

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: P331797-840

Luminaire Tested: **S122RDIW-S485D1240U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331797-840  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122RDIW-S485D1240U840-4F0-1E-UDD-A  
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 485 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1240 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

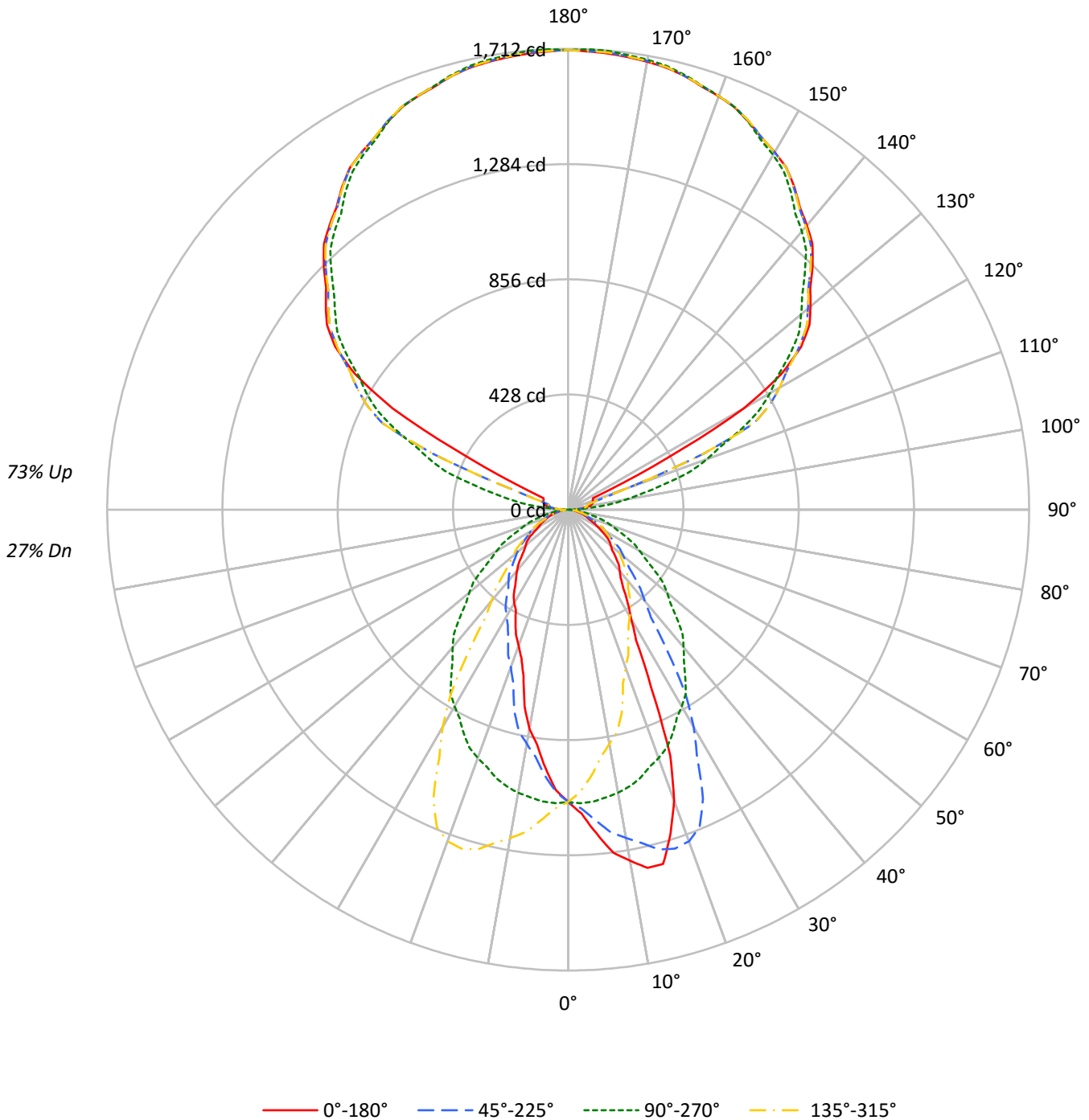
Lumens per Lamp: N/A  
Luminaire Lumens: 6883.0 lumens  
Efficiency: N/A  
Efficacy: 127.9 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Indirect  
  
Input Watts (W): 53.8  
Input Voltage (V): 120  
Input Current (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: P331797-840

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### Luminous Intensity Polar Plot





TEST NUMBER: P331797-840

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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 | 91 | 91 | 91 | 91 | 71 | 71 | 71 | 52 | 52 | 52 | 35 | 35 | 35 | 27 |
| 1   | 93  | 89  | 85  | 82  | 83 | 80 | 77 | 74 | 62 | 60 | 59 | 46 | 45 | 44 | 32 | 31 | 31 | 24 |
| 2   | 85  | 78  | 73  | 68  | 76 | 70 | 65 | 61 | 55 | 52 | 49 | 41 | 39 | 38 | 28 | 27 | 26 | 21 |
| 3   | 78  | 69  | 62  | 57  | 69 | 62 | 56 | 52 | 49 | 45 | 42 | 37 | 34 | 32 | 26 | 24 | 23 | 18 |
| 4   | 71  | 61  | 54  | 48  | 64 | 55 | 49 | 44 | 44 | 39 | 36 | 33 | 30 | 28 | 23 | 22 | 20 | 16 |
| 5   | 66  | 55  | 47  | 42  | 59 | 49 | 43 | 38 | 39 | 35 | 31 | 30 | 27 | 24 | 21 | 19 | 18 | 14 |
| 6   | 61  | 49  | 42  | 36  | 54 | 45 | 38 | 33 | 36 | 31 | 27 | 27 | 24 | 22 | 19 | 17 | 16 | 13 |
| 7   | 56  | 44  | 37  | 32  | 50 | 40 | 34 | 29 | 32 | 28 | 24 | 25 | 22 | 19 | 18 | 16 | 14 | 12 |
| 8   | 52  | 40  | 33  | 28  | 46 | 37 | 30 | 26 | 29 | 25 | 22 | 23 | 20 | 17 | 16 | 15 | 13 | 10 |
| 9   | 48  | 37  | 30  | 25  | 43 | 33 | 27 | 23 | 27 | 23 | 19 | 21 | 18 | 16 | 15 | 13 | 12 | 10 |
| 10  | 45  | 34  | 27  | 22  | 40 | 31 | 25 | 21 | 25 | 21 | 17 | 19 | 16 | 14 | 14 | 12 | 11 | 9  |

