

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: P1012097

Luminaire Tested: S123DIP-B775D805UB40-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1012097  
REPORT IS A COMBINATION OF REPORTS P990502 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123DIP-B775D805UB40-4F0-XX-W2A-A1  
Description: Define 3 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

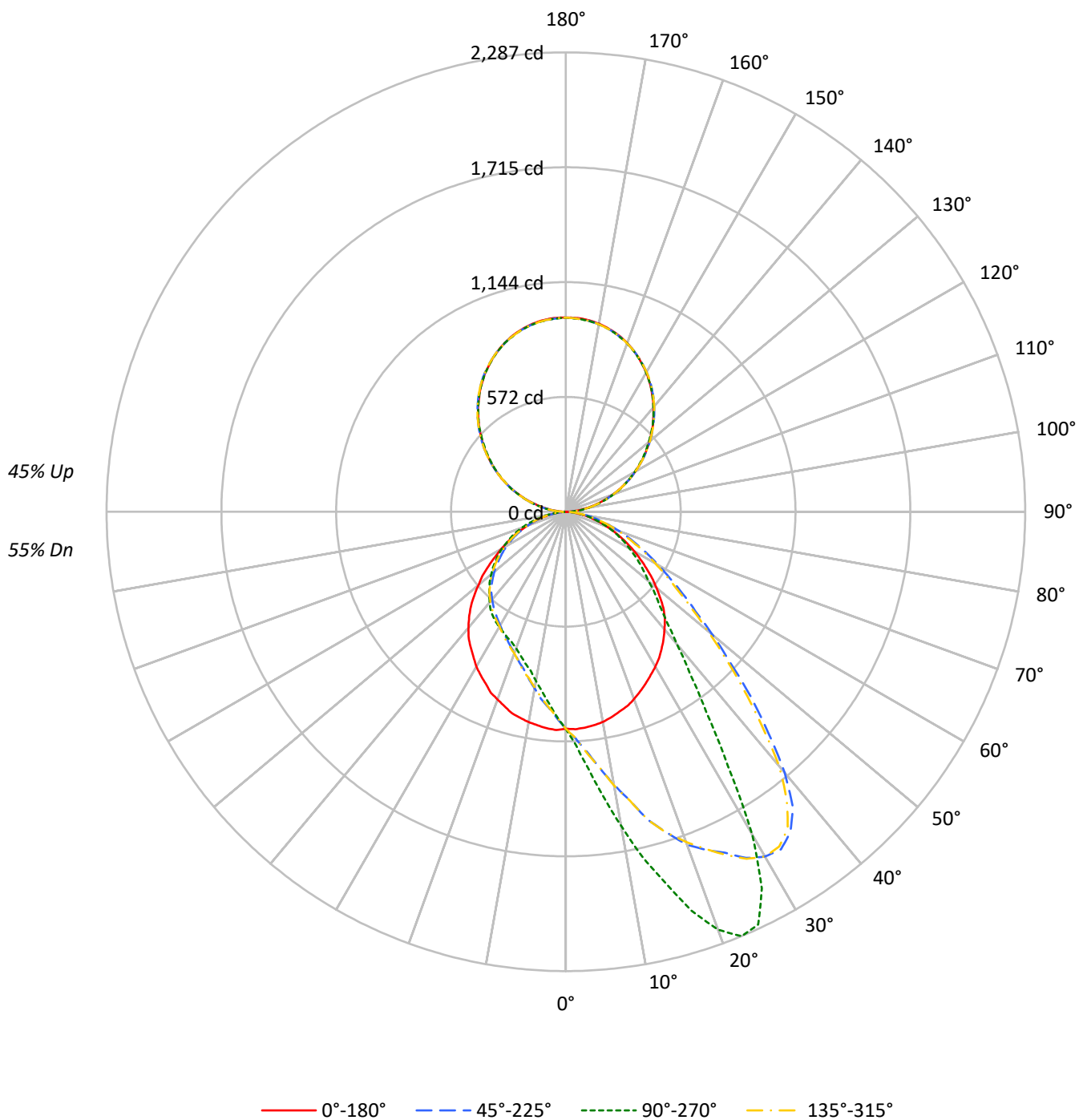
Lumens per Lamp: N/A  
Luminaire Lumens: 5940.0 lumens  
Efficiency: N/A  
Efficacy: 104.2 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 57  
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: P1012097

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
| 0   | 108 | 108 | 108 | 108 | 101 | 101 | 101 | 101 | 86 | 86 | 86 | 73 | 73 | 73 | 61 | 61 | 61 |
| 1   | 99  | 95  | 91  | 88  | 92  | 88  | 85  | 82  | 76 | 74 | 71 | 65 | 63 | 61 | 54 | 53 | 52 |
| 2   | 91  | 83  | 77  | 72  | 84  | 78  | 72  | 68  | 67 | 63 | 60 | 57 | 54 | 52 | 48 | 46 | 44 |
| 3   | 83  | 73  | 66  | 60  | 77  | 69  | 62  | 57  | 59 | 54 | 50 | 51 | 47 | 44 | 43 | 40 | 38 |
| 4   | 76  | 65  | 57  | 51  | 70  | 61  | 54  | 49  | 53 | 47 | 43 | 45 | 41 | 38 | 38 | 35 | 33 |
| 5   | 70  | 58  | 50  | 44  | 65  | 54  | 47  | 42  | 47 | 42 | 37 | 41 | 36 | 33 | 35 | 31 | 29 |
| 6   | 64  | 52  | 44  | 38  | 60  | 49  | 42  | 36  | 43 | 37 | 33 | 37 | 32 | 29 | 31 | 28 | 25 |
| 7   | 59  | 47  | 39  | 34  | 55  | 44  | 37  | 32  | 39 | 33 | 29 | 34 | 29 | 26 | 29 | 25 | 23 |
| 8   | 55  | 43  | 35  | 30  | 51  | 40  | 33  | 28  | 35 | 30 | 26 | 31 | 26 | 23 | 26 | 23 | 20 |
| 9   | 51  | 39  | 32  | 27  | 48  | 37  | 30  | 25  | 32 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 |
| 10  | 48  | 36  | 29  | 24  | 45  | 34  | 27  | 23  | 30 | 24 | 21 | 26 | 22 | 19 | 23 | 19 | 17 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 11626 | 11626 | 11626 | 11626 |
| 5°  | 11634 | 13396 | 11668 | 9998  |
| 10° | 11560 | 16210 | 11572 | 8730  |
| 15° | 11400 | 19225 | 11493 | 7859  |
| 20° | 11263 | 22134 | 11287 | 7231  |
| 25° | 11059 | 22692 | 11084 | 6904  |
| 30° | 10913 | 18748 | 10913 | 6689  |
| 35° | 10732 | 12538 | 10665 | 6500  |
