.7  | 765.8  | 762.2  | 758.6  | 755.1  | 751.4  |
| 122.5° | 839.3  | 837.6  | 832.9  | 828.2  | 823.5  | 818.9  | 814.7  | 810.9  | 807.1  | 803.3  | 799.6  |
| 125°   | 908.8  | 907.2  | 902.6  | 898.1  | 893.5  | 889.0  | 885.1  | 882.1  | 879.0  | 875.9  | 872.8  |
| 127.5° | 972.3  | 969.9  | 966.4  | 963.0  | 959.7  | 956.2  | 952.9  | 949.5  | 946.0  | 942.6  | 939.2  |
| 130°   | 1012.8 | 1010.2 | 1007.5 | 1004.9 | 1002.3 | 999.7  | 996.4  | 992.7  | 988.9  | 985.0  | 981.2  |
| 132.5° | 1052.8 | 1050.6 | 1047.9 | 1045.3 | 1042.7 | 1040.1 | 1037.1 | 1033.9 | 1030.7 | 1027.4 | 1024.1 |
| 135°   | 1109.2 | 1106.8 | 1104.7 | 1102.5 | 1100.3 | 1098.2 | 1095.2 | 1091.5 | 1087.6 | 1083.8 | 1079.9 |
| 137.5° | 1161.7 | 1159.4 | 1157.0 | 1154.6 | 1152.2 | 1149.6 | 1147.1 | 1144.5 | 1141.8 | 1139.1 | 1136.4 |
| 140°   | 1195.9 | 1193.8 | 1191.1 | 1188.5 | 1185.9 | 1183.3 | 1181.0 | 1179.1 | 1177.2 | 1175.3 | 1173.4 |
| 142.5° | 1227.5 | 1225.6 | 1222.5 | 1219.5 | 1216.5 | 1213.6 | 1211.1 | 1209.4 | 1207.7 | 1206.0 | 1204.3 |
| 145°   | 1271.6 | 1270.0 | 1266.0 | 1261.8 | 1257.8 | 1253.7 | 1251.8 | 1252.1 | 1252.3 | 1252.5 | 1252.8 |
| 147.5° | 1310.3 | 1309.1 | 1305.0 | 1301.0 | 1297.1 | 1293.0 | 1291.5 | 1292.4 | 1293.3 | 1294.2 | 1295.2 |
| 150°   | 1333.7 | 1332.2 | 1328.5 | 1324.6 | 1320.8 | 1317.0 | 1316.0 | 1317.6 | 1319.3 | 1320.9 | 1322.6 |
| 152.5° | 1355.1 | 1353.7 | 1350.1 | 1346.5 | 1342.8 | 1339.2 | 1338.4 | 1340.2 | 1342.0 | 1343.9 | 1345.7 |
| 155°   | 1384.1 | 1382.7 | 1379.9 | 1377.0 | 1374.1 | 1371.3 | 1370.9 | 1373.0 | 1375.2 | 1377.4 | 1379.5 |
| 157.5° | 1408.4 | 1406.7 | 1404.7 | 1402.7 | 1400.8 | 1398.8 | 1398.7 | 1400.5 | 1402.3 | 1404.1 | 1405.9 |
| 160°   | 1422.8 | 1421.4 | 1420.0 | 1418.5 | 1417.0 | 1415.6 | 1415.6 | 1417.0 | 1418.5 | 1420.0 | 1421.4 |
| 162.5° | 1435.8 | 1434.2 | 1433.0 | 1431.8 | 1430.5 | 1429.3 | 1429.4 | 1430.8 | 1432.2 | 1433.7 | 1435.1 |
| 165°   | 1452.0 | 1450.4 | 1449.7 | 1449.0 | 1448.1 | 1447.4 | 1447.8 | 1449.3 | 1450.7 | 1452.1 | 1453.6 |
| 167.5° | 1465.5 | 1463.9 | 1463.2 | 1462.5 | 1461.9 | 1461.2 | 1461.6 | 1463.0 | 1464.4 | 1465.9 | 1467.3 |
| 170°   | 1472.4 | 1470.8 | 1470.3 | 1469.8 | 1469.4 | 1468.8 | 1469.4 | 1470.8 | 1472.2 | 1473.6 | 1475.0 |
| 172.5° | 1477.5 | 1475.9 | 1475.4 | 1474.9 | 1474.5 | 1474.0 | 1474.5 | 1475.9 | 1477.3 | 1478.7 | 1480.2 |
