

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1032383

Luminaire Tested: S123RDIW-B775D1030UB50-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1032383  
REPORT IS A COMBINATION OF REPORTS P994638 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDIW-B775D1030UB50-4F0-XX-W2A-A1  
Description: Define 3 Regressed Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015}  
{m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

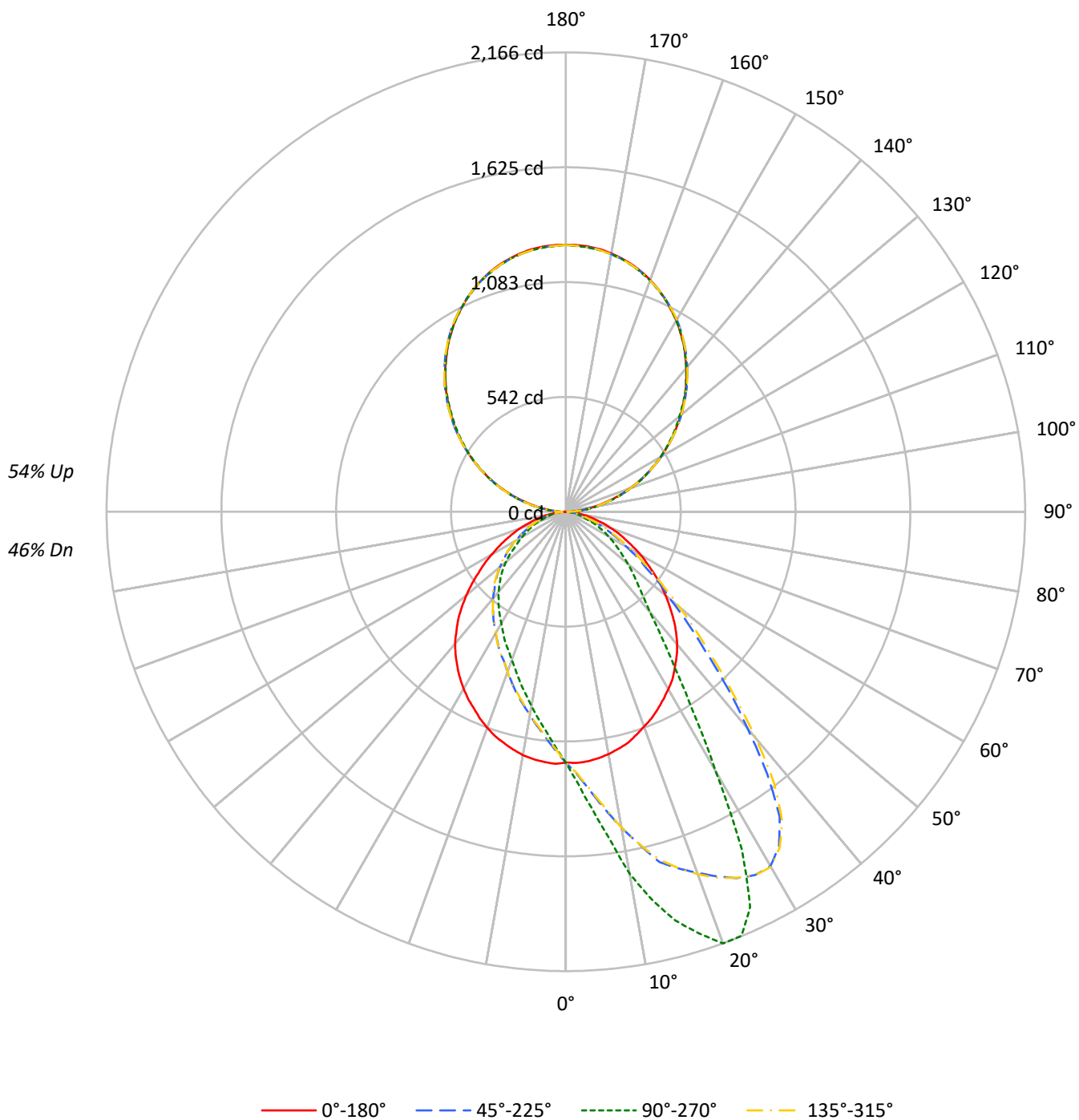
Lumens per Lamp: N/A  
Luminaire Lumens: 6432.0 lumens  
Efficiency: N/A  
Efficacy: 95.4 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 67.4  
Input Voltage (V):  
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: 24 FT

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### Luminous Intensity Polar Plot