| 40° | 10515 | 9051  | 10385 | 6210  |
| 45° | 10243 | 7170  | 9947  | 5850  |
| 50° | 9583  | 6088  | 9241  | 5495  |
| 55° | 8857  | 5351  | 8496  | 5100  |
| 60° | 8120  | 4658  | 7688  | 4685  |
| 65° | 7313  | 3989  | 6957  | 4132  |
| 70° | 6473  | 3311  | 6040  | 3485  |
| 75° | 5535  | 2497  | 5177  | 2689  |
| 80° | 4376  | 1667  | 4034  | 1768  |
| 85° | 3016  | 765   | 2411  | 696   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 18751 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 106.2  | 1.8       |
| 10°-20°   | 341.2  | 5.7       |
| 20°-30°   | 574.1  | 9.7       |
| 30°-40°   | 648.8  | 10.9      |
| 40°-50°   | 581.1  | 9.8       |
| 50°-60°   | 469.1  | 7.9       |
| 60°-70°   | 326.9  | 5.5       |
| 70°-80°   | 171.6  | 2.9       |
| 80°-90°   | 43.2   | 0.7       |
| 90°-100°  | 62.2   | 1.0       |
| 100°-110° | 188.3  | 3.2       |
| 110°-120° | 320.6  | 5.4       |
| 120°-130° | 421.7  | 7.1       |
| 130°-140° | 474.0  | 8.0       |
| 140°-150° | 466.0  | 7.8       |
| 150°-160° | 392.4  | 6.6       |
| 160°-170° | 261.2  | 4.4       |
| 170°-180° | 91.5   | 1.5       |
| 0°-30°    | 1021.5 | 17.2      |
| 0°-40°    | 1670.3 | 28.1      |
| 0°-60°    | 2720.4 | 45.8      |
| 0°-90°    | 3262.1 | 54.9      |
| 90°-120°  | 571.1  | 9.6       |
| 90°-150°  | 1932.9 | 32.5      |
| 90°-180°  | 2678.0 | 45.1      |
| 0°-180°   | 5940.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1080 | 1080 | 1080 | 1080 | 1080 |      |
| 5°   | 1079 | 1283 | 1082 | 958  | 1079 | 102  |
| 15°  | 1030 | 1910 | 1038 | 781  | 1030 | 291  |
| 25°  | 942  | 2267 | 944  | 690  | 942  | 435  |
| 35°  | 831  | 1221 | 826  | 633  | 831  | 520  |
| 45°  | 690  | 659  | 670  | 538  | 690  | 528  |
| 55°  | 489  | 448  | 469  | 427  | 489  | 438  |
| 65°  | 302  | 291  | 288  | 301  | 302  | 301  |
| 75°  | 146  | 150  | 136  | 161  | 146  | 156  |
| 85°  | 31   | 34   | 25   | 31   | 31   | 36   |
| 90°  | 1    | 23   | 1    | 23   | 1    | 5    |
| 95°  | 45   | 59   | 45   | 59   | 45   | 49   |
| 105° | 171  | 181  | 171  | 181  | 171  | 183  |
| 115° | 323  | 323  | 323  | 323  | 323  | 319  |
| 125° | 472  | 467  | 472  | 467  | 472  | 421  |