| 175°   | 1483.2 | 1481.5 | 1481.0 | 1480.6 | 1480.1 | 1479.6 | 1480.2 | 1481.9 | 1483.5 | 1485.2 | 1486.8 |
| 177.5° | 1484.1 | 1482.8 | 1482.6 | 1482.4 | 1482.2 | 1482.0 | 1482.6 | 1483.9 | 1485.2 | 1486.6 | 1487.9 |
| 180°   | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 |



TEST NUMBER: P331669-840

CATALOG NUMBER: SA2XXRDIP-C485D1080U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 |
| 2.5°   | 1091.7 | 1092.6 | 1098.6 | 1101.4 | 1106.8 | 1108.9 | 1111.3 | 1110.6 | 1110.6 | 1111.9 | 1120.3 |
| 5°     | 1094.0 | 1101.6 | 1112.9 | 1123.8 | 1134.4 | 1143.5 | 1149.4 | 1155.5 | 1157.7 | 1168.7 | 1178.5 |
| 7.5°   | 1090.1 | 1104.0 | 1122.7 | 1139.3 | 1159.3 | 1175.0 | 1187.9 | 1199.6 | 1207.6 | 1223.6 | 1239.8 |
| 10°    | 1085.0 | 1104.6 | 1125.7 | 1147.2 | 1174.8 | 1195.5 | 1216.6 | 1232.8 | 1238.1 | 1261.8 | 1275.5 |
| 12.5°  | 1074.7 | 1101.0 | 1127.8 | 1155.7 | 1182.6 | 1211.1 | 1234.4 | 1250.6 | 1269.2 | 1290.5 | 1315.6 |
| 15°    | 1059.3 | 1089.5 | 1124.6 | 1160.4 | 1198.9 | 1233.6 | 1258.5 | 1286.8 | 1307.1 | 1330.5 | 1352.3 |
| 17.5°  | 1037.2 | 1076.1 | 1120.6 | 1162.2 | 1206.6 | 1243.9 | 1278.2 | 1305.3 | 1319.6 | 1332.9 | 1336.3 |
| 20°    | 1019.8 | 1061.6 | 1114.0 | 1163.1 | 1207.5 | 1250.5 | 1284.4 | 1307.1 | 1310.9 | 1311.2 | 1291.2 |
| 22.5°  | 1000.8 | 1048.0 | 1102.9 | 1153.1 | 1206.3 | 1254.2 | 1280.5 | 1290.2 | 1275.3 | 1249.7 | 1211.0 |
| 25°    | 965.8  | 1020.5 | 1084.2 | 1141.6 | 1199.6 | 1244.9 | 1253.9 | 1237.0 | 1184.6 | 1129.4 | 1059.8 |
| 27.5°  | 928.0  | 989.4  | 1057.7 | 1121.5 | 1183.4 | 1211.4 | 1191.8 | 1130.6 | 1036.2 | 954.2  | 854.7  |
| 30°    | 900.2  | 969.2  | 1036.3 | 1107.6 | 1164.9 | 1177.0 | 1132.2 | 1042.0 | 931.9  | 808.2  | 709.0  |
| 32.5°  | 868.5  | 940.8  | 1014.6 | 1088.3 | 1136.3 | 1124.5 | 1050.4 | 939.4  | 810.3  | 688.7  | 594.9  |
| 35°    | 823.2  | 898.0  | 977.4  | 1051.4 | 1082.0 | 1031.1 | 920.2  | 775.8  | 643.8  | 530.3  | 465.7  |
| 37.5°  | 771.0  | 852.3  | 935.0  | 1002.9 | 1000.8 | 915.8  | 764.9  | 615.7  | 504.8  | 437.7  | 391.7  |
| 40°    | 733.9  | 816.1  | 905.4  | 962.8  | 938.3  | 827.8  | 664.1  | 523.4  | 442.3  | 388.8  | 355.3  |
| 42.5°  | 698.3  | 780.8  | 869.6  | 915.1  | 872.5  | 736.7  | 573.6  | 463.4  | 396.5  | 354.8  | 327.5  |