TEST NUMBER: P1032383

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    |    | 50 |    |    |    |    | 30 |    |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 81 | 81 | 81 | 66 | 66 | 66 | 52 | 52 | 52 | 46 |    |    |
| 1   | 97  | 93  | 90  | 86  | 89 | 86 | 83 | 80 | 72 | 70 | 68 | 59 | 57 | 56 | 47 | 46 | 45 | 40 |    |    |
| 2   | 89  | 82  | 76  | 71  | 82 | 76 | 71 | 66 | 64 | 60 | 57 | 52 | 50 | 48 | 42 | 40 | 39 | 34 |    |    |
| 3   | 82  | 73  | 66  | 60  | 75 | 67 | 61 | 56 | 56 | 52 | 48 | 47 | 44 | 41 | 38 | 36 | 34 | 30 |    |    |
| 4   | 75  | 65  | 57  | 51  | 69 | 60 | 53 | 48 | 51 | 46 | 42 | 42 | 38 | 35 | 34 | 32 | 29 | 26 |    |    |
| 5   | 69  | 58  | 50  | 44  | 63 | 53 | 47 | 41 | 45 | 40 | 36 | 38 | 34 | 31 | 31 | 28 | 26 | 23 |    |    |
| 6   | 64  | 52  | 44  | 39  | 58 | 48 | 41 | 36 | 41 | 36 | 32 | 34 | 30 | 27 | 28 | 25 | 23 | 20 |    |    |
| 7   | 59  | 47  | 39  | 34  | 54 | 44 | 37 | 32 | 37 | 32 | 28 | 31 | 27 | 24 | 26 | 23 | 21 | 18 |    |    |
| 8   | 55  | 43  | 35  | 30  | 50 | 40 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 24 | 21 | 19 | 16 |    |    |
| 9   | 51  | 39  | 32  | 27  | 47 | 36 | 30 | 25 | 31 | 26 | 23 | 27 | 23 | 20 | 22 | 19 | 17 | 15 |    |    |
| 10  | 48  | 36  | 29  | 24  | 44 | 33 | 27 | 23 | 29 | 24 | 20 | 25 | 21 | 18 | 20 | 18 | 15 | 13 |    |    |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 12726 | 12726 | 12726 | 12726 |
| 5°  | 12736 | 14657 | 12768 | 10874 |
| 10° | 12623 | 17694 | 12679 | 9498  |
| 15° | 12494 | 20080 | 12494 | 8375  |
| 20° | 12237 | 21660 | 12306 | 7429  |
| 25° | 12050 | 20579 | 12026 | 6779  |
| 30° | 11832 | 14258 | 11807 | 6143  |
| 35° | 11569 | 9155  | 11517 | 5663  |
| 40° | 11243 | 6464  | 11186 | 5186  |
| 45° | 10674 | 5173  | 10659 | 4722  |
| 50° | 9975  | 4327  | 9942  | 4179  |
| 55° | 9188  | 3566  | 9116  | 3542  |
| 60° | 8417  | 2948  | 8334  | 3013  |
| 65° | 7513  | 2359  | 7561  | 2554  |
| 70° | 6676  | 1639  | 6856  | 2065  |
| 75° | 5660  | 1216  | 5892  | 1588  |
| 80° | 4506  | 806   | 4891  | 1191  |
| 85° | 3208  | 381   | 3496  | 740   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 16990 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 116.1  | 1.8       |
| 10°-20°   | 363.5  | 5.7       |
| 20°-30°   | 572.4  | 8.9       |
| 30°-40°   | 595.2  | 9.3       |
| 40°-50°   | 509.2  | 7.9       |
| 50°-60°   | 388.3  | 6.0       |
| 60°-70°   | 248.7  | 3.9       |
| 70°-80°   | 119.2  | 1.9       |
| 80°-90°   | 34.0   | 0.5       |
| 90°-100°  | 81.0   | 1.3       |
| 100°-110° | 245.1  | 3.8       |
| 110°-120° | 417.2  | 6.5       |
| 120°-130° | 548.9  | 8.5       |
| 130°-140° | 617.0  | 9.6       |
| 140°-150° | 606.5  | 9.4       |
| 150°-160° | 510.7  | 7.9       |
| 160°-170° | 340.0  | 5.3       |
| 170°-180° | 119.0  | 1.9       |
| 0°-30°    | 1052.0 | 16.4      |
| 0°-40°    | 1647.2 | 25.6      |
| 0°-60°    | 2544.7 | 39.6      |
| 0°-90°    | 2946.7 | 45.8      |
| 90°-120°  | 743.3  | 11.6      |
| 90°-150°  | 2515.7 | 39.1      |
| 90°-180°  | 3485.0 | 54.2      |
| 0°-180°   | 6432.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1182 | 1182 | 1182 | 1182 | 1182 |      |
| 5°   | 1181 | 1404 | 1184 | 1042 | 1181 | 112  |
| 15°  | 1129 | 1995 | 1129 | 832  | 1129 | 317  |
| 25°  | 1026 | 2056 | 1024 | 677  | 1026 | 473  |
| 35°  | 896  | 892  | 892  | 552  | 896  | 561  |
| 45°  | 719  | 476  | 718  | 434  | 719  | 553  |
| 55°  | 507  | 299  | 503  | 297  | 507  | 454  |
| 65°  | 311  | 172  | 313  | 186  | 311  | 310  |
| 75°  | 149  | 73   | 155  | 95   | 149  | 161  |
| 85°  | 33   | 17   | 36   | 33   | 33   | 37   |
| 90°  | 1    | 30   | 1    | 30   | 1    | 6    |
| 95°  | 58   | 77   | 58   | 77   | 58   | 64   |
| 105° | 222  | 235  | 222  | 235  | 222  | 238  |
| 115° | 420  | 421  | 420  | 421  | 420  | 416  |
| 125° | 615  | 608  | 615  | 608  | 615  | 548  |
| 135° | 797  | 796  | 797  | 796  | 797  | 614  |
| 145° | 967  | 967  | 967  | 967  | 967  | 604  |
| 155° | 1108 | 1106 | 1108 | 1106 | 1108 | 510  |
| 165° | 1206 | 1202 | 1206 | 1202 | 1206 | 340  |
| 175° | 1255 | 1250 | 1255 | 1250 | 1255 | 119  |
| 180° | 1258 | 1258 | 1258 | 1258 | 1258 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 |
| 2.5°   | 1185.3 | 1193.4 | 1199.5 | 1203.6 | 1213.7 | 1219.8 | 1224.8 | 1233.9 | 1233.9 | 1236.0 | 1240.0 |
| 5°     | 1181.3 | 1198.5 | 1210.6 | 1226.8 | 1248.1 | 1258.2 | 1272.4 | 1284.5 | 1301.7 | 1310.9 | 1320.0 |
| 7.5°   | 1172.2 | 1196.5 | 1221.8 | 1246.1 | 1277.5 | 1297.7 | 1311.9 | 1343.3 | 1365.5 | 1392.9 | 1414.1 |
| 10°    | 1160.0 | 1193.4 | 1225.8 | 1263.3 | 1305.8 | 1336.2 | 1357.4 | 1398.9 | 1441.4 | 1479.9 | 1512.3 |
| 12.5°  | 1144.8 | 1185.3 | 1231.9 | 1277.5 | 1337.2 | 1367.5 | 1402.0 | 1453.6 | 1514.3 | 1562.9 | 1606.4 |
| 15°    | 1128.7 | 1175.2 | 1227.9 | 1283.5 | 1358.4 | 1400.9 | 1450.5 | 1513.3 | 1581.1 | 1651.0 | 1710.7 |
| 17.5°  | 1103.3 | 1162.1 | 1220.8 | 1301.7 | 1389.8 | 1415.1 | 1457.6 | 1543.7 | 1627.7 | 1690.5 | 1763.3 |
| 20°    | 1078.0 | 1143.8 | 1217.7 | 1290.6 | 1385.8 | 1444.5 | 1484.0 | 1575.1 | 1665.1 | 1741.1 | 1810.9 |
| 22.5°  | 1054.8 | 1123.6 | 1200.5 | 1292.6 | 1381.7 | 1440.4 | 1490.0 | 1585.2 | 1689.4 | 1774.5 | 1860.5 |
| 25°    | 1026.4 | 1101.3 | 1186.4 | 1273.4 | 1381.7 | 1426.3 | 1480.9 | 1591.3 | 1701.6 | 1799.8 | 1906.1 |
| 27.5°  | 996.0  | 1072.0 | 1156.0 | 1245.1 | 1344.3 | 1410.1 | 1463.7 | 1582.1 | 1716.8 | 1822.0 | 1931.4 |
| 30°    | 965.7  | 1043.6 | 1124.6 | 1204.6 | 1315.9 | 1378.7 | 1440.4 | 1571.0 | 1724.9 | 1845.3 | 1929.3 |
| 32.5°  | 936.3  | 1002.1 | 1082.1 | 1160.0 | 1270.4 | 1339.2 | 1409.0 | 1559.9 | 1727.9 | 1829.1 | 1869.6 |
| 35°    | 895.8  | 964.7  | 1029.5 | 1112.5 | 1223.8 | 1291.6 | 1373.6 | 1558.9 | 1714.7 | 1777.5 | 1757.3 |
| 37.5°  | 858.4  | 916.1  | 977.8  | 1051.7 | 1166.1 | 1254.2 | 1339.2 | 1532.5 | 1671.2 | 1675.3 | 1560.9 |
| 40°    | 816.9  | 864.5  | 916.1  | 994.0  | 1117.5 | 1204.6 | 1296.7 | 1492.1 | 1592.3 | 1532.5 | 1331.1 |
| 42.5°  | 769.3  | 811.8  | 852.3  | 928.2  | 1062.9 | 1160.0 | 1259.2 | 1441.4 | 1477.9 | 1340.2 | 1130.7 |
| 45°    | 718.7  | 753.1  | 790.6  | 870.5  | 1005.2 | 1101.3 | 1200.5 | 1363.5 | 1326.0 | 1131.7 | 932.3  |
| 47.5°  | 666.1  | 695.4  | 731.9  | 804.7  | 943.4  | 1041.6 | 1135.7 | 1252.1 | 1157.0 | 948.5  | 781.5  |
| 50°    | 613.4  | 636.7  | 672.1  | 747.0  | 880.7  | 969.7  | 1056.8 | 1132.7 | 999.1  | 813.8  | 645.8  |
| 52.5°  | 561.8  | 580.0  | 616.5  | 680.2  | 809.8  | 894.8  | 957.6  | 986.9  | 851.3  | 672.1  | 560.8  |
| 55°    | 507.1  | 527.4  | 551.7  | 616.5  | 745.0  | 807.8  | 849.3  | 848.3  | 708.6  | 569.9  | 463.6  |
| 57.5°  | 454.5  | 472.7  | 494.0  | 558.8  | 663.0  | 705.5  | 741.0  | 723.8  | 591.2  | 466.6  | 397.8  |
| 60°    | 407.9  | 418.1  | 441.3  | 496.0  | 575.0  | 611.4  | 631.6  | 602.3  | 482.8  | 393.8  | 329.0  |
| 62.5°  | 357.3  | 367.4  | 386.7  | 438.3  | 486.9  | 506.1  | 523.3  | 485.9  | 398.8  | 320.9  | 281.4  |
| 65°    | 310.8  | 323.9  | 336.1  | 377.6  | 403.9  | 427.2  | 425.1  | 393.8  | 311.8  | 261.2  | 228.8  |
| 67.5°  | 270.3  | 275.3  | 285.5  | 310.8  | 322.9  | 340.1  | 341.1  | 305.7  | 251.0  | 212.6  | 193.3  |
| 70°    | 226.7  | 231.8  | 238.9  | 251.0  | 259.1  | 263.2  | 261.2  | 229.8  | 189.3  | 166.0  | 148.8  |
| 72.5°  | 189.3  | 188.3  | 193.3  | 193.3  | 201.4  | 200.4  | 194.4  | 170.1  | 143.7  | 124.5  | 114.4  |
| 75°    | 148.8  | 149.8  | 150.8  | 148.8  | 145.8  | 141.7  | 136.7  | 118.4  | 101.2  | 92.1   | 83.0   |
| 77.5°  | 116.4  | 114.4  | 115.4  | 108.3  | 104.3  | 100.2  | 93.1   | 84.0   | 69.8   | 67.8   | 63.8   |
| 80°    | 83.0   | 82.0   | 81.0   | 77.9   | 68.8   | 64.8   | 59.7   | 54.7   | 51.6   | 49.6   | 48.6   |
| 82.5°  | 55.7   | 55.7   | 53.6   | 47.6   | 42.5   | 39.5   | 38.5   | 36.4   | 33.4   | 33.4   | 32.4   |
| 85°    | 33.4   | 32.4   | 30.4   | 24.3   | 21.3   | 21.3   | 21.3   | 21.3   | 19.2   | 19.2   | 18.2   |
| 87.5°  | 13.2   | 12.1   | 9.1    | 9.1    | 8.1    | 8.1    | 8.1    | 7.1    | 7.1    | 6.1    | 6.1    |
| 90°    | 1.0    | 3.2    | 5.4    | 7.6    | 9.8    | 10.9   | 12.3   | 15.2   | 18.0   | 20.9   | 23.7   |
| 92.5°  | 29.6   | 30.9   | 32.3   | 33.6   | 34.9   | 35.6   | 36.3   | 37.6   | 38.9   | 40.2   | 41.5   |
| 95°    | 58.3   | 59.8   | 61.4   | 62.9   | 64.4   | 65.2   | 66.1   | 67.8   | 69.6   | 71.3   | 73.1   |
| 97.5°  | 95.8   | 96.9   | 98.0   | 99.1   | 100.2  | 100.8  | 101.5  | 102.8  | 104.1  | 105.4  | 106.7  |
| 100°   | 134.4  | 135.7  | 137.0  | 138.3  | 139.6  | 140.3  | 140.9  | 142.0  | 143.1  | 144.2  | 145.3  |
| 102.5° | 178.8  | 179.5  | 180.1  | 180.8  | 181.5  | 181.8  | 182.6  | 184.1  | 185.6  | 187.2  | 188.7  |
| 105°   | 222.3  | 222.7  | 223.2  | 223.6  | 224.1  | 224.3  | 225.3  | 227.3  | 229.2  | 231.2  | 233.2  |
| 107.5° | 273.7  | 273.9  | 274.1  | 274.4  | 274.6  | 274.7  | 275.1  | 276.0  | 276.9  | 277.7  | 278.6  |
| 110°   | 321.1  | 321.5  | 322.0  | 322.4  | 322.9  | 323.1  | 323.3  | 323.8  | 324.2  | 324.7  | 325.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 370.5  | 370.7  | 370.9  | 371.2  | 371.4  | 371.5  | 371.5  | 371.5  | 371.5  | 371.5  | 371.5  |
| 115°   | 420.0  | 420.6  | 421.3  | 421.9  | 422.6  | 422.9  | 422.7  | 422.2  | 421.8  | 421.3  | 420.9  |
| 117.5° | 470.3  | 470.5  | 470.7  | 471.0  | 471.2  | 471.3  | 471.1  | 470.7  | 470.2  | 469.8  | 469.4  |
| 120°   | 516.8  | 518.1  | 519.4  | 520.7  | 522.0  | 522.7  | 522.2  | 521.1  | 520.0  | 518.9  | 517.8  |
| 122.5° | 565.2  | 566.1  | 567.0  | 567.9  | 568.8  | 569.2  | 569.0  | 568.5  | 568.1  | 567.6  | 567.2  |
| 125°   | 614.6  | 615.3  | 615.9  | 616.6  | 617.3  | 617.6  | 617.4  | 616.9  | 616.5  | 616.0  | 615.6  |
| 127.5° | 660.1  | 661.4  | 662.7  | 664.0  | 665.3  | 666.0  | 665.8  | 665.3  | 664.9  | 664.4  | 664.0  |
| 130°   | 705.5  | 707.3  | 709.0  | 710.8  | 712.5  | 713.4  | 713.1  | 712.4  | 711.8  | 711.1  | 710.5  |
| 132.5° | 751.0  | 752.8  | 754.5  | 756.3  | 758.0  | 758.9  | 758.7  | 758.2  | 757.8  | 757.3  | 756.9  |
| 135°   | 797.4  | 798.7  | 800.0  | 801.3  | 802.6  | 803.3  | 803.2  | 803.0  | 802.8  | 802.6  | 802.4  |
| 137.5° | 839.9  | 841.0  | 842.1  | 843.2  | 844.3  | 844.8  | 845.1  | 845.8  | 846.5  | 847.1  | 847.8  |
| 140°   | 884.4  | 885.5  | 886.6  | 887.7  | 888.8  | 889.3  | 889.4  | 889.6  | 889.9  | 890.1  | 890.3  |
| 142.5° | 924.9  | 926.0  | 927.1  | 928.2  | 929.3  | 929.8  | 930.0  | 930.5  | 930.9  | 931.4  | 931.8  |
| 145°   | 967.4  | 967.8  | 968.2  | 968.7  | 969.1  | 969.3  | 969.6  | 970.3  | 971.0  | 971.6  | 972.3  |
| 147.5° | 1003.9 | 1004.8 | 1005.7 | 1006.6 | 1007.5 | 1007.9 | 1008.2 | 1008.9 | 1009.5 | 1010.2 | 1010.8 |
| 150°   | 1042.5 | 1042.9 | 1043.3 | 1043.8 | 1044.2 | 1044.4 | 1044.6 | 1045.1 | 1045.5 | 1046.0 | 1046.4 |
| 152.5° | 1074.1 | 1074.7 | 1075.4 | 1076.0 | 1076.7 | 1077.0 | 1077.1 | 1077.3 | 1077.6 | 1077.8 | 1078.0 |
| 155°   | 1107.7 | 1107.7 | 1107.7 | 1107.7 | 1107.7 | 1107.7 | 1107.8 | 1108.0 | 1108.3 | 1108.5 | 1108.7 |
| 157.5° | 1136.3 | 1136.1 | 1135.9 | 1135.6 | 1135.4 | 1135.3 | 1135.4 | 1135.6 | 1135.9 | 1136.1 | 1136.3 |
| 160°   | 1163.0 | 1162.6 | 1162.1 | 1161.7 | 1161.2 | 1161.0 | 1161.0 | 1161.0 | 1161.0 | 1161.0 | 1161.0 |
| 162.5° | 1186.7 | 1186.1 | 1185.4 | 1184.8 | 1184.1 | 1183.8 | 1183.9 | 1184.1 | 1184.4 | 1184.6 | 1184.8 |
| 165°   | 1206.5 | 1205.8 | 1205.2 | 1204.5 | 1203.8 | 1203.5 | 1203.5 | 1203.5 | 1203.5 | 1203.5 | 1203.5 |
| 167.5° | 1223.3 | 1222.4 | 1221.5 | 1220.6 | 1219.7 | 1219.3 | 1219.4 | 1219.6 | 1219.9 | 1220.1 | 1220.3 |
| 170°   | 1237.1 | 1236.2 | 1235.4 | 1234.5 | 1233.6 | 1233.2 | 1233.2 | 1233.2 | 1233.2 | 1233.2 | 1233.2 |
| 172.5° | 1248.0 | 1247.1 | 1246.2 | 1245.3 | 1244.4 | 1244.0 | 1244.0 | 1244.0 | 1244.0 | 1244.0 | 1244.0 |
| 175°   | 1254.9 | 1254.0 | 1253.2 | 1252.3 | 1251.4 | 1251.0 | 1251.0 | 1251.0 | 1251.0 | 1251.0 | 1251.0 |
| 177.5° | 1258.9 | 1258.0 | 1257.1 | 1256.2 | 1255.3 | 1254.9 | 1254.9 | 1254.9 | 1254.9 | 1254.9 | 1254.9 |
| 180°   | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 |