| 135° | 613  | 612  | 613  | 612  | 613  | 472  |
| 145° | 743  | 743  | 743  | 743  | 743  | 464  |
| 155° | 851  | 850  | 851  | 850  | 851  | 392  |
| 165° | 927  | 924  | 927  | 924  | 927  | 261  |
| 175° | 964  | 960  | 964  | 960  | 964  | 92   |
| 180° | 966  | 966  | 966  | 966  | 966  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 |
| 2.5°   | 1083.3 | 1091.6 | 1095.8 | 1102.1 | 1108.4 | 1117.8 | 1120.9 | 1126.2 | 1124.1 | 1128.3 | 1130.4 |
| 5°     | 1079.1 | 1093.7 | 1106.3 | 1122.0 | 1136.6 | 1147.1 | 1157.6 | 1174.3 | 1186.9 | 1189.0 | 1198.4 |
| 7.5°   | 1071.8 | 1092.7 | 1114.7 | 1136.6 | 1164.9 | 1181.7 | 1200.5 | 1223.5 | 1242.4 | 1272.7 | 1284.2 |
| 10°    | 1062.3 | 1091.6 | 1123.0 | 1153.4 | 1192.1 | 1218.3 | 1241.3 | 1280.0 | 1318.8 | 1350.2 | 1379.5 |
| 12.5°  | 1047.7 | 1084.3 | 1125.1 | 1170.1 | 1220.4 | 1250.7 | 1282.1 | 1333.4 | 1392.0 | 1440.2 | 1471.6 |
| 15°    | 1029.9 | 1075.9 | 1128.3 | 1176.4 | 1231.9 | 1288.4 | 1321.9 | 1379.5 | 1463.2 | 1508.2 | 1588.8 |
| 17.5°  | 1015.2 | 1062.3 | 1114.7 | 1190.0 | 1265.4 | 1321.9 | 1346.0 | 1451.7 | 1509.2 | 1584.6 | 1675.7 |
| 20°    | 992.2  | 1051.9 | 1118.9 | 1194.2 | 1291.5 | 1326.1 | 1375.3 | 1482.0 | 1553.2 | 1651.6 | 1763.6 |
| 22.5°  | 968.1  | 1032.0 | 1112.6 | 1191.1 | 1299.9 | 1336.6 | 1403.5 | 1488.3 | 1601.4 | 1698.7 | 1822.2 |
| 25°    | 942.0  | 1011.1 | 1092.7 | 1185.8 | 1292.6 | 1346.0 | 1408.8 | 1513.4 | 1635.9 | 1758.3 | 1872.4 |
| 27.5°  | 915.8  | 991.2  | 1075.9 | 1169.1 | 1272.7 | 1335.5 | 1398.3 | 1507.2 | 1664.2 | 1797.1 | 1942.6 |
| 30°    | 890.7  | 966.0  | 1050.8 | 1146.1 | 1254.9 | 1315.6 | 1375.3 | 1511.3 | 1686.1 | 1835.8 | 1982.3 |
| 32.5°  | 863.5  | 940.9  | 1029.9 | 1109.4 | 1219.3 | 1284.2 | 1351.2 | 1511.3 | 1699.7 | 1858.8 | 1992.8 |
| 35°    | 831.0  | 910.6  | 987.0  | 1066.5 | 1175.4 | 1247.6 | 1322.9 | 1500.9 | 1712.3 | 1866.2 | 1948.8 |
| 37.5°  | 799.6  | 869.8  | 935.7  | 1013.1 | 1127.2 | 1204.7 | 1291.5 | 1488.3 | 1706.0 | 1834.8 | 1857.8 |
| 40°    | 764.0  | 834.2  | 887.5  | 959.8  | 1080.1 | 1170.1 | 1258.1 | 1471.6 | 1678.8 | 1760.4 | 1693.5 |
| 42.5°  | 729.5  | 785.0  | 831.0  | 901.2  | 1032.0 | 1119.9 | 1215.1 | 1441.2 | 1625.4 | 1642.2 | 1491.5 |