| 45°    | 637.7  | 724.8  | 807.1  | 832.3  | 756.1  | 606.4  | 463.8  | 384.0  | 339.4  | 308.5  | 289.6  |
| 47.5°  | 578.6  | 664.2  | 739.2  | 739.7  | 636.6  | 491.8  | 391.3  | 332.2  | 294.3  | 270.3  | 256.6  |
| 50°    | 542.3  | 623.8  | 686.7  | 676.9  | 560.1  | 437.5  | 349.9  | 299.0  | 267.4  | 248.9  | 234.6  |
| 52.5°  | 501.6  | 580.6  | 635.1  | 607.2  | 495.1  | 385.0  | 312.9  | 270.1  | 243.9  | 227.8  | 215.0  |
| 55°    | 442.3  | 512.5  | 551.0  | 508.8  | 403.9  | 320.1  | 264.4  | 230.8  | 211.2  | 197.6  | 186.7  |
| 57.5°  | 384.3  | 442.0  | 466.3  | 417.1  | 332.6  | 265.5  | 223.6  | 198.4  | 178.9  | 169.3  | 163.6  |
| 60°    | 347.7  | 397.1  | 414.0  | 359.8  | 289.2  | 232.3  | 198.0  | 174.6  | 160.3  | 153.9  | 148.2  |
| 62.5°  | 311.8  | 352.1  | 359.2  | 309.4  | 252.2  | 203.4  | 173.9  | 154.1  | 144.6  | 138.5  | 133.1  |
| 65°    | 258.7  | 287.7  | 284.4  | 244.4  | 199.4  | 161.4  | 139.9  | 127.8  | 120.7  | 112.0  | 102.6  |
| 67.5°  | 213.0  | 230.8  | 220.0  | 190.1  | 152.3  | 125.4  | 111.4  | 102.3  | 93.4   | 85.1   | 83.0   |
| 70°    | 184.0  | 194.2  | 182.9  | 155.4  | 124.8  | 105.2  | 93.9   | 83.0   | 77.7   | 75.8   | 72.4   |
| 72.5°  | 156.3  | 159.9  | 147.6  | 124.0  | 101.6  | 87.2   | 76.1   | 70.0   | 67.2   | 65.5   | 63.3   |
| 75°    | 117.2  | 114.6  | 104.1  | 85.6   | 70.5   | 60.7   | 57.4   | 55.0   | 53.2   | 51.7   | 50.5   |
| 77.5°  | 82.4   | 78.5   | 69.1   | 57.1   | 49.1   | 44.4   | 42.4   | 41.2   | 40.3   | 39.5   | 38.4   |
| 80°    | 61.8   | 59.2   | 49.8   | 40.7   | 37.4   | 35.0   | 33.9   | 32.4   | 32.4   | 31.7   | 30.5   |
| 82.5°  | 45.2   | 42.3   | 34.1   | 29.9   | 28.0   | 26.7   | 25.8   | 24.8   | 24.5   | 24.7   | 23.9   |
| 85°    | 23.7   | 19.2   | 17.0   | 16.3   | 15.0   | 14.3   | 14.7   | 13.9   | 13.9   | 13.9   | 13.5   |
| 87.5°  | 8.0    | 7.0    | 7.2    | 7.5    | 8.2    | 8.6    | 8.7    | 9.1    | 9.7    | 9.7    | 10.2   |
| 90°    | 3.7    | 6.4    | 9.0    | 11.6   | 13.8   | 15.8   | 17.7   | 19.6   | 21.5   | 22.6   | 23.8   |
| 92.5°  | 21.4   | 21.2   | 21.0   | 20.7   | 21.1   | 22.0   | 23.0   | 23.9   | 24.9   | 25.5   | 26.2   |
| 95°    | 61.9   | 54.0   | 46.2   | 38.3   | 35.1   | 36.9   | 38.6   | 40.2   | 41.9   | 43.0   | 44.2   |