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CATALOG NUMBER: S123RDIW-B775D1030UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 |
| 2.5°   | 1248.1 | 1248.1 | 1257.2 | 1266.3 | 1261.3 | 1264.3 | 1275.4 | 1271.4 | 1279.5 | 1278.5 | 1281.5 |
| 5°     | 1342.2 | 1353.4 | 1362.5 | 1381.7 | 1384.8 | 1381.7 | 1400.9 | 1406.0 | 1415.1 | 1404.0 | 1409.0 |
| 7.5°   | 1448.5 | 1471.8 | 1494.1 | 1522.4 | 1531.5 | 1533.6 | 1543.7 | 1557.8 | 1570.0 | 1547.7 | 1558.9 |
| 10°    | 1551.8 | 1587.2 | 1632.8 | 1658.1 | 1680.3 | 1688.4 | 1696.5 | 1705.6 | 1719.8 | 1733.0 | 1722.8 |
| 12.5°  | 1663.1 | 1714.7 | 1758.3 | 1803.8 | 1831.2 | 1828.1 | 1851.4 | 1857.5 | 1868.6 | 1871.6 | 1875.7 |
| 15°    | 1754.2 | 1827.1 | 1854.4 | 1922.3 | 1928.3 | 1948.6 | 1974.9 | 1998.2 | 2001.2 | 1995.1 | 1995.1 |
| 17.5°  | 1841.3 | 1904.0 | 1952.6 | 2007.3 | 2018.4 | 2035.6 | 2069.0 | 2080.2 | 2084.2 | 2083.2 | 2083.2 |
| 20°    | 1912.1 | 1953.6 | 2035.6 | 2081.2 | 2099.4 | 2121.7 | 2144.9 | 2159.1 | 2162.2 | 2166.2 | 2160.1 |
| 22.5°  | 1958.7 | 2021.5 | 2088.3 | 2125.7 | 2140.9 | 2149.0 | 2164.2 | 2168.2 | 2163.2 | 2164.2 | 2165.2 |
| 25°    | 1995.1 | 2056.9 | 2097.4 | 2107.5 | 2106.5 | 2096.4 | 2085.2 | 2066.0 | 2064.0 | 2055.9 | 2039.7 |
| 27.5°  | 2005.3 | 2028.5 | 2023.5 | 1982.0 | 1940.5 | 1936.4 | 1869.6 | 1833.2 | 1791.7 | 1797.7 | 1774.5 |
| 30°    | 1950.6 | 1920.2 | 1848.4 | 1743.1 | 1699.6 | 1628.7 | 1553.8 | 1475.9 | 1445.5 | 1412.1 | 1473.8 |
| 32.5°  | 1817.0 | 1708.7 | 1581.1 | 1444.5 | 1371.6 | 1308.8 | 1228.9 | 1172.2 | 1139.8 | 1112.5 | 1165.1 |
| 35°    | 1615.5 | 1446.5 | 1277.5 | 1147.9 | 1088.2 | 1031.5 | 956.6  | 928.2  | 887.7  | 891.8  | 896.8  |
| 37.5°  | 1356.4 | 1170.2 | 1042.6 | 915.1  | 875.6  | 852.3  | 797.6  | 754.1  | 740.0  | 735.9  | 735.9  |
| 40°    | 1113.5 | 960.6  | 847.2  | 747.0  | 716.7  | 697.4  | 653.9  | 633.7  | 618.5  | 614.4  | 619.5  |
| 42.5°  | 921.1  | 790.6  | 702.5  | 635.7  | 614.4  | 590.1  | 571.9  | 546.6  | 543.6  | 536.5  | 545.6  |
| 45°    | 773.4  | 660.0  | 594.2  | 545.6  | 527.4  | 518.3  | 498.0  | 482.8  | 476.8  | 475.8  | 482.8  |
| 47.5°  | 655.9  | 567.9  | 510.2  | 479.8  | 465.6  | 456.5  | 439.3  | 433.2  | 427.2  | 429.2  | 426.2  |
| 50°    | 550.7  | 484.9  | 447.4  | 420.1  | 411.0  | 401.9  | 390.7  | 384.7  | 381.6  | 381.6  | 380.6  |
| 52.5°  | 472.7  | 418.1  | 393.8  | 368.5  | 364.4  | 359.3  | 347.2  | 343.2  | 338.1  | 337.1  | 341.1  |
| 55°    | 404.9  | 367.4  | 343.2  | 328.0  | 323.9  | 313.8  | 308.7  | 303.7  | 300.6  | 298.6  | 299.6  |
| 57.5°  | 346.2  | 317.8  | 301.6  | 288.5  | 281.4  | 277.4  | 268.2  | 267.2  | 265.2  | 265.2  | 264.2  |
| 60°    | 297.6  | 277.4  | 258.1  | 250.0  | 245.0  | 239.9  | 238.9  | 232.8  | 229.8  | 231.8  | 230.8  |
| 62.5°  | 252.0  | 235.9  | 224.7  | 215.6  | 212.6  | 208.5  | 205.5  | 203.5  | 200.4  | 201.4  | 201.4  |
| 65°    | 210.5  | 197.4  | 189.3  | 181.2  | 180.2  | 176.1  | 175.1  | 173.1  | 173.1  | 172.1  | 174.1  |
| 67.5°  | 173.1  | 164.0  | 156.9  | 151.8  | 148.8  | 149.8  | 145.8  | 142.7  | 142.7  | 141.7  | 144.8  |
| 70°    | 137.7  | 132.6  | 125.5  | 119.4  | 115.4  | 115.4  | 110.3  | 109.3  | 109.3  | 109.3  | 108.3  |
| 72.5°  | 106.3  | 97.2   | 94.1   | 92.1   | 92.1   | 92.1   | 90.1   | 90.1   | 89.1   | 90.1   | 89.1   |
| 75°    | 79.0   | 77.9   | 75.9   | 74.9   | 74.9   | 73.9   | 72.9   | 72.9   | 72.9   | 72.9   | 72.9   |
| 77.5°  | 61.7   | 61.7   | 59.7   | 58.7   | 58.7   | 58.7   | 57.7   | 57.7   | 56.7   | 56.7   | 56.7   |
| 80°    | 45.6   | 45.6   | 43.5   | 43.5   | 43.5   | 42.5   | 42.5   | 42.5   | 43.5   | 42.5   | 42.5   |
| 82.5°  | 31.4   | 31.4   | 30.4   | 31.4   | 30.4   | 29.4   | 29.4   | 29.4   | 28.3   | 29.4   | 29.4   |
| 85°    | 18.2   | 18.2   | 17.2   | 16.2   | 17.2   | 17.2   | 16.2   | 17.2   | 16.2   | 17.2   | 16.2   |
| 87.5°  | 7.1    | 6.1    | 6.1    | 6.1    | 5.1    | 6.1    | 5.1    | 5.1    | 6.1    | 5.1    | 6.1    |
| 90°    | 24.6   | 25.5   | 26.4   | 27.3   | 27.7   | 27.9   | 28.3   | 28.8   | 29.2   | 29.6   | 29.2   |
| 92.5°  | 42.2   | 42.8   | 43.5   | 44.2   | 44.5   | 44.3   | 43.8   | 43.4   | 42.9   | 42.5   | 42.9   |
| 95°    | 74.0   | 74.9   | 75.8   | 76.7   | 77.1   | 77.1   | 77.1   | 77.1   | 77.1   | 77.1   | 77.1   |
| 97.5°  | 107.8  | 108.9  | 110.0  | 111.1  | 111.7  | 111.6  | 111.4  | 111.1  | 110.9  | 110.7  | 110.9  |
| 100°   | 145.9  | 146.6  | 147.2  | 147.9  | 148.2  | 148.4  | 148.9  | 149.3  | 149.8  | 150.2  | 149.8  |
| 102.5° | 189.4  | 190.0  | 190.7  | 191.4  | 191.7  | 191.6  | 191.4  | 191.1  | 190.9  | 190.7  | 190.9  |
| 105°   | 233.2  | 233.2  | 233.2  | 233.2  | 233.2  | 233.4  | 233.9  | 234.3  | 234.8  | 235.2  | 234.8  |
| 107.5° | 279.3  | 279.9  | 280.6  | 281.3  | 281.6  | 281.5  | 281.3  | 281.0  | 280.8  | 280.6  | 280.8  |
| 110°   | 326.0  | 326.8  | 327.7  | 328.6  | 329.0  | 328.8  | 328.4  | 327.9  | 327.5  | 327.1  | 327.5  |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 372.6  | 373.7  | 374.8  | 375.9  | 376.5  | 376.5  | 376.5  | 376.5  | 376.5  | 376.5  | 376.5  |
| 115°   | 421.1  | 421.3  | 421.6  | 421.8  | 421.9  | 421.8  | 421.6  | 421.3  | 421.1  | 420.9  | 421.1  |
| 117.5° | 469.4  | 469.4  | 469.4  | 469.4  | 469.4  | 469.1  | 468.4  | 467.7  | 467.1  | 466.4  | 467.1  |
| 120°   | 517.6  | 517.4  | 517.1  | 516.9  | 516.8  | 516.6  | 516.1  | 515.7  | 515.2  | 514.8  | 515.2  |
| 122.5° | 566.5  | 565.9  | 565.2  | 564.5  | 564.2  | 563.9  | 563.2  | 562.6  | 561.9  | 561.3  | 561.9  |
| 125°   | 614.7  | 613.8  | 612.9  | 612.0  | 611.6  | 611.2  | 610.3  | 609.4  | 608.6  | 607.7  | 608.6  |
| 127.5° | 662.7  | 661.4  | 660.1  | 658.8  | 658.1  | 657.7  | 656.8  | 655.9  | 655.0  | 654.1  | 655.0  |
| 130°   | 709.6  | 708.7  | 707.8  | 706.9  | 706.5  | 705.7  | 704.2  | 702.7  | 701.1  | 699.6  | 701.1  |
| 132.5° | 755.8  | 754.7  | 753.6  | 752.5  | 752.0  | 751.4  | 750.3  | 749.2  | 748.1  | 747.0  | 748.1  |
| 135°   | 801.5  | 800.6  | 799.7  | 798.8  | 798.4  | 798.2  | 797.7  | 797.3  | 796.8  | 796.4  | 796.8  |
| 137.5° | 846.7  | 845.6  | 844.5  | 843.4  | 842.9  | 842.6  | 841.9  | 841.2  | 840.6  | 839.9  | 840.6  |
| 140°   | 890.1  | 889.9  | 889.6  | 889.4  | 889.3  | 888.5  | 887.0  | 885.5  | 883.9  | 882.4  | 883.9  |
| 142.5° | 931.6  | 931.4  | 931.1  | 930.9  | 930.8  | 930.3  | 929.2  | 928.1  | 927.0  | 925.9  | 927.0  |
| 145°   | 972.1  | 971.9  | 971.6  | 971.4  | 971.3  | 970.9  | 970.0  | 969.1  | 968.3  | 967.4  | 968.3  |
| 147.5° | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.1 | 1008.8 | 1007.5 | 1006.2 | 1004.9 | 1006.2 |
| 150°   | 1046.4 | 1046.4 | 1046.4 | 1046.4 | 1046.4 | 1045.7 | 1044.4 | 1043.1 | 1041.8 | 1040.5 | 1041.8 |
| 152.5° | 1078.4 | 1078.9 | 1079.3 | 1079.8 | 1080.0 | 1079.5 | 1078.4 | 1077.3 | 1076.2 | 1075.1 | 1076.2 |
| 155°   | 1109.6 | 1110.4 | 1111.3 | 1112.2 | 1112.6 | 1111.8 | 1110.3 | 1108.8 | 1107.2 | 1105.7 | 1107.2 |
| 157.5° | 1137.2 | 1138.1 | 1139.0 | 1139.9 | 1140.3 | 1139.6 | 1138.3 | 1137.0 | 1135.7 | 1134.4 | 1135.7 |
| 160°   | 1162.1 | 1163.2 | 1164.3 | 1165.4 | 1166.0 | 1165.6 | 1164.7 | 1163.8 | 1162.9 | 1162.0 | 1162.9 |
| 162.5° | 1185.9 | 1187.0 | 1188.1 | 1189.2 | 1189.7 | 1188.9 | 1187.4 | 1185.9 | 1184.3 | 1182.8 | 1184.3 |
| 165°   | 1204.8 | 1206.2 | 1207.5 | 1208.8 | 1209.5 | 1208.7 | 1207.2 | 1205.6 | 1204.1 | 1202.5 | 1204.1 |
| 167.5° | 1221.6 | 1223.0 | 1224.3 | 1225.6 | 1226.3 | 1225.6 | 1224.3 | 1223.0 | 1221.6 | 1220.3 | 1221.6 |
| 170°   | 1234.7 | 1236.3 | 1237.8 | 1239.3 | 1240.1 | 1239.3 | 1237.8 | 1236.3 | 1234.7 | 1233.2 | 1234.7 |
| 172.5° | 1245.3 | 1246.7 | 1248.0 | 1249.3 | 1250.0 | 1249.2 | 1247.7 | 1246.2 | 1244.6 | 1243.1 | 1244.6 |
| 175°   | 1252.3 | 1253.6 | 1254.9 | 1256.2 | 1256.9 | 1256.1 | 1254.6 | 1253.1 | 1251.5 | 1250.0 | 1251.5 |
| 177.5° | 1256.2 | 1257.5 | 1258.8 | 1260.1 | 1260.8 | 1260.0 | 1258.5 | 1257.0 | 1255.4 | 1253.9 | 1255.4 |
| 180°   | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 |