| 45°    | 689.7  | 729.5  | 770.3  | 849.9  | 979.7  | 1069.7 | 1175.4 | 1397.3 | 1539.6 | 1491.5 | 1301.0 |
| 47.5°  | 638.4  | 674.0  | 719.0  | 792.3  | 924.2  | 1017.3 | 1117.8 | 1340.7 | 1415.1 | 1314.6 | 1106.3 |
| 50°    | 589.3  | 619.6  | 661.5  | 732.6  | 865.6  | 956.6  | 1063.4 | 1251.8 | 1288.4 | 1130.4 | 953.5  |
| 52.5°  | 540.1  | 563.1  | 603.9  | 675.1  | 808.0  | 895.9  | 993.3  | 1160.7 | 1139.8 | 970.2  | 813.2  |
| 55°    | 488.8  | 508.7  | 547.4  | 617.5  | 741.0  | 824.7  | 917.9  | 1048.7 | 994.3  | 833.1  | 707.5  |
| 57.5°  | 438.5  | 459.5  | 499.2  | 557.9  | 674.0  | 755.7  | 830.0  | 932.6  | 850.9  | 722.2  | 611.2  |
| 60°    | 393.5  | 411.3  | 441.7  | 499.2  | 605.0  | 670.9  | 738.9  | 809.0  | 741.0  | 616.5  | 531.7  |
| 62.5°  | 346.4  | 363.2  | 391.4  | 443.8  | 534.8  | 593.4  | 647.9  | 705.4  | 630.1  | 539.0  | 463.7  |
| 65°    | 302.5  | 316.1  | 342.2  | 390.4  | 464.7  | 512.9  | 556.8  | 596.6  | 535.9  | 452.1  | 395.6  |
| 67.5°  | 262.7  | 274.2  | 296.2  | 339.1  | 401.9  | 436.4  | 472.0  | 505.5  | 454.2  | 387.3  | 339.1  |
| 70°    | 219.8  | 229.2  | 249.1  | 280.5  | 330.7  | 366.3  | 392.5  | 417.6  | 371.6  | 318.2  | 285.7  |
| 72.5°  | 182.1  | 191.5  | 204.1  | 236.5  | 271.1  | 293.1  | 321.3  | 334.9  | 308.8  | 264.8  | 232.4  |
| 75°    | 145.5  | 152.8  | 164.3  | 185.3  | 217.7  | 232.4  | 250.1  | 260.6  | 236.5  | 207.2  | 187.3  |
| 77.5°  | 114.1  | 117.2  | 125.6  | 140.2  | 162.2  | 179.0  | 192.6  | 198.9  | 182.1  | 163.3  | 146.5  |
| 80°    | 80.6   | 84.8   | 91.1   | 103.6  | 120.4  | 125.6  | 134.0  | 141.3  | 130.8  | 114.1  | 103.6  |
| 82.5°  | 53.4   | 58.6   | 61.8   | 67.0   | 77.5   | 83.7   | 85.8   | 92.1   | 82.7   | 76.4   | 72.2   |
| 85°    | 31.4   | 33.5   | 34.5   | 37.7   | 42.9   | 46.1   | 49.2   | 50.2   | 48.1   | 47.1   | 42.9   |
| 87.5°  | 15.7   | 15.7   | 15.7   | 17.8   | 18.8   | 20.9   | 22.0   | 22.0   | 22.0   | 20.9   | 19.9   |
| 90°    | 0.8    | 2.5    | 4.2    | 5.9    | 7.6    | 8.4    | 9.5    | 11.7   | 13.8   | 16.0   | 18.2   |
| 92.5°  | 22.8   | 23.8   | 24.8   | 25.8   | 26.8   | 27.3   | 27.8   | 28.8   | 29.9   | 30.9   | 31.9   |