| 97.5°  | 116.3  | 94.1   | 71.9   | 49.8   | 40.6   | 44.4   | 48.3   | 52.2   | 56.0   | 57.0   | 58.0   |
| 100°   | 157.3  | 124.6  | 92.0   | 59.3   | 44.9   | 49.0   | 53.1   | 57.2   | 61.2   | 63.1   | 65.0   |
| 102.5° | 239.7  | 232.9  | 225.9  | 219.0  | 198.6  | 164.7  | 130.8  | 96.8   | 62.9   | 65.4   | 67.9   |
| 105°   | 333.6  | 340.6  | 347.8  | 355.0  | 326.0  | 260.8  | 195.7  | 130.6  | 65.4   | 68.1   | 70.7   |
| 107.5° | 422.9  | 428.7  | 434.4  | 440.3  | 404.1  | 326.0  | 247.9  | 169.8  | 91.7   | 89.0   | 86.3   |
| 110°   | 480.6  | 485.6  | 490.6  | 495.6  | 463.6  | 394.7  | 325.8  | 256.8  | 187.8  | 164.0  | 140.2  |





TEST NUMBER: P331669-840

CATALOG NUMBER: SA2XXRDIP-C485D1080U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 535.0  | 539.4  | 543.8  | 548.3  | 542.0  | 524.9  | 508.0  | 490.9  | 473.8  | 386.9  | 299.8  |
| 115°   | 621.4  | 625.4  | 629.4  | 633.5  | 638.5  | 644.5  | 650.5  | 656.4  | 662.4  | 551.9  | 441.4  |
| 117.5° | 699.3  | 703.9  | 708.4  | 713.0  | 717.2  | 721.3  | 725.5  | 729.5  | 733.7  | 706.9  | 680.2  |
| 120°   | 755.1  | 758.6  | 762.2  | 765.8  | 769.7  | 774.1  | 778.3  | 782.6  | 786.9  | 789.7  | 792.6  |
| 122.5° | 803.3  | 807.1  | 810.9  | 814.7  | 818.9  | 823.5  | 828.2  | 832.9  | 837.6  | 839.3  | 841.0  |
| 125°   | 875.9  | 879.0  | 882.1  | 885.1  | 889.0  | 893.5  | 898.1  | 902.6  | 907.2  | 908.8  | 910.5  |
| 127.5° | 942.6  | 946.0  | 949.5  | 952.9  | 956.2  | 959.7  | 963.0  | 966.4  | 969.9  | 972.3  | 974.7  |
| 130°   | 985.0  | 988.9  | 992.7  | 996.4  | 999.7  | 1002.3 | 1004.9 | 1007.5 | 1010.2 | 1012.8 | 1015.4 |
| 132.5° | 1027.4 | 1030.7 | 1033.9 | 1037.1 | 1040.1 | 1042.7 | 1045.3 | 1047.9 | 1050.6 | 1052.8 | 1055.0 |
| 135°   | 1083.8 | 1087.6 | 1091.5 | 1095.2 | 1098.2 | 1100.3 | 1102.5 | 1104.7 | 1106.8 | 1109.2 | 1111.6 |
| 137.5° | 1139.1 | 1141.8 | 1144.5 | 1147.1 | 1149.6 | 1152.2 | 1154.6 | 1157.0 | 1159.4 | 1161.7 | 1164.1 |
| 140°   | 1175.3 | 1177.2 | 1179.1 | 1181.0 | 1183.3 | 1185.9 | 1188.5 | 1191.1 | 1193.8 | 1195.9 | 1198.1 |
| 142.5° | 1206.0 | 1207.7 | 1209.4 | 1211.1 | 1213.6 | 1216.5 | 1219.5 | 1222.5 | 1225.6 | 1227.5 | 1229.4 |
| 145°   | 1252.5 | 1252.3 | 1252.1 | 1251.8 | 1253.7 | 1257.8 | 1261.8 | 1266.0 | 1270.0 | 1271.6 | 1273.3 |