TEST NUMBER: P1032383

CATALOG NUMBER: S123RDIW-B775D1030UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 |
| 2.5°   | 1276.4 | 1270.4 | 1266.3 | 1263.3 | 1260.2 | 1269.4 | 1257.2 | 1244.1 | 1234.9 | 1228.9 | 1226.8 |
| 5°     | 1410.1 | 1396.9 | 1385.8 | 1376.7 | 1378.7 | 1378.7 | 1357.4 | 1334.1 | 1313.9 | 1302.8 | 1290.6 |
| 7.5°   | 1564.9 | 1550.8 | 1528.5 | 1523.4 | 1519.4 | 1494.1 | 1472.8 | 1430.3 | 1405.0 | 1379.7 | 1357.4 |
| 10°    | 1718.8 | 1700.6 | 1679.3 | 1672.2 | 1662.1 | 1630.7 | 1598.3 | 1543.7 | 1512.3 | 1465.7 | 1436.4 |
| 12.5°  | 1862.5 | 1840.3 | 1819.0 | 1813.9 | 1798.8 | 1771.4 | 1715.8 | 1659.1 | 1605.4 | 1555.8 | 1504.2 |
| 15°    | 1983.0 | 1976.9 | 1944.5 | 1924.3 | 1890.9 | 1853.4 | 1841.3 | 1764.3 | 1696.5 | 1644.9 | 1551.8 |
| 17.5°  | 2084.2 | 2055.9 | 2025.5 | 2012.3 | 1999.2 | 1955.7 | 1912.1 | 1833.2 | 1760.3 | 1684.4 | 1624.7 |
| 20°    | 2165.2 | 2133.8 | 2112.6 | 2093.3 | 2087.3 | 2037.7 | 1968.8 | 1899.0 | 1819.0 | 1734.0 | 1656.0 |
| 22.5°  | 2169.2 | 2165.2 | 2151.0 | 2139.9 | 2127.7 | 2095.3 | 2040.7 | 1953.6 | 1868.6 | 1775.5 | 1673.2 |
| 25°    | 2085.2 | 2079.2 | 2119.6 | 2109.5 | 2117.6 | 2105.5 | 2076.1 | 2003.2 | 1904.0 | 1794.7 | 1691.5 |
| 27.5°  | 1832.2 | 1893.9 | 1957.7 | 1980.0 | 1995.1 | 2038.7 | 2052.8 | 2012.3 | 1932.4 | 1816.0 | 1700.6 |
| 30°    | 1488.0 | 1570.0 | 1673.2 | 1728.9 | 1771.4 | 1852.4 | 1957.7 | 1970.8 | 1933.4 | 1840.3 | 1698.5 |
| 32.5°  | 1168.1 | 1243.0 | 1326.0 | 1391.8 | 1448.5 | 1614.5 | 1756.2 | 1858.5 | 1876.7 | 1828.1 | 1703.6 |
| 35°    | 941.4  | 973.8  | 1052.7 | 1115.5 | 1192.4 | 1334.1 | 1501.2 | 1666.2 | 1777.5 | 1783.6 | 1688.4 |
| 37.5°  | 776.4  | 793.6  | 862.4  | 897.9  | 943.4  | 1067.9 | 1223.8 | 1439.4 | 1612.5 | 1694.5 | 1645.9 |
| 40°    | 642.8  | 682.3  | 721.7  | 742.0  | 774.4  | 860.4  | 1010.2 | 1179.3 | 1393.9 | 1545.7 | 1580.1 |
| 42.5°  | 557.7  | 575.0  | 600.3  | 628.6  | 648.8  | 723.8  | 824.0  | 978.8  | 1172.2 | 1383.7 | 1478.9 |
| 45°    | 492.0  | 498.0  | 524.3  | 542.6  | 563.8  | 616.5  | 687.3  | 816.9  | 986.9  | 1195.5 | 1357.4 |
| 47.5°  | 437.3  | 449.4  | 463.6  | 474.7  | 488.9  | 529.4  | 590.1  | 684.3  | 834.1  | 1020.3 | 1194.5 |
| 50°    | 388.7  | 395.8  | 414.0  | 419.1  | 429.2  | 457.5  | 504.1  | 576.0  | 699.5  | 848.3  | 1028.4 |
| 52.5°  | 343.2  | 356.3  | 363.4  | 370.5  | 379.6  | 402.9  | 433.2  | 492.0  | 585.1  | 724.8  | 877.6  |
| 55°    | 307.7  | 311.8  | 321.9  | 328.0  | 335.1  | 351.2  | 377.6  | 421.1  | 494.0  | 605.3  | 750.1  |
| 57.5°  | 273.3  | 273.3  | 283.4  | 288.5  | 295.6  | 307.7  | 331.0  | 364.4  | 417.0  | 500.0  | 632.7  |
| 60°    | 236.9  | 237.9  | 246.0  | 252.0  | 254.1  | 266.2  | 285.5  | 311.8  | 352.3  | 413.0  | 521.3  |
| 62.5°  | 204.5  | 209.5  | 213.6  | 215.6  | 222.7  | 229.8  | 246.0  | 264.2  | 292.5  | 346.2  | 423.1  |
| 65°    | 177.1  | 178.2  | 181.2  | 183.2  | 186.3  | 194.4  | 206.5  | 218.6  | 242.9  | 282.4  | 345.2  |
| 67.5°  | 145.8  | 149.8  | 153.9  | 153.9  | 156.9  | 160.9  | 173.1  | 183.2  | 201.4  | 224.7  | 267.2  |
| 70°    | 109.3  | 111.3  | 117.4  | 120.5  | 124.5  | 131.6  | 137.7  | 143.7  | 157.9  | 175.1  | 207.5  |
| 72.5°  | 91.1   | 91.1   | 93.1   | 94.1   | 94.1   | 99.2   | 108.3  | 114.4  | 121.5  | 133.6  | 155.9  |
| 75°    | 72.9   | 72.9   | 75.9   | 74.9   | 76.9   | 79.0   | 80.0   | 84.0   | 88.1   | 97.2   | 110.3  |
| 77.5°  | 57.7   | 58.7   | 58.7   | 59.7   | 59.7   | 60.7   | 61.7   | 63.8   | 65.8   | 70.9   | 76.9   |
| 80°    | 42.5   | 43.5   | 43.5   | 44.5   | 44.5   | 45.6   | 46.6   | 47.6   | 49.6   | 51.6   | 54.7   |
| 82.5°  | 29.4   | 30.4   | 30.4   | 31.4   | 30.4   | 31.4   | 32.4   | 32.4   | 33.4   | 35.4   | 36.4   |
| 85°    | 17.2   | 17.2   | 18.2   | 17.2   | 17.2   | 17.2   | 18.2   | 18.2   | 19.2   | 22.3   | 22.3   |
| 87.5°  | 5.1    | 6.1    | 5.1    | 6.1    | 6.1    | 6.1    | 6.1    | 7.1    | 7.1    | 8.1    | 9.1    |
| 90°    | 28.8   | 28.3   | 27.9   | 27.7   | 27.3   | 26.4   | 25.5   | 24.6   | 23.7   | 20.9   | 18.0   |
| 92.5°  | 43.4   | 43.8   | 44.3   | 44.5   | 44.2   | 43.5   | 42.8   | 42.2   | 41.5   | 40.2   | 38.9   |
| 95°    | 77.1   | 77.1   | 77.1   | 77.1   | 76.7   | 75.8   | 74.9   | 74.0   | 73.1   | 71.3   | 69.6   |
| 97.5°  | 111.1  | 111.4  | 111.6  | 111.7  | 111.1  | 110.0  | 108.9  | 107.8  | 106.7  | 105.4  | 104.1  |
| 100°   | 149.3  | 148.9  | 148.4  | 148.2  | 147.9  | 147.2  | 146.6  | 145.9  | 145.3  | 144.2  | 143.1  |
| 102.5° | 191.1  | 191.4  | 191.6  | 191.7  | 191.4  | 190.7  | 190.0  | 189.4  | 188.7  | 187.2  | 185.6  |
| 105°   | 234.3  | 233.9  | 233.4  | 233.2  | 233.2  | 233.2  | 233.2  | 233.2  | 233.2  | 231.2  | 229.2  |
| 107.5° | 281.0  | 281.3  | 281.5  | 281.6  | 281.3  | 280.6  | 279.9  | 279.3  | 278.6  | 277.7  | 276.9  |
| 110°   | 327.9  | 328.4  | 328.8  | 329.0  | 328.6  | 327.7  | 326.8  | 326.0  | 325.1  | 324.7  | 324.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 376.5  | 376.5  | 376.5  | 376.5  | 375.9  | 374.8  | 373.7  | 372.6  | 371.5  | 371.5  | 371.5  |
| 115°   | 421.3  | 421.6  | 421.8  | 421.9  | 421.8  | 421.6  | 421.3  | 421.1  | 420.9  | 421.3  | 421.8  |
| 117.5° | 467.7  | 468.4  | 469.1  | 469.4  | 469.4  | 469.4  | 469.4  | 469.4  | 469.4  | 469.8  | 470.2  |
| 120°   | 515.7  | 516.1  | 516.6  | 516.8  | 516.9  | 517.1  | 517.4  | 517.6  | 517.8  | 518.9  | 520.0  |
| 122.5° | 562.6  | 563.2  | 563.9  | 564.2  | 564.5  | 565.2  | 565.9  | 566.5  | 567.2  | 567.6  | 568.1  |
| 125°   | 609.4  | 610.3  | 611.2  | 611.6  | 612.0  | 612.9  | 613.8  | 614.7  | 615.6  | 616.0  | 616.5  |
| 127.5° | 655.9  | 656.8  | 657.7  | 658.1  | 658.8  | 660.1  | 661.4  | 662.7  | 664.0  | 664.4  | 664.9  |
| 130°   | 702.7  | 704.2  | 705.7  | 706.5  | 706.9  | 707.8  | 708.7  | 709.6  | 710.5  | 711.1  | 711.8  |
| 132.5° | 749.2  | 750.3  | 751.4  | 752.0  | 752.5  | 753.6  | 754.7  | 755.8  | 756.9  | 757.3  | 757.8  |
| 135°   | 797.3  | 797.7  | 798.2  | 798.4  | 798.8  | 799.7  | 800.6  | 801.5  | 802.4  | 802.6  | 802.8  |
| 137.5° | 841.2  | 841.9  | 842.6  | 842.9  | 843.4  | 844.5  | 845.6  | 846.7  | 847.8  | 847.1  | 846.5  |
| 140°   | 885.5  | 887.0  | 888.5  | 889.3  | 889.4  | 889.6  | 889.9  | 890.1  | 890.3  | 890.1  | 889.9  |
| 142.5° | 928.1  | 929.2  | 930.3  | 930.8  | 930.9  | 931.1  | 931.4  | 931.6  | 931.8  | 931.4  | 930.9  |
| 145°   | 969.1  | 970.0  | 970.9  | 971.3  | 971.4  | 971.6  | 971.9  | 972.1  | 972.3  | 971.6  | 971.0  |
| 147.5° | 1007.5 | 1008.8 | 1010.1 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.2 | 1009.5 |
| 150°   | 1043.1 | 1044.4 | 1045.7 | 1046.4 | 1046.4 | 1046.4 | 1046.4 | 1046.4 | 1046.4 | 1046.0 | 1045.5 |
| 152.5° | 1077.3 | 1078.4 | 1079.5 | 1080.0 | 1079.8 | 1079.3 | 1078.9 | 1078.4 | 1078.0 | 1077.8 | 1077.6 |
| 155°   | 1108.8 | 1110.3 | 1111.8 | 1112.6 | 1112.2 | 1111.3 | 1110.4 | 1109.6 | 1108.7 | 1108.5 | 1108.3 |
| 157.5° | 1137.0 | 1138.3 | 1139.6 | 1140.3 | 1139.9 | 1139.0 | 1138.1 | 1137.2 | 1136.3 | 1136.1 | 1135.9 |
| 160°   | 1163.8 | 1164.7 | 1165.6 | 1166.0 | 1165.4 | 1164.3 | 1163.2 | 1162.1 | 1161.0 | 1161.0 | 1161.0 |
| 162.5° | 1185.9 | 1187.4 | 1188.9 | 1189.7 | 1189.2 | 1188.1 | 1187.0 | 1185.9 | 1184.8 | 1184.6 | 1184.4 |
| 165°   | 1205.6 | 1207.2 | 1208.7 | 1209.5 | 1208.8 | 1207.5 | 1206.2 | 1204.8 | 1203.5 | 1203.5 | 1203.5 |
| 167.5° | 1223.0 | 1224.3 | 1225.6 | 1226.3 | 1225.6 | 1224.3 | 1223.0 | 1221.6 | 1220.3 | 1220.1 | 1219.9 |
| 170°   | 1236.3 | 1237.8 | 1239.3 | 1240.1 | 1239.3 | 1237.8 | 1236.3 | 1234.7 | 1233.2 | 1233.2 | 1233.2 |
| 172.5° | 1246.2 | 1247.7 | 1249.2 | 1250.0 | 1249.3 | 1248.0 | 1246.7 | 1245.3 | 1244.0 | 1244.0 | 1244.0 |
| 175°   | 1253.1 | 1254.6 | 1256.1 | 1256.9 | 1256.2 | 1254.9 | 1253.6 | 1252.3 | 1251.0 | 1251.0 | 1251.0 |
| 177.5° | 1257.0 | 1258.5 | 1260.0 | 1260.8 | 1260.1 | 1258.8 | 1257.5 | 1256.2 | 1254.9 | 1254.9 | 1254.9 |
| 180°   | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 |
| 2.5°   | 1223.8 | 1218.7 | 1213.7 | 1213.7 | 1202.5 | 1192.4 | 1187.4 | 1189.4 | 1183.3 | 1175.2 | 1167.1 |
| 5°     | 1277.5 | 1257.2 | 1253.2 | 1242.0 | 1226.8 | 1205.6 | 1194.5 | 1184.3 | 1172.2 | 1156.0 | 1140.8 |
| 7.5°   | 1327.1 | 1300.7 | 1286.6 | 1275.4 | 1246.1 | 1216.7 | 1192.4 | 1176.2 | 1155.0 | 1130.7 | 1112.5 |
| 10°    | 1391.8 | 1343.3 | 1328.1 | 1302.8 | 1261.3 | 1219.8 | 1191.4 | 1165.1 | 1135.7 | 1107.4 | 1083.1 |
| 12.5°  | 1443.5 | 1387.8 | 1359.4 | 1334.1 | 1280.5 | 1227.9 | 1180.3 | 1147.9 | 1112.5 | 1081.1 | 1049.7 |
| 15°    | 1502.2 | 1439.4 | 1389.8 | 1359.4 | 1291.6 | 1227.9 | 1174.2 | 1128.7 | 1089.2 | 1050.7 | 1023.4 |
| 17.5°  | 1530.5 | 1451.6 | 1429.3 | 1385.8 | 1287.6 | 1223.8 | 1158.0 | 1109.4 | 1061.8 | 1017.3 | 984.9  |
| 20°    | 1575.1 | 1482.9 | 1427.3 | 1397.9 | 1310.9 | 1216.7 | 1139.8 | 1084.1 | 1034.5 | 986.9  | 952.5  |
| 22.5°  | 1578.1 | 1477.9 | 1441.4 | 1385.8 | 1278.5 | 1195.5 | 1123.6 | 1055.8 | 998.1  | 953.5  | 918.1  |
| 25°    | 1571.0 | 1468.8 | 1418.2 | 1373.6 | 1284.5 | 1183.3 | 1091.2 | 1024.4 | 967.7  | 916.1  | 874.6  |
| 27.5°  | 1568.0 | 1442.5 | 1394.9 | 1350.3 | 1250.1 | 1147.9 | 1072.0 | 996.0  | 931.3  | 885.7  | 843.2  |
| 30°    | 1563.9 | 1414.1 | 1356.4 | 1304.8 | 1212.7 | 1120.6 | 1029.5 | 963.7  | 901.9  | 844.2  | 801.7  |
| 32.5°  | 1537.6 | 1375.6 | 1316.9 | 1262.3 | 1163.1 | 1071.0 | 999.1  | 929.2  | 862.4  | 808.8  | 770.3  |
| 35°    | 1529.5 | 1340.2 | 1263.3 | 1204.6 | 1107.4 | 1025.4 | 949.5  | 891.8  | 829.0  | 775.4  | 729.8  |
| 37.5°  | 1506.2 | 1303.8 | 1220.8 | 1145.9 | 1044.6 | 966.7  | 911.0  | 853.3  | 792.6  | 734.9  | 698.4  |
| 40°    | 1465.7 | 1261.3 | 1167.1 | 1090.2 | 985.9  | 907.0  | 855.3  | 812.8  | 753.1  | 701.5  | 656.9  |
| 42.5°  | 1406.0 | 1217.7 | 1116.5 | 1035.5 | 920.1  | 846.2  | 803.7  | 763.2  | 712.6  | 659.0  | 622.5  |
| 45°    | 1337.2 | 1160.0 | 1065.9 | 975.8  | 858.4  | 786.5  | 742.0  | 717.7  | 671.1  | 625.6  | 583.1  |
| 47.5°  | 1243.0 | 1100.3 | 1007.2 | 914.1  | 794.6  | 724.8  | 689.3  | 665.0  | 632.7  | 583.1  | 548.6  |
| 50°    | 1124.6 | 1023.4 | 935.3  | 852.3  | 731.9  | 665.0  | 629.6  | 611.4  | 584.1  | 548.6  | 515.2  |
| 52.5°  | 993.0  | 934.3  | 861.4  | 784.5  | 668.1  | 605.3  | 572.9  | 558.8  | 538.5  | 505.1  | 476.8  |
| 55°    | 860.4  | 835.1  | 785.5  | 709.6  | 601.3  | 549.6  | 521.3  | 503.1  | 487.9  | 463.6  | 439.3  |