| 95°    | 44.8   | 46.0   | 47.2   | 48.3   | 49.5   | 50.1   | 50.8   | 52.1   | 53.5   | 54.8   | 56.2   |
| 97.5°  | 73.6   | 74.4   | 75.3   | 76.1   | 77.0   | 77.4   | 77.9   | 78.9   | 80.0   | 81.0   | 82.0   |
| 100°   | 103.3  | 104.3  | 105.3  | 106.3  | 107.3  | 107.8  | 108.2  | 109.1  | 109.9  | 110.8  | 111.6  |
| 102.5° | 137.4  | 137.9  | 138.4  | 138.9  | 139.4  | 139.7  | 140.3  | 141.5  | 142.6  | 143.8  | 145.0  |
| 105°   | 170.8  | 171.1  | 171.5  | 171.8  | 172.1  | 172.3  | 173.1  | 174.6  | 176.1  | 177.7  | 179.2  |
| 107.5° | 210.3  | 210.5  | 210.7  | 210.8  | 211.0  | 211.1  | 211.4  | 212.1  | 212.8  | 213.4  | 214.1  |
| 110°   | 246.7  | 247.1  | 247.4  | 247.8  | 248.1  | 248.3  | 248.5  | 248.8  | 249.1  | 249.5  | 249.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 284.7 | 284.9 | 285.1 | 285.2 | 285.4 | 285.5 | 285.5 | 285.5 | 285.5 | 285.5 | 285.5 |
| 115°   | 322.7 | 323.2 | 323.7 | 324.2 | 324.7 | 324.9 | 324.7 | 324.4 | 324.1 | 323.7 | 323.4 |
| 117.5° | 361.4 | 361.6 | 361.7 | 361.9 | 362.0 | 362.1 | 361.9 | 361.6 | 361.3 | 360.9 | 360.6 |
| 120°   | 397.1 | 398.1 | 399.1 | 400.1 | 401.1 | 401.6 | 401.2 | 400.3 | 399.5 | 398.6 | 397.8 |
| 122.5° | 434.3 | 435.0 | 435.6 | 436.3 | 437.0 | 437.3 | 437.1 | 436.8 | 436.5 | 436.1 | 435.8 |
| 125°   | 472.2 | 472.7 | 473.2 | 473.7 | 474.2 | 474.5 | 474.3 | 474.0 | 473.7 | 473.3 | 473.0 |
| 127.5° | 507.2 | 508.2 | 509.2 | 510.2 | 511.2 | 511.7 | 511.5 | 511.2 | 510.9 | 510.5 | 510.2 |
| 130°   | 542.1 | 543.5 | 544.8 | 546.2 | 547.5 | 548.2 | 547.9 | 547.4 | 546.9 | 546.4 | 545.9 |
| 132.5° | 577.0 | 578.4 | 579.7 | 581.1 | 582.4 | 583.1 | 582.9 | 582.6 | 582.3 | 581.9 | 581.6 |
| 135°   | 612.7 | 613.7 | 614.7 | 615.7 | 616.7 | 617.2 | 617.1 | 617.0 | 616.8 | 616.7 | 616.5 |
| 137.5° | 645.3 | 646.1 | 647.0 | 647.8 | 648.7 | 649.1 | 649.4 | 649.9 | 650.4 | 650.9 | 651.4 |
| 140°   | 679.5 | 680.3 | 681.2 | 682.0 | 682.9 | 683.3 | 683.4 | 683.6 | 683.7 | 683.9 | 684.1 |
| 142.5° | 710.6 | 711.4 | 712.3 | 713.1 | 714.0 | 714.4 | 714.6 | 714.9 | 715.2 | 715.6 | 715.9 |
| 145°   | 743.3 | 743.6 | 744.0 | 744.3 | 744.6 | 744.8 | 745.1 | 745.6 | 746.1 | 746.6 | 747.1 |