| 147.5° | 1294.2 | 1293.3 | 1292.4 | 1291.5 | 1293.0 | 1297.1 | 1301.0 | 1305.0 | 1309.1 | 1310.3 | 1311.5 |
| 150°   | 1320.9 | 1319.3 | 1317.6 | 1316.0 | 1317.0 | 1320.8 | 1324.6 | 1328.5 | 1332.2 | 1333.7 | 1335.1 |
| 152.5° | 1343.9 | 1342.0 | 1340.2 | 1338.4 | 1339.2 | 1342.8 | 1346.5 | 1350.1 | 1353.7 | 1355.1 | 1356.6 |
| 155°   | 1377.4 | 1375.2 | 1373.0 | 1370.9 | 1371.3 | 1374.1 | 1377.0 | 1379.9 | 1382.7 | 1384.1 | 1385.5 |
| 157.5° | 1404.1 | 1402.3 | 1400.5 | 1398.7 | 1398.8 | 1400.8 | 1402.7 | 1404.7 | 1406.7 | 1408.4 | 1410.0 |
| 160°   | 1420.0 | 1418.5 | 1417.0 | 1415.6 | 1415.6 | 1417.0 | 1418.5 | 1420.0 | 1421.4 | 1422.8 | 1424.2 |
| 162.5° | 1433.7 | 1432.2 | 1430.8 | 1429.4 | 1429.3 | 1430.5 | 1431.8 | 1433.0 | 1434.2 | 1435.8 | 1437.4 |
| 165°   | 1452.1 | 1450.7 | 1449.3 | 1447.8 | 1447.4 | 1448.1 | 1449.0 | 1449.7 | 1450.4 | 1452.0 | 1453.7 |
| 167.5° | 1465.9 | 1464.4 | 1463.0 | 1461.6 | 1461.2 | 1461.9 | 1462.5 | 1463.2 | 1463.9 | 1465.5 | 1467.2 |
| 170°   | 1473.6 | 1472.2 | 1470.8 | 1469.4 | 1468.8 | 1469.4 | 1469.8 | 1470.3 | 1470.8 | 1472.4 | 1474.1 |
| 172.5° | 1478.7 | 1477.3 | 1475.9 | 1474.5 | 1474.0 | 1474.5 | 1474.9 | 1475.4 | 1475.9 | 1477.5 | 1479.3 |
| 175°   | 1485.2 | 1483.5 | 1481.9 | 1480.2 | 1479.6 | 1480.1 | 1480.6 | 1481.0 | 1481.5 | 1483.2 | 1484.8 |
| 177.5° | 1486.6 | 1485.2 | 1483.9 | 1482.6 | 1482.0 | 1482.2 | 1482.4 | 1482.6 | 1482.8 | 1484.1 | 1485.4 |
| 180°   | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 | 1085.4 |
| 2.5°   | 1123.4 | 1127.3 | 1129.1 | 1129.1 | 1131.3 | 1130.3 | 1129.4 |
| 5°     | 1187.9 | 1195.1 | 1196.6 | 1203.4 | 1208.3 | 1206.8 | 1207.5 |
| 7.5°   | 1252.1 | 1263.6 | 1275.1 | 1280.2 | 1281.1 | 1284.1 | 1285.3 |
| 10°    | 1291.6 | 1301.1 | 1318.8 | 1316.2 | 1329.4 | 1336.9 | 1324.4 |
| 12.5°  | 1329.7 | 1342.4 | 1354.7 | 1358.1 | 1365.5 | 1368.0 | 1363.0 |
| 15°    | 1364.0 | 1370.8 | 1371.6 | 1369.7 | 1372.0 | 1370.1 | 1362.9 |
| 17.5°  | 1331.9 | 1320.9 | 1298.6 | 1288.0 | 1279.6 | 1267.3 | 1262.3 |
| 20°    | 1278.8 | 1246.4 | 1208.7 | 1193.6 | 1175.9 | 1141.1 | 1149.4 |
| 22.5°  | 1164.2 | 1127.2 | 1089.5 | 1045.4 | 1024.4 | 991.5  | 989.6  |
| 25°    | 985.8  | 922.1  | 851.9  | 802.8  | 774.3  | 741.4  | 727.1  |