| 57.5°  | 742.0  | 729.8  | 695.4  | 636.7  | 545.6  | 492.0  | 467.7  | 455.5  | 443.4  | 425.1  | 400.8  |
| 60°    | 619.5  | 632.7  | 597.2  | 567.9  | 484.9  | 438.3  | 417.0  | 403.9  | 397.8  | 381.6  | 366.4  |
| 62.5°  | 513.2  | 525.4  | 505.1  | 482.8  | 424.1  | 382.6  | 369.5  | 357.3  | 353.3  | 339.1  | 323.9  |
| 65°    | 417.0  | 432.2  | 417.0  | 404.9  | 369.5  | 335.1  | 318.9  | 312.8  | 308.7  | 299.6  | 287.5  |
| 67.5°  | 332.0  | 347.2  | 340.1  | 324.9  | 313.8  | 285.5  | 276.3  | 270.3  | 268.2  | 261.2  | 251.0  |
| 70°    | 250.0  | 271.3  | 273.3  | 264.2  | 254.1  | 240.9  | 234.8  | 232.8  | 227.8  | 221.7  | 215.6  |
| 72.5°  | 180.2  | 204.5  | 205.5  | 205.5  | 199.4  | 199.4  | 193.3  | 190.3  | 190.3  | 184.2  | 177.1  |
| 75°    | 132.6  | 148.8  | 150.8  | 152.8  | 155.9  | 158.9  | 154.9  | 154.9  | 153.9  | 147.8  | 144.8  |
| 77.5°  | 88.1   | 102.2  | 107.3  | 114.4  | 118.4  | 118.4  | 120.5  | 122.5  | 120.5  | 117.4  | 115.4  |
| 80°    | 56.7   | 66.8   | 72.9   | 76.9   | 83.0   | 86.0   | 89.1   | 90.1   | 88.1   | 87.1   | 84.0   |
| 82.5°  | 37.5   | 40.5   | 43.5   | 48.6   | 55.7   | 60.7   | 60.7   | 59.7   | 61.7   | 60.7   | 59.7   |
| 85°    | 21.3   | 23.3   | 24.3   | 25.3   | 29.4   | 34.4   | 35.4   | 36.4   | 38.5   | 36.4   | 34.4   |
| 87.5°  | 8.1    | 9.1    | 9.1    | 9.1    | 11.1   | 12.1   | 15.2   | 19.2   | 18.2   | 16.2   | 16.2   |
| 90°    | 15.2   | 12.3   | 10.9   | 9.8    | 7.6    | 5.4    | 3.2    | 1.0    | 3.2    | 5.4    | 7.6    |
| 92.5°  | 37.6   | 36.3   | 35.6   | 34.9   | 33.6   | 32.3   | 30.9   | 29.6   | 30.9   | 32.3   | 33.6   |
| 95°    | 67.8   | 66.1   | 65.2   | 64.4   | 62.9   | 61.4   | 59.8   | 58.3   | 59.8   | 61.4   | 62.9   |
| 97.5°  | 102.8  | 101.5  | 100.8  | 100.2  | 99.1   | 98.0   | 96.9   | 95.8   | 96.9   | 98.0   | 99.1   |
| 100°   | 142.0  | 140.9  | 140.3  | 139.6  | 138.3  | 137.0  | 135.7  | 134.4  | 135.7  | 137.0  | 138.3  |
| 102.5° | 184.1  | 182.6  | 181.8  | 181.5  | 180.8  | 180.1  | 179.5  | 178.8  | 179.5  | 180.1  | 180.8  |
| 105°   | 227.3  | 225.3  | 224.3  | 224.1  | 223.6  | 223.2  | 222.7  | 222.3  | 222.7  | 223.2  | 223.6  |
| 107.5° | 276.0  | 275.1  | 274.7  | 274.6  | 274.4  | 274.1  | 273.9  | 273.7  | 273.9  | 274.1  | 274.4  |
| 110°   | 323.8  | 323.3  | 323.1  | 322.9  | 322.4  | 322.0  | 321.5  | 321.1  | 321.5  | 322.0  | 322.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 371.5  | 371.5  | 371.5  | 371.4  | 371.2  | 370.9  | 370.7  | 370.5  | 370.7  | 370.9  | 371.2  |
| 115°   | 422.2  | 422.7  | 422.9  | 422.6  | 421.9  | 421.3  | 420.6  | 420.0  | 420.6  | 421.3  | 421.9  |
| 117.5° | 470.7  | 471.1  | 471.3  | 471.2  | 471.0  | 470.7  | 470.5  | 470.3  | 470.5  | 470.7  | 471.0  |
| 120°   | 521.1  | 522.2  | 522.7  | 522.0  | 520.7  | 519.4  | 518.1  | 516.8  | 518.1  | 519.4  | 520.7  |
| 122.5° | 568.5  | 569.0  | 569.2  | 568.8  | 567.9  | 567.0  | 566.1  | 565.2  | 566.1  | 567.0  | 567.9  |
| 125°   | 616.9  | 617.4  | 617.6  | 617.3  | 616.6  | 615.9  | 615.3  | 614.6  | 615.3  | 615.9  | 616.6  |
| 127.5° | 665.3  | 665.8  | 666.0  | 665.3  | 664.0  | 662.7  | 661.4  | 660.1  | 661.4  | 662.7  | 664.0  |
| 130°   | 712.4  | 713.1  | 713.4  | 712.5  | 710.8  | 709.0  | 707.3  | 705.5  | 707.3  | 709.0  | 710.8  |
| 132.5° | 758.2  | 758.7  | 758.9  | 758.0  | 756.3  | 754.5  | 752.8  | 751.0  | 752.8  | 754.5  | 756.3  |
| 135°   | 803.0  | 803.2  | 803.3  | 802.6  | 801.3  | 800.0  | 798.7  | 797.4  | 798.7  | 800.0  | 801.3  |
| 137.5° | 845.8  | 845.1  | 844.8  | 844.3  | 843.2  | 842.1  | 841.0  | 839.9  | 841.0  | 842.1  | 843.2  |
| 140°   | 889.6  | 889.4  | 889.3  | 888.8  | 887.7  | 886.6  | 885.5  | 884.4  | 885.5  | 886.6  | 887.7  |
| 142.5° | 930.5  | 930.0  | 929.8  | 929.3  | 928.2  | 927.1  | 926.0  | 924.9  | 926.0  | 927.1  | 928.2  |
| 145°   | 970.3  | 969.6  | 969.3  | 969.1  | 968.7  | 968.2  | 967.8  | 967.4  | 967.8  | 968.2  | 968.7  |
| 147.5° | 1008.9 | 1008.2 | 1007.9 | 1007.5 | 1006.6 | 1005.7 | 1004.8 | 1003.9 | 1004.8 | 1005.7 | 1006.6 |
| 150°   | 1045.1 | 1044.6 | 1044.4 | 1044.2 | 1043.8 | 1043.3 | 1042.9 | 1042.5 | 1042.9 | 1043.3 | 1043.8 |
| 152.5° | 1077.3 | 1077.1 | 1077.0 | 1076.7 | 1076.0 | 1075.4 | 1074.7 | 1074.1 | 1074.7 | 1075.4 | 1076.0 |
| 155°   | 1108.0 | 1107.8 | 1107.7 | 1107.7 | 1107.7 | 1107.7 | 1107.7 | 1107.7 | 1107.7 | 1107.7 | 1107.7 |
| 157.5° | 1135.6 | 1135.4 | 1135.3 | 1135.4 | 1135.6 | 1135.9 | 1136.1 | 1136.3 | 1136.1 | 1135.9 | 1135.6 |
| 160°   | 1161.0 | 1161.0 | 1161.0 | 1161.2 | 1161.7 | 1162.1 | 1162.6 | 1163.0 | 1162.6 | 1162.1 | 1161.7 |
| 162.5° | 1184.1 | 1183.9 | 1183.8 | 1184.1 | 1184.8 | 1185.4 | 1186.1 | 1186.7 | 1186.1 | 1185.4 | 1184.8 |
| 165°   | 1203.5 | 1203.5 | 1203.5 | 1203.8 | 1204.5 | 1205.2 | 1205.8 | 1206.5 | 1205.8 | 1205.2 | 1204.5 |
| 167.5° | 1219.6 | 1219.4 | 1219.3 | 1219.7 | 1220.6 | 1221.5 | 1222.4 | 1223.3 | 1222.4 | 1221.5 | 1220.6 |
| 170°   | 1233.2 | 1233.2 | 1233.2 | 1233.6 | 1234.5 | 1235.4 | 1236.2 | 1237.1 | 1236.2 | 1235.4 | 1234.5 |
| 172.5° | 1244.0 | 1244.0 | 1244.0 | 1244.4 | 1245.3 | 1246.2 | 1247.1 | 1248.0 | 1247.1 | 1246.2 | 1245.3 |
| 175°   | 1251.0 | 1251.0 | 1251.0 | 1251.4 | 1252.3 | 1253.2 | 1254.0 | 1254.9 | 1254.0 | 1253.2 | 1252.3 |
| 177.5° | 1254.9 | 1254.9 | 1254.9 | 1255.3 | 1256.2 | 1257.1 | 1258.0 | 1258.9 | 1258.0 | 1257.1 | 1256.2 |
| 180°   | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 |
| 2.5°   | 1167.1 | 1162.1 | 1160.0 | 1155.0 | 1142.8 | 1134.7 | 1125.6 | 1119.5 | 1120.6 | 1115.5 | 1118.5 |
| 5°     | 1130.7 | 1129.7 | 1122.6 | 1112.5 | 1095.2 | 1086.1 | 1069.9 | 1061.8 | 1057.8 | 1058.8 | 1052.7 |
| 7.5°   | 1100.3 | 1091.2 | 1086.1 | 1069.9 | 1053.7 | 1034.5 | 1021.4 | 1014.3 | 1008.2 | 1002.1 | 998.1  |
| 10°    | 1065.9 | 1057.8 | 1049.7 | 1032.5 | 1010.2 | 992.0  | 973.8  | 966.7  | 957.6  | 953.5  | 950.5  |
| 12.5°  | 1029.5 | 1024.4 | 1014.3 | 994.0  | 968.7  | 951.5  | 930.3  | 926.2  | 914.1  | 906.0  | 903.9  |
| 15°    | 996.0  | 993.0  | 974.8  | 951.5  | 926.2  | 909.0  | 890.8  | 878.6  | 858.4  | 862.4  | 855.3  |
| 17.5°  | 960.6  | 947.5  | 936.3  | 904.9  | 892.8  | 866.5  | 845.2  | 839.2  | 825.0  | 815.9  | 806.8  |
| 20°    | 921.1  | 913.0  | 898.9  | 878.6  | 849.3  | 818.9  | 802.7  | 792.6  | 784.5  | 770.3  | 766.3  |
| 22.5°  | 883.7  | 873.6  | 861.4  | 835.1  | 809.8  | 784.5  | 762.2  | 753.1  | 743.0  | 732.9  | 726.8  |
| 25°    | 854.3  | 839.2  | 826.0  | 793.6  | 768.3  | 747.0  | 732.9  | 717.7  | 703.5  | 697.4  | 695.4  |
| 27.5°  | 808.8  | 799.7  | 786.5  | 756.1  | 732.9  | 709.6  | 696.4  | 686.3  | 671.1  | 664.0  | 658.0  |
| 30°    | 779.4  | 761.2  | 746.0  | 721.7  | 698.4  | 673.1  | 661.0  | 648.8  | 639.7  | 630.6  | 623.5  |
| 32.5°  | 740.0  | 725.8  | 713.6  | 689.3  | 666.1  | 642.8  | 629.6  | 611.4  | 606.3  | 599.2  | 591.2  |
| 35°    | 701.5  | 692.4  | 679.2  | 652.9  | 627.6  | 611.4  | 597.2  | 580.0  | 573.9  | 568.9  | 561.8  |
| 37.5°  | 665.0  | 651.9  | 642.8  | 617.5  | 595.2  | 576.0  | 564.8  | 550.7  | 546.6  | 540.5  | 535.5  |
| 40°    | 633.7  | 620.5  | 611.4  | 586.1  | 562.8  | 542.6  | 535.5  | 521.3  | 515.2  | 508.1  | 505.1  |
| 42.5°  | 598.2  | 587.1  | 575.0  | 556.7  | 532.4  | 512.2  | 498.0  | 489.9  | 481.8  | 478.8  | 472.7  |
| 45°    | 560.8  | 550.7  | 541.6  | 521.3  | 496.0  | 481.8  | 469.7  | 458.5  | 452.5  | 447.4  | 443.4  |
| 47.5°  | 528.4  | 519.3  | 507.1  | 484.9  | 464.6  | 451.5  | 439.3  | 428.2  | 422.1  | 416.0  | 411.0  |
| 50°    | 490.9  | 485.9  | 472.7  | 451.5  | 432.2  | 417.0  | 405.9  | 395.8  | 391.7  | 384.7  | 376.6  |
| 52.5°  | 457.5  | 448.4  | 437.3  | 420.1  | 402.9  | 384.7  | 369.5  | 363.4  | 356.3  | 352.3  | 345.2  |
| 55°    | 418.1  | 412.0  | 399.8  | 384.7  | 366.4  | 351.2  | 340.1  | 332.0  | 322.9  | 318.9  | 309.7  |
| 57.5°  | 384.7  | 373.5  | 367.4  | 348.2  | 331.0  | 315.8  | 307.7  | 299.6  | 289.5  | 283.4  | 279.4  |
| 60°    | 348.2  | 338.1  | 329.0  | 312.8  | 300.6  | 284.4  | 272.3  | 265.2  | 258.1  | 250.0  | 246.0  |
| 62.5°  | 312.8  | 304.7  | 293.6  | 280.4  | 265.2  | 252.0  | 242.9  | 232.8  | 228.8  | 220.7  | 217.6  |
| 65°    | 274.3  | 268.2  | 259.1  | 244.0  | 231.8  | 220.7  | 211.6  | 203.5  | 199.4  | 196.4  | 194.4  |
| 67.5°  | 239.9  | 231.8  | 225.7  | 212.6  | 199.4  | 190.3  | 185.2  | 180.2  | 175.1  | 172.1  | 169.0  |
| 70°    | 204.5  | 198.4  | 192.3  | 180.2  | 171.1  | 163.0  | 158.9  | 154.9  | 151.8  | 148.8  | 145.8  |
| 72.5°  | 168.0  | 165.0  | 158.9  | 150.8  | 143.7  | 137.7  | 134.6  | 129.6  | 126.5  | 121.5  | 119.4  |
| 75°    | 138.7  | 133.6  | 130.6  | 123.5  | 117.4  | 112.4  | 108.3  | 102.2  | 98.2   | 96.2   | 95.2   |
| 77.5°  | 109.3  | 107.3  | 103.2  | 97.2   | 94.1   | 89.1   | 83.0   | 81.0   | 79.0   | 79.0   | 77.9   |
| 80°    | 82.0   | 79.0   | 75.9   | 70.9   | 67.8   | 63.8   | 63.8   | 63.8   | 62.8   | 63.8   | 62.8   |
| 82.5°  | 55.7   | 53.6   | 51.6   | 48.6   | 47.6   | 47.6   | 48.6   | 48.6   | 48.6   | 48.6   | 48.6   |
| 85°    | 32.4   | 32.4   | 32.4   | 33.4   | 32.4   | 32.4   | 33.4   | 34.4   | 33.4   | 33.4   | 32.4   |
| 87.5°  | 15.2   | 15.2   | 16.2   | 16.2   | 17.2   | 17.2   | 17.2   | 17.2   | 17.2   | 17.2   | 18.2   |
| 90°    | 9.8    | 10.9   | 12.3   | 15.2   | 18.0   | 20.9   | 23.7   | 24.6   | 25.5   | 26.4   | 27.3   |
| 92.5°  | 34.9   | 35.6   | 36.3   | 37.6   | 38.9   | 40.2   | 41.5   | 42.2   | 42.8   | 43.5   | 44.2   |
| 95°    | 64.4   | 65.2   | 66.1   | 67.8   | 69.6   | 71.3   | 73.1   | 74.0   | 74.9   | 75.8   | 76.7   |
| 97.5°  | 100.2  | 100.8  | 101.5  | 102.8  | 104.1  | 105.4  | 106.7  | 107.8  | 108.9  | 110.0  | 111.1  |
| 100°   | 139.6  | 140.3  | 140.9  | 142.0  | 143.1  | 144.2  | 145.3  | 145.9  | 146.6  | 147.2  | 147.9  |
| 102.5° | 181.5  | 181.8  | 182.6  | 184.1  | 185.6  | 187.2  | 188.7  | 189.4  | 190.0  | 190.7  | 191.4  |
| 105°   | 224.1  | 224.3  | 225.3  | 227.3  | 229.2  | 231.2  | 233.2  | 233.2  | 233.2  | 233.2  | 233.2  |
| 107.5° | 274.6  | 274.7  | 275.1  | 276.0  | 276.9  | 277.7  | 278.6  | 279.3  | 279.9  | 280.6  | 281.3  |
| 110°   | 322.9  | 323.1  | 323.3  | 323.8  | 324.2  | 324.7  | 325.1  | 326.0  | 326.8  | 327.7  | 328.6  |