| 147.5° | 771.4 | 772.1 | 772.7 | 773.4 | 774.1 | 774.4 | 774.7 | 775.2 | 775.7 | 776.2 | 776.7 |
| 150°   | 801.0 | 801.3 | 801.7 | 802.0 | 802.3 | 802.5 | 802.7 | 803.0 | 803.3 | 803.7 | 804.0 |
| 152.5° | 825.3 | 825.8 | 826.3 | 826.8 | 827.3 | 827.5 | 827.6 | 827.8 | 827.9 | 828.1 | 828.3 |
| 155°   | 851.1 | 851.1 | 851.1 | 851.1 | 851.1 | 851.1 | 851.2 | 851.3 | 851.5 | 851.6 | 851.8 |
| 157.5° | 873.1 | 872.9 | 872.7 | 872.6 | 872.4 | 872.3 | 872.4 | 872.6 | 872.7 | 872.9 | 873.1 |
| 160°   | 893.6 | 893.3 | 892.9 | 892.6 | 892.3 | 892.1 | 892.1 | 892.1 | 892.1 | 892.1 | 892.1 |
| 162.5° | 911.8 | 911.3 | 910.8 | 910.3 | 909.8 | 909.5 | 909.6 | 909.8 | 909.9 | 910.1 | 910.3 |
| 165°   | 927.0 | 926.5 | 926.0 | 925.5 | 925.0 | 924.7 | 924.7 | 924.7 | 924.7 | 924.7 | 924.7 |
| 167.5° | 939.9 | 939.2 | 938.6 | 937.9 | 937.2 | 936.9 | 937.0 | 937.1 | 937.3 | 937.4 | 937.6 |
| 170°   | 950.5 | 949.8 | 949.2 | 948.5 | 947.8 | 947.5 | 947.5 | 947.5 | 947.5 | 947.5 | 947.5 |
| 172.5° | 958.9 | 958.2 | 957.6 | 956.9 | 956.2 | 955.9 | 955.9 | 955.9 | 955.9 | 955.9 | 955.9 |
| 175°   | 964.2 | 963.5 | 962.9 | 962.2 | 961.5 | 961.2 | 961.2 | 961.2 | 961.2 | 961.2 | 961.2 |
| 177.5° | 967.2 | 966.5 | 965.9 | 965.2 | 964.5 | 964.2 | 964.2 | 964.2 | 964.2 | 964.2 | 964.2 |
| 180°   | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 |
| 2.5°   | 1137.7 | 1139.8 | 1147.1 | 1152.3 | 1162.8 | 1161.8 | 1161.8 | 1160.7 | 1157.6 | 1162.8 | 1166.0 |
| 5°     | 1217.2 | 1235.0 | 1237.1 | 1260.1 | 1261.2 | 1270.6 | 1276.9 | 1271.7 | 1284.2 | 1283.2 | 1273.8 |
| 7.5°   | 1315.6 | 1339.7 | 1351.2 | 1373.2 | 1398.3 | 1392.0 | 1416.1 | 1420.3 | 1418.2 | 1428.7 | 1436.0 |
| 10°    | 1423.4 | 1465.3 | 1494.6 | 1535.4 | 1545.9 | 1552.2 | 1567.9 | 1581.5 | 1608.7 | 1587.7 | 1601.4 |
| 12.5°  | 1546.9 | 1577.3 | 1616.0 | 1680.9 | 1713.3 | 1734.3 | 1741.6 | 1751.0 | 1769.9 | 1758.3 | 1759.4 |
| 15°    | 1650.5 | 1691.4 | 1757.3 | 1837.9 | 1847.3 | 1873.5 | 1867.2 | 1923.7 | 1950.9 | 1910.1 | 1933.1 |
| 17.5°  | 1758.3 | 1812.8 | 1891.3 | 1961.4 | 2001.2 | 2019.0 | 2035.7 | 2090.1 | 2088.0 | 2081.8 | 2087.0 |
| 20°    | 1827.4 | 1916.4 | 2013.7 | 2106.9 | 2118.4 | 2132.0 | 2177.0 | 2200.0 | 2195.8 | 2213.6 | 2225.1 |