| 27.5°  | 766.5  | 686.2  | 628.7  | 599.7  | 573.1  | 547.1  | 546.0  |
| 30°    | 622.3  | 561.9  | 517.5  | 492.5  | 476.4  | 465.3  | 467.7  |
| 32.5°  | 524.5  | 483.1  | 453.1  | 432.5  | 420.5  | 412.2  | 412.1  |
| 35°    | 428.8  | 400.5  | 381.2  | 372.6  | 364.0  | 357.9  | 358.3  |
| 37.5°  | 367.0  | 349.9  | 339.2  | 329.7  | 324.3  | 321.3  | 319.6  |
| 40°    | 335.3  | 321.3  | 313.1  | 307.4  | 302.9  | 298.7  | 297.9  |
| 42.5°  | 310.2  | 298.7  | 290.3  | 285.9  | 281.8  | 278.7  | 278.0  |
| 45°    | 275.3  | 265.9  | 258.3  | 253.4  | 251.6  | 248.9  | 248.9  |
| 47.5°  | 244.9  | 235.6  | 229.7  | 226.6  | 223.4  | 221.7  | 221.6  |
| 50°    | 224.4  | 217.2  | 212.0  | 210.1  | 207.4  | 206.3  | 205.9  |
| 52.5°  | 206.0  | 200.7  | 196.8  | 195.6  | 194.4  | 193.0  | 193.2  |
| 55°    | 181.0  | 178.0  | 176.5  | 175.3  | 173.5  | 171.2  | 172.7  |
| 57.5°  | 160.0  | 157.4  | 153.3  | 149.8  | 148.0  | 146.4  | 147.0  |
| 60°    | 145.2  | 139.9  | 134.6  | 130.5  | 129.4  | 125.9  | 125.9  |
| 62.5°  | 126.5  | 119.1  | 112.6  | 110.3  | 109.2  | 107.6  | 107.2  |
| 65°    | 97.3   | 94.3   | 92.8   | 91.3   | 90.5   | 90.5   | 89.8   |
| 67.5°  | 80.6   | 79.4   | 77.8   | 77.4   | 76.6   | 76.4   | 76.1   |
| 70°    | 71.3   | 69.8   | 69.0   | 68.7   | 67.9   | 68.3   | 67.2   |
| 72.5°  | 62.2   | 61.0   | 60.9   | 59.9   | 59.5   | 59.5   | 58.7   |
| 75°    | 49.0   | 49.0   | 48.7   | 48.3   | 47.6   | 47.2   | 47.6   |
| 77.5°  | 37.7   | 37.8   | 37.1   | 37.1   | 37.0   | 37.1   | 36.7   |
| 80°    | 30.2   | 30.5   | 30.2   | 29.8   | 29.4   | 29.8   | 29.4   |
| 82.5°  | 23.8   | 23.3   | 23.2   | 23.1   | 23.1   | 22.8   | 22.8   |
| 85°    | 13.5   | 13.9   | 13.5   | 13.2   | 13.2   | 13.2   | 13.5   |
| 87.5°  | 10.1   | 10.4   | 10.5   | 10.6   | 10.7   | 10.8   | 10.6   |
| 90°    | 25.0   | 26.3   | 27.1   | 27.6   | 28.1   | 28.5   | 29.0   |
| 92.5°  | 26.8   | 27.4   | 27.9   | 28.2   | 28.4   | 28.7   | 29.0   |
| 95°    | 45.4   | 46.7   | 47.2   | 46.9   | 46.7   | 46.4   | 46.2   |
| 97.5°  | 58.9   | 59.9   | 60.5   | 60.8   | 61.1   | 61.3   | 61.6   |
| 100°   | 67.0   | 68.9   | 70.0   | 70.5   | 71.0   | 71.5   | 71.9   |
| 102.5° | 70.4   | 72.8   | 74.4   | 75.0   | 75.7   | 76.4   | 77.1   |
| 105°   | 73.3   | 75.9   | 77.8   | 78.8   | 79.7   | 80.6   | 81.6   |