TEST NUMBER: P1032383

CATALOG NUMBER: S123RDIW-B775D1030UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 371.4  | 371.5  | 371.5  | 371.5  | 371.5  | 371.5  | 371.5  | 372.6  | 373.7  | 374.8  | 375.9  |
| 115°   | 422.6  | 422.9  | 422.7  | 422.2  | 421.8  | 421.3  | 420.9  | 421.1  | 421.3  | 421.6  | 421.8  |
| 117.5° | 471.2  | 471.3  | 471.1  | 470.7  | 470.2  | 469.8  | 469.4  | 469.4  | 469.4  | 469.4  | 469.4  |
| 120°   | 522.0  | 522.7  | 522.2  | 521.1  | 520.0  | 518.9  | 517.8  | 517.6  | 517.4  | 517.1  | 516.9  |
| 122.5° | 568.8  | 569.2  | 569.0  | 568.5  | 568.1  | 567.6  | 567.2  | 566.5  | 565.9  | 565.2  | 564.5  |
| 125°   | 617.3  | 617.6  | 617.4  | 616.9  | 616.5  | 616.0  | 615.6  | 614.7  | 613.8  | 612.9  | 612.0  |
| 127.5° | 665.3  | 666.0  | 665.8  | 665.3  | 664.9  | 664.4  | 664.0  | 662.7  | 661.4  | 660.1  | 658.8  |
| 130°   | 712.5  | 713.4  | 713.1  | 712.4  | 711.8  | 711.1  | 710.5  | 709.6  | 708.7  | 707.8  | 706.9  |
| 132.5° | 758.0  | 758.9  | 758.7  | 758.2  | 757.8  | 757.3  | 756.9  | 755.8  | 754.7  | 753.6  | 752.5  |
| 135°   | 802.6  | 803.3  | 803.2  | 803.0  | 802.8  | 802.6  | 802.4  | 801.5  | 800.6  | 799.7  | 798.8  |
| 137.5° | 844.3  | 844.8  | 845.1  | 845.8  | 846.5  | 847.1  | 847.8  | 846.7  | 845.6  | 844.5  | 843.4  |
| 140°   | 888.8  | 889.3  | 889.4  | 889.6  | 889.9  | 890.1  | 890.3  | 890.1  | 889.9  | 889.6  | 889.4  |
| 142.5° | 929.3  | 929.8  | 930.0  | 930.5  | 930.9  | 931.4  | 931.8  | 931.6  | 931.4  | 931.1  | 930.9  |
| 145°   | 969.1  | 969.3  | 969.6  | 970.3  | 971.0  | 971.6  | 972.3  | 972.1  | 971.9  | 971.6  | 971.4  |
| 147.5° | 1007.5 | 1007.9 | 1008.2 | 1008.9 | 1009.5 | 1010.2 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 |
| 150°   | 1044.2 | 1044.4 | 1044.6 | 1045.1 | 1045.5 | 1046.0 | 1046.4 | 1046.4 | 1046.4 | 1046.4 | 1046.4 |
| 152.5° | 1076.7 | 1077.0 | 1077.1 | 1077.3 | 1077.6 | 1077.8 | 1078.0 | 1078.4 | 1078.9 | 1079.3 | 1079.8 |
| 155°   | 1107.7 | 1107.7 | 1107.8 | 1108.0 | 1108.3 | 1108.5 | 1108.7 | 1109.6 | 1110.4 | 1111.3 | 1112.2 |
| 157.5° | 1135.4 | 1135.3 | 1135.4 | 1135.6 | 1135.9 | 1136.1 | 1136.3 | 1137.2 | 1138.1 | 1139.0 | 1139.9 |
| 160°   | 1161.2 | 1161.0 | 1161.0 | 1161.0 | 1161.0 | 1161.0 | 1161.0 | 1162.1 | 1163.2 | 1164.3 | 1165.4 |
| 162.5° | 1184.1 | 1183.8 | 1183.9 | 1184.1 | 1184.4 | 1184.6 | 1184.8 | 1185.9 | 1187.0 | 1188.1 | 1189.2 |
| 165°   | 1203.8 | 1203.5 | 1203.5 | 1203.5 | 1203.5 | 1203.5 | 1203.5 | 1204.8 | 1206.2 | 1207.5 | 1208.8 |
| 167.5° | 1219.7 | 1219.3 | 1219.4 | 1219.6 | 1219.9 | 1220.1 | 1220.3 | 1221.6 | 1223.0 | 1224.3 | 1225.6 |
| 170°   | 1233.6 | 1233.2 | 1233.2 | 1233.2 | 1233.2 | 1233.2 | 1233.2 | 1234.7 | 1236.3 | 1237.8 | 1239.3 |
| 172.5° | 1244.4 | 1244.0 | 1244.0 | 1244.0 | 1244.0 | 1244.0 | 1244.0 | 1245.3 | 1246.7 | 1248.0 | 1249.3 |
| 175°   | 1251.4 | 1251.0 | 1251.0 | 1251.0 | 1251.0 | 1251.0 | 1251.0 | 1252.3 | 1253.6 | 1254.9 | 1256.2 |
| 177.5° | 1255.3 | 1254.9 | 1254.9 | 1254.9 | 1254.9 | 1254.9 | 1254.9 | 1256.2 | 1257.5 | 1258.8 | 1260.1 |
| 180°   | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 |

TEST NUMBER: P1032383

CATALOG NUMBER: S123RDIW-B775D1030UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 |
| 2.5°   | 1117.5 | 1118.5 | 1115.5 | 1109.4 | 1108.4 | 1110.4 | 1116.5 | 1114.5 | 1109.4 | 1118.5 | 1110.4 |
| 5°     | 1055.8 | 1050.7 | 1048.7 | 1050.7 | 1044.6 | 1041.6 | 1047.7 | 1044.6 | 1047.7 | 1048.7 | 1051.7 |
| 7.5°   | 996.0  | 997.1  | 991.0  | 992.0  | 983.9  | 985.9  | 985.9  | 985.9  | 989.0  | 991.0  | 995.0  |
| 10°    | 944.4  | 946.4  | 939.4  | 940.4  | 934.3  | 930.3  | 933.3  | 939.4  | 939.4  | 939.4  | 941.4  |
| 12.5°  | 902.9  | 893.8  | 888.8  | 887.7  | 880.7  | 878.6  | 884.7  | 886.7  | 891.8  | 891.8  | 894.8  |
| 15°    | 851.3  | 849.3  | 845.2  | 845.2  | 828.0  | 832.1  | 834.1  | 841.2  | 851.3  | 843.2  | 845.2  |
| 17.5°  | 804.7  | 799.7  | 794.6  | 792.6  | 790.6  | 784.5  | 792.6  | 791.6  | 797.6  | 798.7  | 801.7  |
| 20°    | 763.2  | 759.2  | 749.1  | 750.1  | 752.1  | 743.0  | 748.0  | 748.0  | 754.1  | 760.2  | 767.3  |
| 22.5°  | 722.7  | 718.7  | 713.6  | 715.7  | 709.6  | 707.6  | 707.6  | 712.6  | 719.7  | 724.8  | 723.8  |
| 25°    | 691.4  | 684.3  | 681.2  | 678.2  | 675.2  | 677.2  | 674.2  | 679.2  | 684.3  | 687.3  | 684.3  |
| 27.5°  | 655.9  | 652.9  | 646.8  | 643.8  | 638.7  | 640.8  | 642.8  | 646.8  | 649.9  | 649.9  | 652.9  |
| 30°    | 621.5  | 617.5  | 615.4  | 612.4  | 612.4  | 608.4  | 609.4  | 613.4  | 616.5  | 619.5  | 623.5  |
| 32.5°  | 588.1  | 585.1  | 582.0  | 582.0  | 580.0  | 579.0  | 578.0  | 584.1  | 584.1  | 590.1  | 590.1  |
| 35°    | 560.8  | 555.7  | 555.7  | 550.7  | 552.7  | 551.7  | 549.6  | 553.7  | 554.7  | 558.8  | 557.7  |
| 37.5°  | 530.4  | 530.4  | 528.4  | 523.3  | 519.3  | 520.3  | 525.4  | 525.4  | 528.4  | 527.4  | 530.4  |
| 40°    | 500.0  | 498.0  | 498.0  | 495.0  | 494.0  | 493.0  | 494.0  | 495.0  | 500.0  | 499.0  | 500.0  |
| 42.5°  | 469.7  | 470.7  | 465.6  | 465.6  | 465.6  | 462.6  | 463.6  | 464.6  | 466.6  | 468.7  | 471.7  |
| 45°    | 440.3  | 438.3  | 437.3  | 435.3  | 433.2  | 434.3  | 433.2  | 437.3  | 436.3  | 438.3  | 441.3  |
| 47.5°  | 408.9  | 405.9  | 404.9  | 400.8  | 400.8  | 402.9  | 401.9  | 404.9  | 405.9  | 408.9  | 406.9  |
| 50°    | 378.6  | 374.5  | 371.5  | 372.5  | 366.4  | 368.5  | 368.5  | 371.5  | 374.5  | 375.5  | 377.6  |
| 52.5°  | 343.2  | 342.1  | 341.1  | 336.1  | 335.1  | 334.0  | 335.1  | 336.1  | 340.1  | 343.2  | 344.2  |
| 55°    | 308.7  | 307.7  | 301.6  | 299.6  | 296.6  | 296.6  | 298.6  | 299.6  | 306.7  | 307.7  | 311.8  |
| 57.5°  | 277.4  | 274.3  | 267.2  | 266.2  | 266.2  | 266.2  | 263.2  | 267.2  | 269.3  | 274.3  | 274.3  |
| 60°    | 242.9  | 242.9  | 236.9  | 236.9  | 237.9  | 236.9  | 236.9  | 237.9  | 237.9  | 241.9  | 244.0  |
| 62.5°  | 215.6  | 214.6  | 214.6  | 212.6  | 211.6  | 212.6  | 211.6  | 211.6  | 212.6  | 215.6  | 218.6  |
| 65°    | 191.3  | 190.3  | 189.3  | 188.3  | 186.3  | 186.3  | 187.3  | 189.3  | 189.3  | 191.3  | 192.3  |
| 67.5°  | 168.0  | 168.0  | 166.0  | 166.0  | 165.0  | 164.0  | 165.0  | 164.0  | 168.0  | 168.0  | 169.0  |
| 70°    | 144.8  | 143.7  | 140.7  | 139.7  | 136.7  | 137.7  | 137.7  | 140.7  | 141.7  | 143.7  | 145.8  |
| 72.5°  | 116.4  | 116.4  | 114.4  | 112.4  | 113.4  | 111.3  | 111.3  | 112.4  | 112.4  | 115.4  | 116.4  |
| 75°    | 96.2   | 94.1   | 93.1   | 94.1   | 93.1   | 95.2   | 93.1   | 93.1   | 95.2   | 95.2   | 95.2   |
| 77.5°  | 79.0   | 79.0   | 77.9   | 77.9   | 79.0   | 77.9   | 79.0   | 79.0   | 79.0   | 77.9   | 79.0   |
| 80°    | 64.8   | 63.8   | 63.8   | 63.8   | 62.8   | 62.8   | 62.8   | 62.8   | 62.8   | 62.8   | 62.8   |
| 82.5°  | 48.6   | 48.6   | 47.6   | 48.6   | 48.6   | 47.6   | 48.6   | 47.6   | 47.6   | 48.6   | 48.6   |
| 85°    | 32.4   | 34.4   | 32.4   | 32.4   | 33.4   | 33.4   | 34.4   | 33.4   | 34.4   | 32.4   | 33.4   |
| 87.5°  | 17.2   | 18.2   | 18.2   | 17.2   | 17.2   | 18.2   | 18.2   | 18.2   | 19.2   | 17.2   | 18.2   |
| 90°    | 27.7   | 27.9   | 28.3   | 28.8   | 29.2   | 29.6   | 29.2   | 28.8   | 28.3   | 27.9   | 27.7   |
| 92.5°  | 44.5   | 44.3   | 43.8   | 43.4   | 42.9   | 42.5   | 42.9   | 43.4   | 43.8   | 44.3   | 44.5   |
| 95°    | 77.1   | 77.1   | 77.1   | 77.1   | 77.1   | 77.1   | 77.1   | 77.1   | 77.1   | 77.1   | 77.1   |
| 97.5°  | 111.7  | 111.6  | 111.4  | 111.1  | 110.9  | 110.7  | 110.9  | 111.1  | 111.4  | 111.6  | 111.7  |
| 100°   | 148.2  | 148.4  | 148.9  | 149.3  | 149.8  | 150.2  | 149.8  | 149.3  | 148.9  | 148.4  | 148.2  |
| 102.5° | 191.7  | 191.6  | 191.4  | 191.1  | 190.9  | 190.7  | 190.9  | 191.1  | 191.4  | 191.6  | 191.7  |
| 105°   | 233.2  | 233.4  | 233.9  | 234.3  | 234.8  | 235.2  | 234.8  | 234.3  | 233.9  | 233.4  | 233.2  |
| 107.5° | 281.6  | 281.5  | 281.3  | 281.0  | 280.8  | 280.6  | 280.8  | 281.0  | 281.3  | 281.5  | 281.6  |
| 110°   | 329.0  | 328.8  | 328.4  | 327.9  | 327.5  | 327.1  | 327.5  | 327.9  | 328.4  | 328.8  | 329.0  |