**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  | 1.5       |
| 10°-20°   | 286.7  | 4.2       |
| 20°-30°   | 369.4  | 5.4       |
| 30°-40°   | 351.1  | 5.1       |
| 40°-50°   | 300.7  | 4.4       |
| 50°-60°   | 229.0  | 3.3       |
| 60°-70°   | 144.8  | 2.1       |
| 70°-80°   | 72.3   | 1.1       |
| 80°-90°   | 23.0   | 0.3       |
| 90°-100°  | 56.9   | 0.8       |
| 100°-110° | 208.8  | 3.0       |
| 110°-120° | 558.2  | 8.1       |
| 120°-130° | 921.5  | 13.4      |
| 130°-140° | 980.0  | 14.2      |
| 140°-150° | 910.9  | 13.2      |
| 150°-160° | 732.3  | 10.6      |
| 160°-170° | 471.9  | 6.9       |
| 170°-180° | 162.4  | 2.4       |
| 0°-30°    | 759.0  | 11.0      |
| 0°-40°    | 1110.1 | 16.1      |
| 0°-60°    | 1639.8 | 23.8      |
| 0°-90°    | 1879.9 | 27.3      |
| 90°-120°  | 824.0  | 12.0      |
| 90°-150°  | 3636.4 | 52.8      |
| 90°-180°  | 5003.0 | 72.7      |
| 0°-180°   | 6883.0 | 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°  | 33   | 1    | 33   | 1    | 33   | 15   |
| 95°  | 53   | 80   | 53   | 80   | 53   | 50   |
| 105° | 94   | 376  | 94   | 376  | 94   | 98   |
| 115° | 101  | 710  | 101  | 710  | 101  | 254  |
| 125° | 1056 | 1004 | 1056 | 1004 | 1056 | 914  |
| 135° | 1284 | 1243 | 1284 | 1243 | 1284 | 989  |
| 145° | 1464 | 1442 | 1464 | 1442 | 1464 | 915  |
| 155° | 1589 | 1587 | 1589 | 1587 | 1589 | 733  |
| 165° | 1669 | 1673 | 1669 | 1673 | 1669 | 471  |
| 175° | 1701 | 1711 | 1701 | 1711 | 1701 | 162  |
| 180° | 1707 | 1707 | 1707 | 1707 | 1707 |      |



TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-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°  | 11.5   | 11.7   | 11.6   | 11.5   | 11.3   | 11.2   | 10.9   | 10.9   | 10.3   | 10.4   | 9.6    |
| 90°    | 33.3   | 32.8   | 32.2   | 31.7   | 31.2   | 30.2   | 28.8   | 27.5   | 26.1   | 24.7   | 22.5   |
| 92.5°  | 33.3   | 33.0   | 32.7   | 32.3   | 32.0   | 31.5   | 30.8   | 30.1   | 29.4   | 28.7   | 27.6   |
| 95°    | 53.1   | 53.4   | 53.6   | 53.9   | 54.2   | 53.6   | 52.3   | 50.9   | 49.6   | 48.2   | 46.3   |
| 97.5°  | 70.9   | 70.6   | 70.3   | 69.9   | 69.6   | 68.9   | 67.8   | 66.7   | 65.5   | 64.5   | 60.1   |
| 100°   | 82.8   | 82.2   | 81.7   | 81.1   | 80.6   | 79.2   | 77.0   | 74.8   | 72.6   | 70.4   | 65.7   |
| 102.5° | 88.7   | 88.0   | 87.2   | 86.3   | 85.6   | 83.8   | 81.0   | 78.1   | 75.2   | 72.4   | 111.4  |
| 105°   | 93.9   | 92.8   | 91.7   | 90.6   | 89.5   | 87.5   | 84.4   | 81.4   | 78.4   | 75.3   | 150.3  |
| 107.5° | 96.6   | 95.5   | 94.4   | 93.3   | 92.2   | 93.2   | 96.2   | 99.4   | 102.4  | 105.5  | 195.4  |
| 110°   | 97.6   | 96.5   | 95.4   | 94.3   | 93.2   | 106.3  | 133.8  | 161.3  | 188.7  | 216.2  | 295.5  |



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CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 98.6   | 97.7   | 96.8   | 95.9   | 95.0   | 144.7  | 244.9  | 345.0  | 445.1  | 545.2  | 564.9  |
| 115°   | 101.3  | 121.1  | 140.9  | 160.6  | 180.4  | 253.8  | 380.9  | 508.0  | 635.1  | 762.2  | 755.4  |
| 117.5° | 413.5  | 478.6  | 543.5  | 608.4  | 673.4  | 721.2  | 751.9  | 782.7  | 813.4  | 844.2  | 839.5  |
| 120°   | 753.6  | 790.6  | 827.7  | 864.7  | 901.8  | 918.7  | 915.3  | 912.1  | 908.8  | 905.4  | 900.6  |
| 122.5° | 940.3  | 947.6  | 954.7  | 961.9  | 969.1  | 971.7  | 969.8  | 967.8  | 965.7  | 963.8  | 958.5  |
| 125°   | 1056.2 | 1055.4 | 1054.6 | 1053.7 | 1052.9 | 1051.6 | 1049.7 | 1047.7 | 1045.8 | 1043.9 | 1038.6 |
| 127.5° | 1129.3 | 1129.1 | 1129.0 | 1128.8 | 1128.7 | 1127.2 | 1124.4 | 1121.6 | 1118.8 | 1116.0 | 1112.1 |
| 130°   | 1174.8 | 1175.1 | 1175.4 | 1175.6 | 1175.9 | 1174.5 | 1171.5 | 1168.5 | 1165.5 | 1162.5 | 1159.4 |
| 132.5° | 1219.3 | 1219.5 | 1219.8 | 1220.1 | 1220.3 | 1219.2 | 1216.6 | 1214.1 | 1211.4 | 1208.9 | 1205.9 |
| 135°   | 1283.5 | 1284.0 | 1284.6 | 1285.2 | 1285.7 | 1284.6 | 1281.8 | 1279.1 | 1276.4 | 1273.6 | 1271.1 |
| 137.5° | 1342.0 | 1343.0 | 1343.9 | 1344.8 | 1345.7 | 1344.9 | 1342.2 | 1339.5 | 1336.9 | 1334.1 | 1331.3 |
| 140°   | 1378.7 | 1380.0 | 1381.4 | 1382.7 | 1384.1 | 1383.6 | 1381.1 | 1378.7 | 1376.1 | 1373.7 | 1370.7 |
| 142.5° | 1414.2 | 1415.5 | 1416.9 | 1418.4 | 1419.7 | 1419.3 | 1417.0 | 1414.7 | 1412.5 | 1410.3 | 1406.7 |
| 145°   | 1463.9 | 1465.2 | 1466.6 | 1467.9 | 1469.4 | 1469.1 | 1467.1 | 1465.2 | 1463.3 | 1461.4 | 1456.7 |
| 147.5° | 1507.6 | 1508.7 | 1509.8 | 1511.1 | 1512.2 | 1512.1 | 1510.7 | 1509.2 | 1507.8 | 1506.3 | 1501.8 |
| 150°   | 1534.3 | 1535.6 | 1537.0 | 1538.4 | 1539.7 | 1539.6 | 1538.0 | 1536.3 | 1534.7 | 1533.1 | 1528.6 |
| 152.5° | 1557.0 | 1558.8 | 1560.6 | 1562.5 | 1564.3 | 1564.4 | 1562.7 | 1561.0 | 1559.4 | 1557.7 | 1553.6 |
| 155°   | 1588.6 | 1590.8 | 1593.1 | 1595.2 | 1597.4 | 1597.7 | 1596.1 | 1594.4 | 1592.8 | 1591.1 | 1587.8 |
| 157.5° | 1617.5 | 1619.7 | 1621.8 | 1624.0 | 1626.1 | 1626.3 | 1624.4 | 1622.6 | 1620.6 | 1618.8 | 1616.5 |
| 160°   | 1634.4 | 1636.3 | 1638.2 | 1640.1 | 1642.0 | 1642.1 | 1640.5 | 1638.9 | 1637.2 | 1635.6 | 1634.0 |
| 162.5° | 1648.2 | 1650.5 | 1652.8 | 1655.3 | 1657.6 | 1657.9 | 1656.0 | 1654.2 | 1652.2 | 1650.4 | 1649.0 |
| 165°   | 1668.9 | 1670.8 | 1672.7 | 1674.7 | 1676.6 | 1676.6 | 1674.7 | 1672.7 | 1670.8 | 1668.9 | 1668.1 |
| 167.5° | 1682.0 | 1684.5 | 1687.0 | 1689.4 | 1691.9 | 1692.1 | 1690.2 | 1688.3 | 1686.4 | 1684.5 | 1683.7 |
| 170°   | 1689.9 | 1692.4 | 1694.9 | 1697.4 | 1699.8 | 1700.1 | 1698.2 | 1696.3 | 1694.4 | 1692.4 | 1691.8 |
| 172.5° | 1695.9 | 1698.3 | 1700.8 | 1703.2 | 1705.8 | 1706.0 | 1704.0 | 1702.1 | 1700.2 | 1698.3 | 1697.8 |
| 175°   | 1701.0 | 1703.7 | 1706.6 | 1709.3 | 1712.0 | 1712.4 | 1710.5 | 1708.6 | 1706.7 | 1704.8 | 1704.2 |
| 177.5° | 1704.2 | 1706.3 | 1708.2 | 1710.2 | 1712.1 | 1712.4 | 1710.8 | 1709.3 | 1707.8 | 1706.3 | 1706.0 |
| 180°   | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 |



TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-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°  | 9.2    | 9.1    | 8.6    | 7.8    | 7.5    | 7.2    | 8.1    | 9.0    | 8.4    | 8.1    | 8.1    |
| 90°    | 20.3   | 18.1   | 16.0   | 13.3   | 10.3   | 7.3    | 4.2    | 1.2    | 4.2    | 7.3    | 10.3   |
| 92.5°  | 26.5   | 25.3   | 24.2   | 23.8   | 24.1   | 24.4   | 24.6   | 24.9   | 24.6   | 24.4   | 24.1   |
| 95°    | 44.3   | 42.4   | 40.5   | 44.0   | 53.1   | 62.2   | 71.2   | 80.3   | 71.2   | 62.2   | 53.1   |
| 97.5°  | 55.5   | 51.1   | 46.7   | 57.3   | 82.8   | 108.3  | 133.8  | 159.4  | 133.8  | 108.3  | 82.8   |
| 100°   | 61.1   | 56.5   | 51.7   | 68.3   | 105.8  | 143.4  | 181.1  | 218.6  | 181.1  | 143.4  | 105.8  |
| 102.5° | 150.5  | 189.5  | 228.5  | 252.1  | 260.0  | 267.9  | 275.9  | 283.9  | 275.9  | 267.9  | 260.0  |
| 105°   | 225.2  | 300.2  | 375.2  | 408.5  | 400.2  | 392.0  | 383.7  | 375.6  | 383.7  | 392.0  | 400.2  |
| 107.5° | 285.3  | 375.2  | 465.0  | 506.6  | 500.0  | 493.3  | 486.7  | 480.1  | 486.7  | 493.3  | 500.0  |
| 110°   | 374.9  | 454.2  | 533.5  | 570.3  | 564.5  | 558.8  | 553.0  | 547.2  | 553.0  | 558.8  | 564.5  |





TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 584.5  | 604.1  | 623.7  | 631.0  | 625.8  | 620.7  | 615.6  | 610.5  | 615.6  | 620.7  | 625.8  |
| 115°   | 748.5  | 741.6  | 734.8  | 729.0  | 724.3  | 719.6  | 715.0  | 710.3  | 715.0  | 719.6  | 724.3  |
| 117.5° | 834.8  | 830.0  | 825.4  | 820.4  | 815.2  | 809.9  | 804.8  | 799.5  | 804.8  | 809.9  | 815.2  |
| 120°   | 895.6  | 890.7  | 885.8  | 881.2  | 877.1  | 872.9  | 868.9  | 864.7  | 868.9  | 872.9  | 877.1  |
| 122.5° | 953.0  | 947.7  | 942.3  | 937.5  | 933.1  | 928.8  | 924.4  | 920.1  | 924.4  | 928.8  | 933.1  |
| 125°   | 1033.4 | 1028.2 | 1023.0 | 1018.5 | 1015.0 | 1011.5 | 1007.8 | 1004.3 | 1007.8 | 1011.5 | 1015.0 |
| 127.5° | 1108.2 | 1104.3 | 1100.4 | 1096.5 | 1092.6 | 1088.5 | 1084.6 | 1080.7 | 1084.6 | 1088.5 | 1092.6 |
| 130°   | 1156.4 | 1153.4 | 1150.3 | 1146.7 | 1142.3 | 1137.9 | 1133.5 | 1129.1 | 1133.5 | 1137.9 | 1142.3 |
| 132.5° | 1202.9 | 1199.8 | 1196.8 | 1193.5 | 1189.7 | 1186.0 | 1182.2 | 1178.5 | 1182.2 | 1186.0 | 1189.7 |
| 135°   | 1268.7 | 1266.2 | 1263.7 | 1260.3 | 1255.9 | 1251.5 | 1247.1 | 1242.7 | 1247.1 | 1251.5 | 1255.9 |
| 137.5° | 1328.6 | 1325.8 | 1322.9 | 1320.0 | 1317.0 | 1313.8 | 1310.8 | 1307.7 | 1310.8 | 1313.8 | 1317.0 |
| 140°   | 1367.7 | 1364.6 | 1361.6 | 1359.0 | 1356.8 | 1354.6 | 1352.4 | 1350.2 | 1352.4 | 1354.6 | 1356.8 |
| 142.5° | 1403.3 | 1399.9 | 1396.4 | 1393.7 | 1391.7 | 1389.8 | 1387.8 | 1385.8 | 1387.8 | 1389.8 | 1391.7 |
| 145°   | 1452.1 | 1447.4 | 1442.7 | 1440.6 | 1440.8 | 1441.1 | 1441.4 | 1441.6 | 1441.4 | 1441.1 | 1440.8 |
| 147.5° | 1497.1 | 1492.5 | 1487.9 | 1486.1 | 1487.1 | 1488.2 | 1489.2 | 1490.3 | 1489.2 | 1488.2 | 1487.1 |
| 150°   | 1524.3 | 1519.8 | 1515.5 | 1514.2 | 1516.1 | 1518.1 | 1520.0 | 1522.0 | 1520.0 | 1518.1 | 1516.1 |
| 152.5° | 1549.4 | 1545.2 | 1541.1 | 1540.0 | 1542.2 | 1544.3 | 1546.5 | 1548.6 | 1546.5 | 1544.3 | 1542.2 |
| 155°   | 1584.5 | 1581.2 | 1577.9 | 1577.5 | 1579.9 | 1582.5 | 1584.9 | 1587.4 | 1584.9 | 1582.5 | 1579.9 |
| 157.5° | 1614.2 | 1611.8 | 1609.5 | 1609.4 | 1611.5 | 1613.6 | 1615.7 | 1617.8 | 1615.7 | 1613.6 | 1611.5 |
| 160°   | 1632.2 | 1630.6 | 1629.0 | 1629.0 | 1630.6 | 1632.2 | 1634.0 | 1635.6 | 1634.0 | 1632.2 | 1630.6 |
| 162.5° | 1647.5 | 1646.1 | 1644.7 | 1644.8 | 1646.5 | 1648.1 | 1649.7 | 1651.4 | 1649.7 | 1648.1 | 1646.5 |
| 165°   | 1667.3 | 1666.5 | 1665.7 | 1666.1 | 1667.7 | 1669.3 | 1671.0 | 1672.6 | 1671.0 | 1669.3 | 1667.7 |
| 167.5° | 1682.9 | 1682.2 | 1681.4 | 1681.8 | 1683.5 | 1685.2 | 1686.8 | 1688.5 | 1686.8 | 1685.2 | 1683.5 |
| 170°   | 1691.3 | 1690.7 | 1690.2 | 1690.7 | 1692.4 | 1694.0 | 1695.7 | 1697.4 | 1695.7 | 1694.0 | 1692.4 |
| 172.5° | 1697.2 | 1696.7 | 1696.2 | 1696.7 | 1698.3 | 1700.0 | 1701.6 | 1703.2 | 1701.6 | 1700.0 | 1698.3 |
| 175°   | 1703.6 | 1703.1 | 1702.5 | 1703.2 | 1705.2 | 1707.1 | 1709.0 | 1710.9 | 1709.0 | 1707.1 | 1705.2 |
| 177.5° | 1705.8 | 1705.6 | 1705.4 | 1706.0 | 1707.6 | 1709.1 | 1710.6 | 1712.1 | 1710.6 | 1709.1 | 1707.6 |
| 180°   | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 |



TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-UDD-A

**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°  | 8.4    | 8.6    | 8.5    | 8.9    | 9.3    | 9.5    | 9.7    | 9.7    | 10.0   | 10.3   | 10.2   |
| 90°    | 13.3   | 16.0   | 18.1   | 20.3   | 22.5   | 24.7   | 26.1   | 27.5   | 28.8   | 30.2   | 31.2   |
| 92.5°  | 23.8   | 24.2   | 25.3   | 26.5   | 27.6   | 28.7   | 29.4   | 30.1   | 30.8   | 31.5   | 32.0   |
| 95°    | 44.0   | 40.5   | 42.4   | 44.3   | 46.3   | 48.2   | 49.6   | 50.9   | 52.3   | 53.6   | 54.2   |
| 97.5°  | 57.3   | 46.7   | 51.1   | 55.5   | 60.1   | 64.5   | 65.5   | 66.7   | 67.8   | 68.9   | 69.6   |
| 100°   | 68.3   | 51.7   | 56.5   | 61.1   | 65.7   | 70.4   | 72.6   | 74.8   | 77.0   | 79.2   | 80.6   |
| 102.5° | 252.1  | 228.5  | 189.5  | 150.5  | 111.4  | 72.4   | 75.2   | 78.1   | 81.0   | 83.8   | 85.6   |
| 105°   | 408.5  | 375.2  | 300.2  | 225.2  | 150.3  | 75.3   | 78.4   | 81.4   | 84.4   | 87.5   | 89.5   |
| 107.5° | 506.6  | 465.0  | 375.2  | 285.3  | 195.4  | 105.5  | 102.4  | 99.4   | 96.2   | 93.2   | 92.2   |
| 110°   | 570.3  | 533.5  | 454.2  | 374.9  | 295.5  | 216.2  | 188.7  | 161.3  | 133.8  | 106.3  | 93.2   |



TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 631.0  | 623.7  | 604.1  | 584.5  | 564.9  | 545.2  | 445.1  | 345.0  | 244.9  | 144.7  | 95.0   |
| 115°   | 729.0  | 734.8  | 741.6  | 748.5  | 755.4  | 762.2  | 635.1  | 508.0  | 380.9  | 253.8  | 180.4  |
| 117.5° | 820.4  | 825.4  | 830.0  | 834.8  | 839.5  | 844.2  | 813.4  | 782.7  | 751.9  | 721.2  | 673.4  |
| 120°   | 881.2  | 885.8  | 890.7  | 895.6  | 900.6  | 905.4  | 908.8  | 912.1  | 915.3  | 918.7  | 901.8  |
| 122.5° | 937.5  | 942.3  | 947.7  | 953.0  | 958.5  | 963.8  | 965.7  | 967.8  | 969.8  | 971.7  | 969.1  |
| 125°   | 1018.5 | 1023.0 | 1028.2 | 1033.4 | 1038.6 | 1043.9 | 1045.8 | 1047.7 | 1049.7 | 1051.6 | 1052.9 |
| 127.5° | 1096.5 | 1100.4 | 1104.3 | 1108.2 | 1112.1 | 1116.0 | 1118.8 | 1121.6 | 1124.4 | 1127.2 | 1128.7 |
| 130°   | 1146.7 | 1150.3 | 1153.4 | 1156.4 | 1159.4 | 1162.5 | 1165.5 | 1168.5 | 1171.5 | 1174.5 | 1175.9 |
| 132.5° | 1193.5 | 1196.8 | 1199.8 | 1202.9 | 1205.9 | 1208.9 | 1211.4 | 1214.1 | 1216.6 | 1219.2 | 1220.3 |
| 135°   | 1260.3 | 1263.7 | 1266.2 | 1268.7 | 1271.1 | 1273.6 | 1276.4 | 1279.1 | 1281.8 | 1284.6 | 1285.7 |
| 137.5° | 1320.0 | 1322.9 | 1325.8 | 1328.6 | 1331.3 | 1334.1 | 1336.9 | 1339.5 | 1342.2 | 1344.9 | 1345.7 |
| 140°   | 1359.0 | 1361.6 | 1364.6 | 1367.7 | 1370.7 | 1373.7 | 1376.1 | 1378.7 | 1381.1 | 1383.6 | 1384.1 |
| 142.5° | 1393.7 | 1396.4 | 1399.9 | 1403.3 | 1406.7 | 1410.3 | 1412.5 | 1414.7 | 1417.0 | 1419.3 | 1419.7 |
| 145°   | 1440.6 | 1442.7 | 1447.4 | 1452.1 | 1456.7 | 1461.4 | 1463.3 | 1465.2 | 1467.1 | 1469.1 | 1469.4 |
| 147.5° | 1486.1 | 1487.9 | 1492.5 | 1497.1 | 1501.8 | 1506.3 | 1507.8 | 1509.2 | 1510.7 | 1512.1 | 1512.2 |
| 150°   | 1514.2 | 1515.5 | 1519.8 | 1524.3 | 1528.6 | 1533.1 | 1534.7 | 1536.3 | 1538.0 | 1539.6 | 1539.7 |
| 152.5° | 1540.0 | 1541.1 | 1545.2 | 1549.4 | 1553.6 | 1557.7 | 1559.4 | 1561.0 | 1562.7 | 1564.4 | 1564.3 |
| 155°   | 1577.5 | 1577.9 | 1581.2 | 1584.5 | 1587.8 | 1591.1 | 1592.8 | 1594.4 | 1596.1 | 1597.7 | 1597.4 |
| 157.5° | 1609.4 | 1609.5 | 1611.8 | 1614.2 | 1616.5 | 1618.8 | 1620.6 | 1622.6 | 1624.4 | 1626.3 | 1626.1 |
| 160°   | 1629.0 | 1629.0 | 1630.6 | 1632.2 | 1634.0 | 1635.6 | 1637.2 | 1638.9 | 1640.5 | 1642.1 | 1642.0 |
| 162.5° | 1644.8 | 1644.7 | 1646.1 | 1647.5 | 1649.0 | 1650.4 | 1652.2 | 1654.2 | 1656.0 | 1657.9 | 1657.6 |
| 165°   | 1666.1 | 1665.7 | 1666.5 | 1667.3 | 1668.1 | 1668.9 | 1670.8 | 1672.7 | 1674.7 | 1676.6 | 1676.6 |
| 167.5° | 1681.8 | 1681.4 | 1682.2 | 1682.9 | 1683.7 | 1684.5 | 1686.4 | 1688.3 | 1690.2 | 1692.1 | 1691.9 |
| 170°   | 1690.7 | 1690.2 | 1690.7 | 1691.3 | 1691.8 | 1692.4 | 1694.4 | 1696.3 | 1698.2 | 1700.1 | 1699.8 |
| 172.5° | 1696.7 | 1696.2 | 1696.7 | 1697.2 | 1697.8 | 1698.3 | 1700.2 | 1702.1 | 1704.0 | 1706.0 | 1705.8 |
| 175°   | 1703.2 | 1702.5 | 1703.1 | 1703.6 | 1704.2 | 1704.8 | 1706.7 | 1708.6 | 1710.5 | 1712.4 | 1712.0 |
| 177.5° | 1706.0 | 1705.4 | 1705.6 | 1705.8 | 1706.0 | 1706.3 | 1707.8 | 1709.3 | 1710.8 | 1712.4 | 1712.1 |
| 180°   | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 |



TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-UDD-A

**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°  | 10.3   | 10.1   | 10.5   | 10.3   | 10.5   | 10.1   | 10.3   | 10.2   | 10.3   | 10.0   | 9.7    |
| 90°    | 31.7   | 32.2   | 32.8   | 33.3   | 32.8   | 32.2   | 31.7   | 31.2   | 30.2   | 28.8   | 27.5   |
| 92.5°  | 32.3   | 32.7   | 33.0   | 33.3   | 33.0   | 32.7   | 32.3   | 32.0   | 31.5   | 30.8   | 30.1   |
| 95°    | 53.9   | 53.6   | 53.4   | 53.1   | 53.4   | 53.6   | 53.9   | 54.2   | 53.6   | 52.3   | 50.9   |
| 97.5°  | 69.9   | 70.3   | 70.6   | 70.9   | 70.6   | 70.3   | 69.9   | 69.6   | 68.9   | 67.8   | 66.7   |
| 100°   | 81.1   | 81.7   | 82.2   | 82.8   | 82.2   | 81.7   | 81.1   | 80.6   | 79.2   | 77.0   | 74.8   |
| 102.5° | 86.3   | 87.2   | 88.0   | 88.7   | 88.0   | 87.2   | 86.3   | 85.6   | 83.8   | 81.0   | 78.1   |
| 105°   | 90.6   | 91.7   | 92.8   | 93.9   | 92.8   | 91.7   | 90.6   | 89.5   | 87.5   | 84.4   | 81.4   |
| 107.5° | 93.3   | 94.4   | 95.5   | 96.6   | 95.5   | 94.4   | 93.3   | 92.2   | 93.2   | 96.2   | 99.4   |
| 110°   | 94.3   | 95.4   | 96.5   | 97.6   | 96.5   | 95.4   | 94.3   | 93.2   | 106.3  | 133.8  | 161.3  |



TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 95.9   | 96.8   | 97.7   | 98.6   | 97.7   | 96.8   | 95.9   | 95.0   | 144.7  | 244.9  | 345.0  |
| 115°   | 160.6  | 140.9  | 121.1  | 101.3  | 121.1  | 140.9  | 160.6  | 180.4  | 253.8  | 380.9  | 508.0  |
| 117.5° | 608.4  | 543.5  | 478.6  | 413.5  | 478.6  | 543.5  | 608.4  | 673.4  | 721.2  | 751.9  | 782.7  |
| 120°   | 864.7  | 827.7  | 790.6  | 753.6  | 790.6  | 827.7  | 864.7  | 901.8  | 918.7  | 915.3  | 912.1  |
| 122.5° | 961.9  | 954.7  | 947.6  | 940.3  | 947.6  | 954.7  | 961.9  | 969.1  | 971.7  | 969.8  | 967.8  |
| 125°   | 1053.7 | 1054.6 | 1055.4 | 1056.2 | 1055.4 | 1054.6 | 1053.7 | 1052.9 | 1051.6 | 1049.7 | 1047.7 |
| 127.5° | 1128.8 | 1129.0 | 1129.1 | 1129.3 | 1129.1 | 1129.0 | 1128.8 | 1128.7 | 1127.2 | 1124.4 | 1121.6 |
| 130°   | 1175.6 | 1175.4 | 1175.1 | 1174.8 | 1175.1 | 1175.4 | 1175.6 | 1175.9 | 1174.5 | 1171.5 | 1168.5 |
| 132.5° | 1220.1 | 1219.8 | 1219.5 | 1219.3 | 1219.5 | 1219.8 | 1220.1 | 1220.3 | 1219.2 | 1216.6 | 1214.1 |
| 135°   | 1285.2 | 1284.6 | 1284.0 | 1283.5 | 1284.0 | 1284.6 | 1285.2 | 1285.7 | 1284.6 | 1281.8 | 1279.1 |
| 137.5° | 1344.8 | 1343.9 | 1343.0 | 1342.0 | 1343.0 | 1343.9 | 1344.8 | 1345.7 | 1344.9 | 1342.2 | 1339.5 |
| 140°   | 1382.7 | 1381.4 | 1380.0 | 1378.7 | 1380.0 | 1381.4 | 1382.7 | 1384.1 | 1383.6 | 1381.1 | 1378.7 |
| 142.5° | 1418.4 | 1416.9 | 1415.5 | 1414.2 | 1415.5 | 1416.9 | 1418.4 | 1419.7 | 1419.3 | 1417.0 | 1414.7 |
| 145°   | 1467.9 | 1466.6 | 1465.2 | 1463.9 | 1465.2 | 1466.6 | 1467.9 | 1469.4 | 1469.1 | 1467.1 | 1465.2 |
| 147.5° | 1511.1 | 1509.8 | 1508.7 | 1507.6 | 1508.7 | 1509.8 | 1511.1 | 1512.2 | 1512.1 | 1510.7 | 1509.2 |
| 150°   | 1538.4 | 1537.0 | 1535.6 | 1534.3 | 1535.6 | 1537.0 | 1538.4 | 1539.7 | 1539.6 | 1538.0 | 1536.3 |
| 152.5° | 1562.5 | 1560.6 | 1558.8 | 1557.0 | 1558.8 | 1560.6 | 1562.5 | 1564.3 | 1564.4 | 1562.7 | 1561.0 |
| 155°   | 1595.2 | 1593.1 | 1590.8 | 1588.6 | 1590.8 | 1593.1 | 1595.2 | 1597.4 | 1597.7 | 1596.1 | 1594.4 |
| 157.5° | 1624.0 | 1621.8 | 1619.7 | 1617.5 | 1619.7 | 1621.8 | 1624.0 | 1626.1 | 1626.3 | 1624.4 | 1622.6 |
| 160°   | 1640.1 | 1638.2 | 1636.3 | 1634.4 | 1636.3 | 1638.2 | 1640.1 | 1642.0 | 1642.1 | 1640.5 | 1638.9 |
| 162.5° | 1655.3 | 1652.8 | 1650.5 | 1648.2 | 1650.5 | 1652.8 | 1655.3 | 1657.6 | 1657.9 | 1656.0 | 1654.2 |
| 165°   | 1674.7 | 1672.7 | 1670.8 | 1668.9 | 1670.8 | 1672.7 | 1674.7 | 1676.6 | 1676.6 | 1674.7 | 1672.7 |
| 167.5° | 1689.4 | 1687.0 | 1684.5 | 1682.0 | 1684.5 | 1687.0 | 1689.4 | 1691.9 | 1692.1 | 1690.2 | 1688.3 |
| 170°   | 1697.4 | 1694.9 | 1692.4 | 1689.9 | 1692.4 | 1694.9 | 1697.4 | 1699.8 | 1700.1 | 1698.2 | 1696.3 |
| 172.5° | 1703.2 | 1700.8 | 1698.3 | 1695.9 | 1698.3 | 1700.8 | 1703.2 | 1705.8 | 1706.0 | 1704.0 | 1702.1 |
| 175°   | 1709.3 | 1706.6 | 1703.7 | 1701.0 | 1703.7 | 1706.6 | 1709.3 | 1712.0 | 1712.4 | 1710.5 | 1708.6 |
| 177.5° | 1710.2 | 1708.2 | 1706.3 | 1704.2 | 1706.3 | 1708.2 | 1710.2 | 1712.1 | 1712.4 | 1710.8 | 1709.3 |
| 180°   | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 |



TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-UDD-A

**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°  | 9.7    | 9.5    | 9.3    | 8.9    | 8.5    | 8.6    | 8.4    | 8.1    | 8.1    | 8.4    | 9.0    |
| 90°    | 26.1   | 24.7   | 22.5   | 20.3   | 18.1   | 16.0   | 13.3   | 10.3   | 7.3    | 4.2    | 1.2    |
| 92.5°  | 29.4   | 28.7   | 27.6   | 26.5   | 25.3   | 24.2   | 23.8   | 24.1   | 24.4   | 24.6   | 24.9   |
| 95°    | 49.6   | 48.2   | 46.3   | 44.3   | 42.4   | 40.5   | 44.0   | 53.1   | 62.2   | 71.2   | 80.3   |
| 97.5°  | 65.5   | 64.5   | 60.1   | 55.5   | 51.1   | 46.7   | 57.3   | 82.8   | 108.3  | 133.8  | 159.4  |
| 100°   | 72.6   | 70.4   | 65.7   | 61.1   | 56.5   | 51.7   | 68.3   | 105.8  | 143.4  | 181.1  | 218.6  |
| 102.5° | 75.2   | 72.4   | 111.4  | 150.5  | 189.5  | 228.5  | 252.1  | 260.0  | 267.9  | 275.9  | 283.9  |
| 105°   | 78.4   | 75.3   | 150.3  | 225.2  | 300.2  | 375.2  | 408.5  | 400.2  | 392.0  | 383.7  | 375.6  |
| 107.5° | 102.4  | 105.5  | 195.4  | 285.3  | 375.2  | 465.0  | 506.6  | 500.0  | 493.3  | 486.7  | 480.1  |
| 110°   | 188.7  | 216.2  | 295.5  | 374.9  | 454.2  | 533.5  | 570.3  | 564.5  | 558.8  | 553.0  | 547.2  |



TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 445.1  | 545.2  | 564.9  | 584.5  | 604.1  | 623.7  | 631.0  | 625.8  | 620.7  | 615.6  | 610.5  |
| 115°   | 635.1  | 762.2  | 755.4  | 748.5  | 741.6  | 734.8  | 729.0  | 724.3  | 719.6  | 715.0  | 710.3  |
| 117.5° | 813.4  | 844.2  | 839.5  | 834.8  | 830.0  | 825.4  | 820.4  | 815.2  | 809.9  | 804.8  | 799.5  |
| 120°   | 908.8  | 905.4  | 900.6  | 895.6  | 890.7  | 885.8  | 881.2  | 877.1  | 872.9  | 868.9  | 864.7  |
| 122.5° | 965.7  | 963.8  | 958.5  | 953.0  | 947.7  | 942.3  | 937.5  | 933.1  | 928.8  | 924.4  | 920.1  |
| 125°   | 1045.8 | 1043.9 | 1038.6 | 1033.4 | 1028.2 | 1023.0 | 1018.5 | 1015.0 | 1011.5 | 1007.8 | 1004.3 |
| 127.5° | 1118.8 | 1116.0 | 1112.1 | 1108.2 | 1104.3 | 1100.4 | 1096.5 | 1092.6 | 1088.5 | 1084.6 | 1080.7 |
| 130°   | 1165.5 | 1162.5 | 1159.4 | 1156.4 | 1153.4 | 1150.3 | 1146.7 | 1142.3 | 1137.9 | 1133.5 | 1129.1 |
| 132.5° | 1211.4 | 1208.9 | 1205.9 | 1202.9 | 1199.8 | 1196.8 | 1193.5 | 1189.7 | 1186.0 | 1182.2 | 1178.5 |
| 135°   | 1276.4 | 1273.6 | 1271.1 | 1268.7 | 1266.2 | 1263.7 | 1260.3 | 1255.9 | 1251.5 | 1247.1 | 1242.7 |
| 137.5° | 1336.9 | 1334.1 | 1331.3 | 1328.6 | 1325.8 | 1322.9 | 1320.0 | 1317.0 | 1313.8 | 1310.8 | 1307.7 |
| 140°   | 1376.1 | 1373.7 | 1370.7 | 1367.7 | 1364.6 | 1361.6 | 1359.0 | 1356.8 | 1354.6 | 1352.4 | 1350.2 |
| 142.5° | 1412.5 | 1410.3 | 1406.7 | 1403.3 | 1399.9 | 1396.4 | 1393.7 | 1391.7 | 1389.8 | 1387.8 | 1385.8 |
| 145°   | 1463.3 | 1461.4 | 1456.7 | 1452.1 | 1447.4 | 1442.7 | 1440.6 | 1440.8 | 1441.1 | 1441.4 | 1441.6 |
| 147.5° | 1507.8 | 1506.3 | 1501.8 | 1497.1 | 1492.5 | 1487.9 | 1486.1 | 1487.1 | 1488.2 | 1489.2 | 1490.3 |
| 150°   | 1534.7 | 1533.1 | 1528.6 | 1524.3 | 1519.8 | 1515.5 | 1514.2 | 1516.1 | 1518.1 | 1520.0 | 1522.0 |
| 152.5° | 1559.4 | 1557.7 | 1553.6 | 1549.4 | 1545.2 | 1541.1 | 1540.0 | 1542.2 | 1544.3 | 1546.5 | 1548.6 |
| 155°   | 1592.8 | 1591.1 | 1587.8 | 1584.5 | 1581.2 | 1577.9 | 1577.5 | 1579.9 | 1582.5 | 1584.9 | 1587.4 |
| 157.5° | 1620.6 | 1618.8 | 1616.5 | 1614.2 | 1611.8 | 1609.5 | 1609.4 | 1611.5 | 1613.6 | 1615.7 | 1617.8 |
| 160°   | 1637.2 | 1635.6 | 1634.0 | 1632.2 | 1630.6 | 1629.0 | 1629.0 | 1630.6 | 1632.2 | 1634.0 | 1635.6 |
| 162.5° | 1652.2 | 1650.4 | 1649.0 | 1647.5 | 1646.1 | 1644.7 | 1644.8 | 1646.5 | 1648.1 | 1649.7 | 1651.4 |
| 165°   | 1670.8 | 1668.9 | 1668.1 | 1667.3 | 1666.5 | 1665.7 | 1666.1 | 1667.7 | 1669.3 | 1671.0 | 1672.6 |
| 167.5° | 1686.4 | 1684.5 | 1683.7 | 1682.9 | 1682.2 | 1681.4 | 1681.8 | 1683.5 | 1685.2 | 1686.8 | 1688.5 |
| 170°   | 1694.4 | 1692.4 | 1691.8 | 1691.3 | 1690.7 | 1690.2 | 1690.7 | 1692.4 | 1694.0 | 1695.7 | 1697.4 |
| 172.5° | 1700.2 | 1698.3 | 1697.8 | 1697.2 | 1696.7 | 1696.2 | 1696.7 | 1698.3 | 1700.0 | 1701.6 | 1703.2 |
| 175°   | 1706.7 | 1704.8 | 1704.2 | 1703.6 | 1703.1 | 1702.5 | 1703.2 | 1705.2 | 1707.1 | 1709.0 | 1710.9 |
| 177.5° | 1707.8 | 1706.3 | 1706.0 | 1705.8 | 1705.6 | 1705.4 | 1706.0 | 1707.6 | 1709.1 | 1710.6 | 1712.1 |
| 180°   | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 |



TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-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°  | 8.1    | 7.2    | 7.5    | 7.8    | 8.6    | 9.1    | 9.2    | 9.6    | 10.4   | 10.3   | 10.9   |
| 90°    | 4.2    | 7.3    | 10.3   | 13.3   | 16.0   | 18.1   | 20.3   | 22.5   | 24.7   | 26.1   | 27.5   |
| 92.5°  | 24.6   | 24.4   | 24.1   | 23.8   | 24.2   | 25.3   | 26.5   | 27.6   | 28.7   | 29.4   | 30.1   |
| 95°    | 71.2   | 62.2   | 53.1   | 44.0   | 40.5   | 42.4   | 44.3   | 46.3   | 48.2   | 49.6   | 50.9   |
| 97.5°  | 133.8  | 108.3  | 82.8   | 57.3   | 46.7   | 51.1   | 55.5   | 60.1   | 64.5   | 65.5   | 66.7   |
| 100°   | 181.1  | 143.4  | 105.8  | 68.3   | 51.7   | 56.5   | 61.1   | 65.7   | 70.4   | 72.6   | 74.8   |
| 102.5° | 275.9  | 267.9  | 260.0  | 252.1  | 228.5  | 189.5  | 150.5  | 111.4  | 72.4   | 75.2   | 78.1   |
| 105°   | 383.7  | 392.0  | 400.2  | 408.5  | 375.2  | 300.2  | 225.2  | 150.3  | 75.3   | 78.4   | 81.4   |
| 107.5° | 486.7  | 493.3  | 500.0  | 506.6  | 465.0  | 375.2  | 285.3  | 195.4  | 105.5  | 102.4  | 99.4   |
| 110°   | 553.0  | 558.8  | 564.5  | 570.3  | 533.5  | 454.2  | 374.9  | 295.5  | 216.2  | 188.7  | 161.3  |





TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 615.6  | 620.7  | 625.8  | 631.0  | 623.7  | 604.1  | 584.5  | 564.9  | 545.2  | 445.1  | 345.0  |
| 115°   | 715.0  | 719.6  | 724.3  | 729.0  | 734.8  | 741.6  | 748.5  | 755.4  | 762.2  | 635.1  | 508.0  |
| 117.5° | 804.8  | 809.9  | 815.2  | 820.4  | 825.4  | 830.0  | 834.8  | 839.5  | 844.2  | 813.4  | 782.7  |
| 120°   | 868.9  | 872.9  | 877.1  | 881.2  | 885.8  | 890.7  | 895.6  | 900.6  | 905.4  | 908.8  | 912.1  |
| 122.5° | 924.4  | 928.8  | 933.1  | 937.5  | 942.3  | 947.7  | 953.0  | 958.5  | 963.8  | 965.7  | 967.8  |
| 125°   | 1007.8 | 1011.5 | 1015.0 | 1018.5 | 1023.0 | 1028.2 | 1033.4 | 1038.6 | 1043.9 | 1045.8 | 1047.7 |
| 127.5° | 1084.6 | 1088.5 | 1092.6 | 1096.5 | 1100.4 | 1104.3 | 1108.2 | 1112.1 | 1116.0 | 1118.8 | 1121.6 |
| 130°   | 1133.5 | 1137.9 | 1142.3 | 1146.7 | 1150.3 | 1153.4 | 1156.4 | 1159.4 | 1162.5 | 1165.5 | 1168.5 |
| 132.5° | 1182.2 | 1186.0 | 1189.7 | 1193.5 | 1196.8 | 1199.8 | 1202.9 | 1205.9 | 1208.9 | 1211.4 | 1214.1 |
| 135°   | 1247.1 | 1251.5 | 1255.9 | 1260.3 | 1263.7 | 1266.2 | 1268.7 | 1271.1 | 1273.6 | 1276.4 | 1279.1 |
| 137.5° | 1310.8 | 1313.8 | 1317.0 | 1320.0 | 1322.9 | 1325.8 | 1328.6 | 1331.3 | 1334.1 | 1336.9 | 1339.5 |
| 140°   | 1352.4 | 1354.6 | 1356.8 | 1359.0 | 1361.6 | 1364.6 | 1367.7 | 1370.7 | 1373.7 | 1376.1 | 1378.7 |
| 142.5° | 1387.8 | 1389.8 | 1391.7 | 1393.7 | 1396.4 | 1399.9 | 1403.3 | 1406.7 | 1410.3 | 1412.5 | 1414.7 |
| 145°   | 1441.4 | 1441.1 | 1440.8 | 1440.6 | 1442.7 | 1447.4 | 1452.1 | 1456.7 | 1461.4 | 1463.3 | 1465.2 |
| 147.5° | 1489.2 | 1488.2 | 1487.1 | 1486.1 | 1487.9 | 1492.5 | 1497.1 | 1501.8 | 1506.3 | 1507.8 | 1509.2 |
| 150°   | 1520.0 | 1518.1 | 1516.1 | 1514.2 | 1515.5 | 1519.8 | 1524.3 | 1528.6 | 1533.1 | 1534.7 | 1536.3 |
| 152.5° | 1546.5 | 1544.3 | 1542.2 | 1540.0 | 1541.1 | 1545.2 | 1549.4 | 1553.6 | 1557.7 | 1559.4 | 1561.0 |
| 155°   | 1584.9 | 1582.5 | 1579.9 | 1577.5 | 1577.9 | 1581.2 | 1584.5 | 1587.8 | 1591.1 | 1592.8 | 1594.4 |
| 157.5° | 1615.7 | 1613.6 | 1611.5 | 1609.4 | 1609.5 | 1611.8 | 1614.2 | 1616.5 | 1618.8 | 1620.6 | 1622.6 |
| 160°   | 1634.0 | 1632.2 | 1630.6 | 1629.0 | 1629.0 | 1630.6 | 1632.2 | 1634.0 | 1635.6 | 1637.2 | 1638.9 |
| 162.5° | 1649.7 | 1648.1 | 1646.5 | 1644.8 | 1644.7 | 1646.1 | 1647.5 | 1649.0 | 1650.4 | 1652.2 | 1654.2 |
| 165°   | 1671.0 | 1669.3 | 1667.7 | 1666.1 | 1665.7 | 1666.5 | 1667.3 | 1668.1 | 1668.9 | 1670.8 | 1672.7 |
| 167.5° | 1686.8 | 1685.2 | 1683.5 | 1681.8 | 1681.4 | 1682.2 | 1682.9 | 1683.7 | 1684.5 | 1686.4 | 1688.3 |
| 170°   | 1695.7 | 1694.0 | 1692.4 | 1690.7 | 1690.2 | 1690.7 | 1691.3 | 1691.8 | 1692.4 | 1694.4 | 1696.3 |
| 172.5° | 1701.6 | 1700.0 | 1698.3 | 1696.7 | 1696.2 | 1696.7 | 1697.2 | 1697.8 | 1698.3 | 1700.2 | 1702.1 |
| 175°   | 1709.0 | 1707.1 | 1705.2 | 1703.2 | 1702.5 | 1703.1 | 1703.6 | 1704.2 | 1704.8 | 1706.7 | 1708.6 |
| 177.5° | 1710.6 | 1709.1 | 1707.6 | 1706.0 | 1705.4 | 1705.6 | 1705.8 | 1706.0 | 1706.3 | 1707.8 | 1709.3 |
| 180°   | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 |



TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-UDD-A

**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°  | 10.9   | 11.2   | 11.3   | 11.5   | 11.6   | 11.7   | 11.5   |
| 90°    | 28.8   | 30.2   | 31.2   | 31.7   | 32.2   | 32.8   | 33.3   |
| 92.5°  | 30.8   | 31.5   | 32.0   | 32.3   | 32.7   | 33.0   | 33.3   |
| 95°    | 52.3   | 53.6   | 54.2   | 53.9   | 53.6   | 53.4   | 53.1   |
| 97.5°  | 67.8   | 68.9   | 69.6   | 69.9   | 70.3   | 70.6   | 70.9   |
| 100°   | 77.0   | 79.2   | 80.6   | 81.1   | 81.7   | 82.2   | 82.8   |
| 102.5° | 81.0   | 83.8   | 85.6   | 86.3   | 87.2   | 88.0   | 88.7   |
| 105°   | 84.4   | 87.5   | 89.5   | 90.6   | 91.7   | 92.8   | 93.9   |
| 107.5° | 96.2   | 93.2   | 92.2   | 93.3   | 94.4   | 95.5   | 96.6   |
| 110°   | 133.8  | 106.3  | 93.2   | 94.3   | 95.4   | 96.5   | 97.6   |



TEST NUMBER: P331797-840

CATALOG NUMBER: S122RDIW-S485D1240U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 244.9  | 144.7  | 95.0   | 95.9   | 96.8   | 97.7   | 98.6   |
| 115°   | 380.9  | 253.8  | 180.4  | 160.6  | 140.9  | 121.1  | 101.3  |
| 117.5° | 751.9  | 721.2  | 673.4  | 608.4  | 543.5  | 478.6  | 413.5  |
| 120°   | 915.3  | 918.7  | 901.8  | 864.7  | 827.7  | 790.6  | 753.6  |
| 122.5° | 969.8  | 971.7  | 969.1  | 961.9  | 954.7  | 947.6  | 940.3  |
| 125°   | 1049.7 | 1051.6 | 1052.9 | 1053.7 | 1054.6 | 1055.4 | 1056.2 |
| 127.5° | 1124.4 | 1127.2 | 1128.7 | 1128.8 | 1129.0 | 1129.1 | 1129.3 |
| 130°   | 1171.5 | 1174.5 | 1175.9 | 1175.6 | 1175.4 | 1175.1 | 1174.8 |
| 132.5° | 1216.6 | 1219.2 | 1220.3 | 1220.1 | 1219.8 | 1219.5 | 1219.3 |
| 135°   | 1281.8 | 1284.6 | 1285.7 | 1285.2 | 1284.6 | 1284.0 | 1283.5 |
| 137.5° | 1342.2 | 1344.9 | 1345.7 | 1344.8 | 1343.9 | 1343.0 | 1342.0 |
| 140°   | 1381.1 | 1383.6 | 1384.1 | 1382.7 | 1381.4 | 1380.0 | 1378.7 |
| 142.5° | 1417.0 | 1419.3 | 1419.7 | 1418.4 | 1416.9 | 1415.5 | 1414.2 |
| 145°   | 1467.1 | 1469.1 | 1469.4 | 1467.9 | 1466.6 | 1465.2 | 1463.9 |
| 147.5° | 1510.7 | 1512.1 | 1512.2 | 1511.1 | 1509.8 | 1508.7 | 1507.6 |
| 150°   | 1538.0 | 1539.6 | 1539.7 | 1538.4 | 1537.0 | 1535.6 | 1534.3 |
| 152.5° | 1562.7 | 1564.4 | 1564.3 | 1562.5 | 1560.6 | 1558.8 | 1557.0 |
| 155°   | 1596.1 | 1597.7 | 1597.4 | 1595.2 | 1593.1 | 1590.8 | 1588.6 |
| 157.5° | 1624.4 | 1626.3 | 1626.1 | 1624.0 | 1621.8 | 1619.7 | 1617.5 |
| 160°   | 1640.5 | 1642.1 | 1642.0 | 1640.1 | 1638.2 | 1636.3 | 1634.4 |
| 162.5° | 1656.0 | 1657.9 | 1657.6 | 1655.3 | 1652.8 | 1650.5 | 1648.2 |
| 165°   | 1674.7 | 1676.6 | 1676.6 | 1674.7 | 1672.7 | 1670.8 | 1668.9 |
| 167.5° | 1690.2 | 1692.1 | 1691.9 | 1689.4 | 1687.0 | 1684.5 | 1682.0 |
| 170°   | 1698.2 | 1700.1 | 1699.8 | 1697.4 | 1694.9 | 1692.4 | 1689.9 |
| 172.5° | 1704.0 | 1706.0 | 1705.8 | 1703.2 | 1700.8 | 1698.3 | 1695.9 |
| 175°   | 1710.5 | 1712.4 | 1712.0 | 1709.3 | 1706.6 | 1703.7 | 1701.0 |
| 177.5° | 1710.8 | 1712.4 | 1712.1 | 1710.2 | 1708.2 | 1706.3 | 1704.2 |
| 180°   | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 | 1707.2 |

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