| 107.5° | 83.6   | 81.0   | 80.2   | 81.1   | 82.0   | 83.0   | 83.9   |
| 110°   | 116.3  | 92.4   | 81.0   | 81.9   | 82.9   | 83.8   | 84.8   |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 212.8  | 125.7  | 82.6   | 83.4   | 84.1   | 84.9   | 85.6   |
| 115°   | 331.0  | 220.6  | 156.7  | 139.6  | 122.4  | 105.2  | 88.1   |
| 117.5° | 653.5  | 626.8  | 585.2  | 528.8  | 472.3  | 415.9  | 359.4  |
| 120°   | 795.5  | 798.4  | 783.7  | 751.4  | 719.2  | 687.0  | 654.9  |
| 122.5° | 842.7  | 844.4  | 842.1  | 836.0  | 829.7  | 823.4  | 817.2  |
| 125°   | 912.1  | 913.8  | 915.0  | 915.7  | 916.5  | 917.2  | 917.9  |
| 127.5° | 977.1  | 979.6  | 980.9  | 981.0  | 981.2  | 981.3  | 981.4  |
| 130°   | 1018.0 | 1020.7 | 1021.9 | 1021.7 | 1021.4 | 1021.2 | 1021.0 |
| 132.5° | 1057.3 | 1059.6 | 1060.6 | 1060.3 | 1060.1 | 1059.9 | 1059.6 |
| 135°   | 1114.0 | 1116.3 | 1117.3 | 1116.8 | 1116.3 | 1115.9 | 1115.4 |
| 137.5° | 1166.4 | 1168.7 | 1169.5 | 1168.7 | 1167.9 | 1167.1 | 1166.3 |
| 140°   | 1200.2 | 1202.3 | 1202.9 | 1201.6 | 1200.4 | 1199.2 | 1198.1 |
| 142.5° | 1231.4 | 1233.3 | 1233.8 | 1232.5 | 1231.3 | 1230.2 | 1229.0 |
| 145°   | 1275.0 | 1276.7 | 1276.9 | 1275.8 | 1274.6 | 1273.3 | 1272.1 |
| 147.5° | 1312.8 | 1314.0 | 1314.1 | 1313.1 | 1312.1 | 1311.1 | 1310.1 |
| 150°   | 1336.6 | 1338.0 | 1338.1 | 1336.9 | 1335.7 | 1334.5 | 1333.3 |
| 152.5° | 1358.1 | 1359.5 | 1359.4 | 1357.8 | 1356.2 | 1354.6 | 1353.1 |
| 155°   | 1387.0 | 1388.5 | 1388.2 | 1386.2 | 1384.4 | 1382.5 | 1380.6 |
| 157.5° | 1411.6 | 1413.2 | 1413.1 | 1411.3 | 1409.4 | 1407.5 | 1405.6 |
| 160°   | 1425.6 | 1427.0 | 1426.9 | 1425.3 | 1423.6 | 1422.0 | 1420.3 |
| 162.5° | 1439.1 | 1440.8 | 1440.5 | 1438.5 | 1436.4 | 1434.3 | 1432.3 |
| 165°   | 1455.3 | 1457.0 | 1457.0 | 1455.3 | 1453.7 | 1452.0 | 1450.4 |
| 167.5° | 1468.8 | 1470.6 | 1470.3 | 1468.1 | 1466.0 | 1463.9 | 1461.7 |
| 170°   | 1475.7 | 1477.4 | 1477.1 | 1475.0 | 1472.9 | 1470.8 | 1468.5 |
| 172.5° | 1480.9 | 1482.6 | 1482.4 | 1480.2 | 1478.0 | 1475.9 | 1473.7 |
| 175°   | 1486.5 | 1488.1 | 1487.8 | 1485.4 | 1483.0 | 1480.7 | 1478.2 |
| 177.5° | 1486.7 | 1488.1 | 1487.9 | 1486.2 | 1484.5 | 1482.8 | 1481.1 |
| 180°   | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 | 1483.6 |

(END OF REPORT)