TEST NUMBER: P1032383

CATALOG NUMBER: S123RDIW-B775D1030UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 376.5  | 376.5  | 376.5  | 376.5  | 376.5  | 376.5  | 376.5  | 376.5  | 376.5  | 376.5  | 376.5  |
| 115°   | 421.9  | 421.8  | 421.6  | 421.3  | 421.1  | 420.9  | 421.1  | 421.3  | 421.6  | 421.8  | 421.9  |
| 117.5° | 469.4  | 469.1  | 468.4  | 467.7  | 467.1  | 466.4  | 467.1  | 467.7  | 468.4  | 469.1  | 469.4  |
| 120°   | 516.8  | 516.6  | 516.1  | 515.7  | 515.2  | 514.8  | 515.2  | 515.7  | 516.1  | 516.6  | 516.8  |
| 122.5° | 564.2  | 563.9  | 563.2  | 562.6  | 561.9  | 561.3  | 561.9  | 562.6  | 563.2  | 563.9  | 564.2  |
| 125°   | 611.6  | 611.2  | 610.3  | 609.4  | 608.6  | 607.7  | 608.6  | 609.4  | 610.3  | 611.2  | 611.6  |
| 127.5° | 658.1  | 657.7  | 656.8  | 655.9  | 655.0  | 654.1  | 655.0  | 655.9  | 656.8  | 657.7  | 658.1  |
| 130°   | 706.5  | 705.7  | 704.2  | 702.7  | 701.1  | 699.6  | 701.1  | 702.7  | 704.2  | 705.7  | 706.5  |
| 132.5° | 752.0  | 751.4  | 750.3  | 749.2  | 748.1  | 747.0  | 748.1  | 749.2  | 750.3  | 751.4  | 752.0  |
| 135°   | 798.4  | 798.2  | 797.7  | 797.3  | 796.8  | 796.4  | 796.8  | 797.3  | 797.7  | 798.2  | 798.4  |
| 137.5° | 842.9  | 842.6  | 841.9  | 841.2  | 840.6  | 839.9  | 840.6  | 841.2  | 841.9  | 842.6  | 842.9  |
| 140°   | 889.3  | 888.5  | 887.0  | 885.5  | 883.9  | 882.4  | 883.9  | 885.5  | 887.0  | 888.5  | 889.3  |
| 142.5° | 930.8  | 930.3  | 929.2  | 928.1  | 927.0  | 925.9  | 927.0  | 928.1  | 929.2  | 930.3  | 930.8  |
| 145°   | 971.3  | 970.9  | 970.0  | 969.1  | 968.3  | 967.4  | 968.3  | 969.1  | 970.0  | 970.9  | 971.3  |
| 147.5° | 1010.8 | 1010.1 | 1008.8 | 1007.5 | 1006.2 | 1004.9 | 1006.2 | 1007.5 | 1008.8 | 1010.1 | 1010.8 |
| 150°   | 1046.4 | 1045.7 | 1044.4 | 1043.1 | 1041.8 | 1040.5 | 1041.8 | 1043.1 | 1044.4 | 1045.7 | 1046.4 |
| 152.5° | 1080.0 | 1079.5 | 1078.4 | 1077.3 | 1076.2 | 1075.1 | 1076.2 | 1077.3 | 1078.4 | 1079.5 | 1080.0 |
| 155°   | 1112.6 | 1111.8 | 1110.3 | 1108.8 | 1107.2 | 1105.7 | 1107.2 | 1108.8 | 1110.3 | 1111.8 | 1112.6 |
| 157.5° | 1140.3 | 1139.6 | 1138.3 | 1137.0 | 1135.7 | 1134.4 | 1135.7 | 1137.0 | 1138.3 | 1139.6 | 1140.3 |
| 160°   | 1166.0 | 1165.6 | 1164.7 | 1163.8 | 1162.9 | 1162.0 | 1162.9 | 1163.8 | 1164.7 | 1165.6 | 1166.0 |
| 162.5° | 1189.7 | 1188.9 | 1187.4 | 1185.9 | 1184.3 | 1182.8 | 1184.3 | 1185.9 | 1187.4 | 1188.9 | 1189.7 |
| 165°   | 1209.5 | 1208.7 | 1207.2 | 1205.6 | 1204.1 | 1202.5 | 1204.1 | 1205.6 | 1207.2 | 1208.7 | 1209.5 |
| 167.5° | 1226.3 | 1225.6 | 1224.3 | 1223.0 | 1221.6 | 1220.3 | 1221.6 | 1223.0 | 1224.3 | 1225.6 | 1226.3 |
| 170°   | 1240.1 | 1239.3 | 1237.8 | 1236.3 | 1234.7 | 1233.2 | 1234.7 | 1236.3 | 1237.8 | 1239.3 | 1240.1 |
| 172.5° | 1250.0 | 1249.2 | 1247.7 | 1246.2 | 1244.6 | 1243.1 | 1244.6 | 1246.2 | 1247.7 | 1249.2 | 1250.0 |
| 175°   | 1256.9 | 1256.1 | 1254.6 | 1253.1 | 1251.5 | 1250.0 | 1251.5 | 1253.1 | 1254.6 | 1256.1 | 1256.9 |
| 177.5° | 1260.8 | 1260.0 | 1258.5 | 1257.0 | 1255.4 | 1253.9 | 1255.4 | 1257.0 | 1258.5 | 1260.0 | 1260.8 |
| 180°   | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 |

TEST NUMBER: P1032383

CATALOG NUMBER: S123RDIW-B775D1030UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 | 1182.3 |
| 2.5°   | 1118.5 | 1122.6 | 1118.5 | 1110.4 | 1118.5 | 1123.6 | 1128.7 | 1136.8 | 1140.8 | 1140.8 | 1146.9 |
| 5°     | 1054.8 | 1062.9 | 1059.8 | 1057.8 | 1065.9 | 1071.0 | 1079.1 | 1089.2 | 1100.3 | 1107.4 | 1115.5 |
| 7.5°   | 998.1  | 1003.1 | 1008.2 | 1008.2 | 1016.3 | 1027.4 | 1039.6 | 1051.7 | 1065.9 | 1076.0 | 1082.1 |
| 10°    | 948.5  | 952.5  | 955.6  | 959.6  | 971.8  | 983.9  | 1000.1 | 1015.3 | 1027.4 | 1038.6 | 1048.7 |
| 12.5°  | 900.9  | 907.0  | 914.1  | 917.1  | 926.2  | 941.4  | 956.6  | 974.8  | 994.0  | 1005.2 | 1015.3 |
| 15°    | 855.3  | 858.4  | 866.5  | 875.6  | 883.7  | 899.9  | 919.1  | 938.4  | 954.5  | 971.8  | 980.9  |
| 17.5°  | 808.8  | 809.8  | 831.1  | 826.0  | 852.3  | 867.5  | 877.6  | 895.8  | 922.2  | 936.3  | 950.5  |
| 20°    | 763.2  | 773.4  | 782.5  | 787.5  | 801.7  | 818.9  | 848.3  | 862.4  | 883.7  | 896.8  | 909.0  |
| 22.5°  | 727.8  | 743.0  | 743.0  | 755.1  | 762.2  | 778.4  | 799.7  | 827.0  | 850.3  | 859.4  | 876.6  |
| 25°    | 696.4  | 703.5  | 715.7  | 719.7  | 732.9  | 747.0  | 761.2  | 790.6  | 815.9  | 828.0  | 840.2  |
| 27.5°  | 655.9  | 665.0  | 681.2  | 681.2  | 698.4  | 713.6  | 730.8  | 750.1  | 775.4  | 792.6  | 805.7  |
| 30°    | 624.6  | 633.7  | 640.8  | 651.9  | 659.0  | 673.1  | 703.5  | 717.7  | 740.0  | 755.1  | 771.3  |
| 32.5°  | 595.2  | 602.3  | 608.4  | 620.5  | 628.6  | 644.8  | 661.0  | 686.3  | 705.5  | 719.7  | 736.9  |
| 35°    | 562.8  | 569.9  | 578.0  | 587.1  | 599.2  | 614.4  | 629.6  | 650.9  | 670.1  | 683.3  | 697.4  |
| 37.5°  | 532.4  | 537.5  | 549.6  | 555.7  | 565.8  | 580.0  | 599.2  | 621.5  | 638.7  | 648.8  | 663.0  |
| 40°    | 503.1  | 507.1  | 516.2  | 527.4  | 534.5  | 545.6  | 565.8  | 585.1  | 606.3  | 618.5  | 629.6  |
| 42.5°  | 471.7  | 476.8  | 484.9  | 496.0  | 507.1  | 519.3  | 530.4  | 552.7  | 571.9  | 582.0  | 594.2  |
| 45°    | 444.4  | 447.4  | 453.5  | 464.6  | 475.8  | 484.9  | 502.1  | 522.3  | 540.5  | 548.6  | 561.8  |
| 47.5°  | 412.0  | 415.0  | 424.1  | 429.2  | 441.3  | 453.5  | 470.7  | 490.9  | 507.1  | 515.2  | 527.4  |
| 50°    | 378.6  | 381.6  | 387.7  | 398.8  | 406.9  | 420.1  | 435.3  | 452.5  | 472.7  | 483.9  | 490.9  |
| 52.5°  | 346.2  | 352.3  | 357.3  | 366.4  | 376.6  | 389.7  | 403.9  | 420.1  | 437.3  | 448.4  | 456.5  |
| 55°    | 313.8  | 318.9  | 324.9  | 330.0  | 342.1  | 354.3  | 370.5  | 385.7  | 400.8  | 411.0  | 420.1  |
| 57.5°  | 277.4  | 284.4  | 290.5  | 300.6  | 309.7  | 319.9  | 338.1  | 350.2  | 368.5  | 375.5  | 383.6  |
| 60°    | 246.0  | 253.1  | 258.1  | 266.2  | 274.3  | 287.5  | 299.6  | 314.8  | 330.0  | 339.1  | 349.2  |
| 62.5°  | 219.7  | 222.7  | 225.7  | 233.8  | 241.9  | 254.1  | 266.2  | 281.4  | 297.6  | 302.7  | 310.8  |
| 65°    | 193.3  | 196.4  | 201.4  | 208.5  | 214.6  | 221.7  | 234.8  | 247.0  | 262.2  | 270.3  | 273.3  |
| 67.5°  | 171.1  | 174.1  | 175.1  | 180.2  | 185.2  | 193.3  | 200.4  | 212.6  | 226.7  | 231.8  | 237.9  |
| 70°    | 145.8  | 150.8  | 151.8  | 155.9  | 157.9  | 163.0  | 171.1  | 180.2  | 191.3  | 200.4  | 205.5  |
| 72.5°  | 116.4  | 123.5  | 125.5  | 131.6  | 134.6  | 139.7  | 145.8  | 152.8  | 159.9  | 164.0  | 168.0  |
| 75°    | 95.2   | 97.2   | 98.2   | 103.2  | 108.3  | 115.4  | 118.4  | 122.5  | 128.6  | 133.6  | 137.7  |
| 77.5°  | 79.0   | 80.0   | 81.0   | 81.0   | 82.0   | 86.0   | 92.1   | 97.2   | 101.2  | 103.2  | 106.3  |
| 80°    | 63.8   | 62.8   | 62.8   | 63.8   | 63.8   | 63.8   | 65.8   | 72.9   | 74.9   | 80.0   | 79.0   |
| 82.5°  | 49.6   | 47.6   | 48.6   | 47.6   | 47.6   | 47.6   | 47.6   | 48.6   | 48.6   | 51.6   | 53.6   |
| 85°    | 32.4   | 33.4   | 32.4   | 32.4   | 31.4   | 32.4   | 31.4   | 31.4   | 30.4   | 30.4   | 29.4   |
| 87.5°  | 17.2   | 18.2   | 17.2   | 17.2   | 16.2   | 17.2   | 16.2   | 16.2   | 15.2   | 15.2   | 13.2   |
| 90°    | 27.3   | 26.4   | 25.5   | 24.6   | 23.7   | 20.9   | 18.0   | 15.2   | 12.3   | 10.9   | 9.8    |
| 92.5°  | 44.2   | 43.5   | 42.8   | 42.2   | 41.5   | 40.2   | 38.9   | 37.6   | 36.3   | 35.6   | 34.9   |
| 95°    | 76.7   | 75.8   | 74.9   | 74.0   | 73.1   | 71.3   | 69.6   | 67.8   | 66.1   | 65.2   | 64.4   |
| 97.5°  | 111.1  | 110.0  | 108.9  | 107.8  | 106.7  | 105.4  | 104.1  | 102.8  | 101.5  | 100.8  | 100.2  |
| 100°   | 147.9  | 147.2  | 146.6  | 145.9  | 145.3  | 144.2  | 143.1  | 142.0  | 140.9  | 140.3  | 139.6  |
| 102.5° | 191.4  | 190.7  | 190.0  | 189.4  | 188.7  | 187.2  | 185.6  | 184.1  | 182.6  | 181.8  | 181.5  |
| 105°   | 233.2  | 233.2  | 233.2  | 233.2  | 233.2  | 231.2  | 229.2  | 227.3  | 225.3  | 224.3  | 224.1  |
| 107.5° | 281.3  | 280.6  | 279.9  | 279.3  | 278.6  | 277.7  | 276.9  | 276.0  | 275.1  | 274.7  | 274.6  |
| 110°   | 328.6  | 327.7  | 326.8  | 326.0  | 325.1  | 324.7  | 324.2  | 323.8  | 323.3  | 323.1  | 322.9  |

TEST NUMBER: P1032383

CATALOG NUMBER: S123RDIW-B775D1030UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 375.9  | 374.8  | 373.7  | 372.6  | 371.5  | 371.5  | 371.5  | 371.5  | 371.5  | 371.5  | 371.4  |
| 115°   | 421.8  | 421.6  | 421.3  | 421.1  | 420.9  | 421.3  | 421.8  | 422.2  | 422.7  | 422.9  | 422.6  |
| 117.5° | 469.4  | 469.4  | 469.4  | 469.4  | 469.4  | 469.8  | 470.2  | 470.7  | 471.1  | 471.3  | 471.2  |
| 120°   | 516.9  | 517.1  | 517.4  | 517.6  | 517.8  | 518.9  | 520.0  | 521.1  | 522.2  | 522.7  | 522.0  |
| 122.5° | 564.5  | 565.2  | 565.9  | 566.5  | 567.2  | 567.6  | 568.1  | 568.5  | 569.0  | 569.2  | 568.8  |
| 125°   | 612.0  | 612.9  | 613.8  | 614.7  | 615.6  | 616.0  | 616.5  | 616.9  | 617.4  | 617.6  | 617.3  |
| 127.5° | 658.8  | 660.1  | 661.4  | 662.7  | 664.0  | 664.4  | 664.9  | 665.3  | 665.8  | 666.0  | 665.3  |
| 130°   | 706.9  | 707.8  | 708.7  | 709.6  | 710.5  | 711.1  | 711.8  | 712.4  | 713.1  | 713.4  | 712.5  |
| 132.5° | 752.5  | 753.6  | 754.7  | 755.8  | 756.9  | 757.3  | 757.8  | 758.2  | 758.7  | 758.9  | 758.0  |
| 135°   | 798.8  | 799.7  | 800.6  | 801.5  | 802.4  | 802.6  | 802.8  | 803.0  | 803.2  | 803.3  | 802.6  |
| 137.5° | 843.4  | 844.5  | 845.6  | 846.7  | 847.8  | 847.1  | 846.5  | 845.8  | 845.1  | 844.8  | 844.3  |
| 140°   | 889.4  | 889.6  | 889.9  | 890.1  | 890.3  | 890.1  | 889.9  | 889.6  | 889.4  | 889.3  | 888.8  |
| 142.5° | 930.9  | 931.1  | 931.4  | 931.6  | 931.8  | 931.4  | 930.9  | 930.5  | 930.0  | 929.8  | 929.3  |
| 145°   | 971.4  | 971.6  | 971.9  | 972.1  | 972.3  | 971.6  | 971.0  | 970.3  | 969.6  | 969.3  | 969.1  |
| 147.5° | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.8 | 1010.2 | 1009.5 | 1008.9 | 1008.2 | 1007.9 | 1007.5 |
| 150°   | 1046.4 | 1046.4 | 1046.4 | 1046.4 | 1046.4 | 1046.0 | 1045.5 | 1045.1 | 1044.6 | 1044.4 | 1044.2 |
| 152.5° | 1079.8 | 1079.3 | 1078.9 | 1078.4 | 1078.0 | 1077.8 | 1077.6 | 1077.3 | 1077.1 | 1077.0 | 1076.7 |
| 155°   | 1112.2 | 1111.3 | 1110.4 | 1109.6 | 1108.7 | 1108.5 | 1108.3 | 1108.0 | 1107.8 | 1107.7 | 1107.7 |
| 157.5° | 1139.9 | 1139.0 | 1138.1 | 1137.2 | 1136.3 | 1136.1 | 1135.9 | 1135.6 | 1135.4 | 1135.3 | 1135.4 |
| 160°   | 1165.4 | 1164.3 | 1163.2 | 1162.1 | 1161.0 | 1161.0 | 1161.0 | 1161.0 | 1161.0 | 1161.0 | 1161.2 |
| 162.5° | 1189.2 | 1188.1 | 1187.0 | 1185.9 | 1184.8 | 1184.6 | 1184.4 | 1184.1 | 1183.9 | 1183.8 | 1184.1 |
| 165°   | 1208.8 | 1207.5 | 1206.2 | 1204.8 | 1203.5 | 1203.5 | 1203.5 | 1203.5 | 1203.5 | 1203.5 | 1203.8 |
| 167.5° | 1225.6 | 1224.3 | 1223.0 | 1221.6 | 1220.3 | 1220.1 | 1219.9 | 1219.6 | 1219.4 | 1219.3 | 1219.7 |
| 170°   | 1239.3 | 1237.8 | 1236.3 | 1234.7 | 1233.2 | 1233.2 | 1233.2 | 1233.2 | 1233.2 | 1233.2 | 1233.6 |
| 172.5° | 1249.3 | 1248.0 | 1246.7 | 1245.3 | 1244.0 | 1244.0 | 1244.0 | 1244.0 | 1244.0 | 1244.0 | 1244.4 |
| 175°   | 1256.2 | 1254.9 | 1253.6 | 1252.3 | 1251.0 | 1251.0 | 1251.0 | 1251.0 | 1251.0 | 1251.0 | 1251.4 |
| 177.5° | 1260.1 | 1258.8 | 1257.5 | 1256.2 | 1254.9 | 1254.9 | 1254.9 | 1254.9 | 1254.9 | 1254.9 | 1255.3 |
| 180°   | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 | 1257.9 |

TEST NUMBER: P1032383

CATALOG NUMBER: S123RDIW-B775D1030UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1182.3 | 1182.3 | 1182.3 | 1182.3 |
| 2.5°   | 1151.9 | 1159.0 | 1173.2 | 1185.3 |
| 5°     | 1127.6 | 1138.8 | 1160.0 | 1181.3 |
| 7.5°   | 1098.3 | 1115.5 | 1142.8 | 1172.2 |
| 10°    | 1069.9 | 1092.2 | 1125.6 | 1160.0 |
| 12.5°  | 1041.6 | 1064.9 | 1100.3 | 1144.8 |
| 15°    | 1008.2 | 1032.5 | 1075.0 | 1128.7 |
| 17.5°  | 978.8  | 1011.2 | 1049.7 | 1103.3 |
| 20°    | 947.5  | 971.8  | 1021.4 | 1078.0 |
| 22.5°  | 908.0  | 948.5  | 995.0  | 1054.8 |
| 25°    | 876.6  | 912.0  | 958.6  | 1026.4 |
| 27.5°  | 838.1  | 879.6  | 936.3  | 996.0  |
| 30°    | 806.8  | 841.2  | 893.8  | 965.7  |
| 32.5°  | 770.3  | 810.8  | 865.5  | 936.3  |
| 35°    | 737.9  | 772.3  | 824.0  | 895.8  |
| 37.5°  | 699.5  | 736.9  | 794.6  | 858.4  |
| 40°    | 666.1  | 702.5  | 757.2  | 816.9  |
| 42.5°  | 625.6  | 664.0  | 718.7  | 769.3  |
| 45°    | 593.2  | 628.6  | 672.1  | 718.7  |
| 47.5°  | 553.7  | 591.2  | 633.7  | 666.1  |
| 50°    | 518.3  | 552.7  | 586.1  | 613.4  |
| 52.5°  | 479.8  | 511.2  | 541.6  | 561.8  |
| 55°    | 444.4  | 468.7  | 493.0  | 507.1  |
| 57.5°  | 402.9  | 426.2  | 446.4  | 454.5  |
| 60°    | 366.4  | 385.7  | 398.8  | 407.9  |
| 62.5°  | 328.0  | 342.1  | 352.3  | 357.3  |
| 65°    | 290.5  | 300.6  | 305.7  | 310.8  |
| 67.5°  | 252.0  | 261.2  | 264.2  | 270.3  |
| 70°    | 211.6  | 221.7  | 223.7  | 226.7  |
| 72.5°  | 181.2  | 181.2  | 185.2  | 189.3  |
| 75°    | 144.8  | 146.8  | 148.8  | 148.8  |
| 77.5°  | 113.4  | 113.4  | 115.4  | 116.4  |
| 80°    | 83.0   | 84.0   | 84.0   | 83.0   |
| 82.5°  | 56.7   | 58.7   | 56.7   | 55.7   |
| 85°    | 31.4   | 35.4   | 33.4   | 33.4   |
| 87.5°  | 13.2   | 13.2   | 15.2   | 13.2   |
| 90°    | 7.6    | 5.4    | 3.2    | 1.0    |
| 92.5°  | 33.6   | 32.3   | 30.9   | 29.6   |
| 95°    | 62.9   | 61.4   | 59.8   | 58.3   |
| 97.5°  | 99.1   | 98.0   | 96.9   | 95.8   |
| 100°   | 138.3  | 137.0  | 135.7  | 134.4  |
| 102.5° | 180.8  | 180.1  | 179.5  | 178.8  |
| 105°   | 223.6  | 223.2  | 222.7  | 222.3  |
| 107.5° | 274.4  | 274.1  | 273.9  | 273.7  |
| 110°   | 322.4  | 322.0  | 321.5  | 321.1  |

TEST NUMBER: P1032383

CATALOG NUMBER: S123RDIW-B775D1030UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 371.2  | 370.9  | 370.7  | 370.5  |
| 115°   | 421.9  | 421.3  | 420.6  | 420.0  |
| 117.5° | 471.0  | 470.7  | 470.5  | 470.3  |
| 120°   | 520.7  | 519.4  | 518.1  | 516.8  |
| 122.5° | 567.9  | 567.0  | 566.1  | 565.2  |
| 125°   | 616.6  | 615.9  | 615.3  | 614.6  |
| 127.5° | 664.0  | 662.7  | 661.4  | 660.1  |
| 130°   | 710.8  | 709.0  | 707.3  | 705.5  |
| 132.5° | 756.3  | 754.5  | 752.8  | 751.0  |
| 135°   | 801.3  | 800.0  | 798.7  | 797.4  |
| 137.5° | 843.2  | 842.1  | 841.0  | 839.9  |
| 140°   | 887.7  | 886.6  | 885.5  | 884.4  |
| 142.5° | 928.2  | 927.1  | 926.0  | 924.9  |
| 145°   | 968.7  | 968.2  | 967.8  | 967.4  |
| 147.5° | 1006.6 | 1005.7 | 1004.8 | 1003.9 |
| 150°   | 1043.8 | 1043.3 | 1042.9 | 1042.5 |
| 152.5° | 1076.0 | 1075.4 | 1074.7 | 1074.1 |
| 155°   | 1107.7 | 1107.7 | 1107.7 | 1107.7 |
| 157.5° | 1135.6 | 1135.9 | 1136.1 | 1136.3 |
| 160°   | 1161.7 | 1162.1 | 1162.6 | 1163.0 |
| 162.5° | 1184.8 | 1185.4 | 1186.1 | 1186.7 |
| 165°   | 1204.5 | 1205.2 | 1205.8 | 1206.5 |
| 167.5° | 1220.6 | 1221.5 | 1222.4 | 1223.3 |
| 170°   | 1234.5 | 1235.4 | 1236.2 | 1237.1 |
| 172.5° | 1245.3 | 1246.2 | 1247.1 | 1248.0 |
| 175°   | 1252.3 | 1253.2 | 1254.0 | 1254.9 |
| 177.5° | 1256.2 | 1257.1 | 1258.0 | 1258.9 |
| 180°   | 1257.9 | 1257.9 | 1257.9 | 1257.9 |

(END OF REPORT)