| 22.5°  | 1924.8 | 2019.0 | 2122.6 | 2184.3 | 2210.5 | 2226.2 | 2261.8 | 2276.4 | 2282.7 | 2286.9 | 2279.6 |
| 25°    | 2006.4 | 2106.9 | 2183.3 | 2237.7 | 2253.4 | 2261.8 | 2273.3 | 2277.5 | 2274.3 | 2267.0 | 2273.3 |
| 27.5°  | 2061.9 | 2142.5 | 2194.8 | 2219.9 | 2211.5 | 2197.9 | 2176.0 | 2161.3 | 2128.9 | 2113.2 | 2132.0 |
| 30°    | 2084.9 | 2120.5 | 2136.2 | 2094.3 | 2052.5 | 2019.0 | 1977.1 | 1899.6 | 1838.9 | 1856.7 | 1832.7 |
| 32.5°  | 2048.3 | 2025.2 | 1949.9 | 1842.1 | 1809.6 | 1755.2 | 1636.9 | 1545.9 | 1549.0 | 1500.9 | 1520.8 |
| 35°    | 1940.5 | 1835.8 | 1693.5 | 1530.2 | 1487.3 | 1458.0 | 1328.2 | 1308.3 | 1266.4 | 1221.4 | 1234.0 |
| 37.5°  | 1750.0 | 1597.2 | 1424.5 | 1304.1 | 1240.3 | 1176.4 | 1103.2 | 1059.2 | 1034.1 | 1015.2 | 1029.9 |
| 40°    | 1517.6 | 1331.3 | 1189.0 | 1081.2 | 1026.7 | 985.9  | 935.7  | 891.7  | 863.5  | 860.3  | 865.6  |
| 42.5°  | 1289.5 | 1132.5 | 1001.6 | 899.1  | 881.3  | 833.1  | 800.7  | 766.1  | 757.8  | 744.2  | 751.5  |
| 45°    | 1091.6 | 964.0  | 856.1  | 772.4  | 751.5  | 738.9  | 699.2  | 677.2  | 667.8  | 659.4  | 671.9  |
| 47.5°  | 948.3  | 814.3  | 735.8  | 685.5  | 664.6  | 643.7  | 621.7  | 607.0  | 599.7  | 600.8  | 599.7  |
| 50°    | 810.1  | 711.7  | 642.6  | 603.9  | 591.3  | 576.7  | 558.9  | 549.5  | 546.3  | 536.9  | 544.3  |
| 52.5°  | 697.1  | 625.9  | 577.7  | 541.1  | 531.7  | 521.2  | 506.6  | 501.3  | 494.0  | 491.9  | 491.9  |
| 55°    | 606.0  | 550.5  | 511.8  | 487.7  | 476.2  | 467.8  | 459.5  | 453.2  | 448.0  | 448.0  | 448.0  |
| 57.5°  | 534.8  | 486.7  | 458.4  | 437.5  | 433.3  | 424.9  | 415.5  | 415.5  | 408.2  | 407.1  | 410.3  |
| 60°    | 474.1  | 431.2  | 409.2  | 391.4  | 385.2  | 383.1  | 373.6  | 373.6  | 371.6  | 366.3  | 370.5  |
| 62.5°  | 412.4  | 381.0  | 362.1  | 348.5  | 342.2  | 342.2  | 334.9  | 329.7  | 329.7  | 330.7  | 328.6  |
| 65°    | 355.9  | 332.8  | 316.1  | 305.6  | 302.5  | 298.3  | 297.2  | 293.1  | 289.9  | 291.0  | 289.9  |
| 67.5°  | 305.6  | 287.8  | 276.3  | 267.9  | 262.7  | 260.6  | 257.5  | 257.5  | 255.4  | 256.4  | 251.2  |
| 70°    | 260.6  | 242.8  | 233.4  | 225.0  | 222.9  | 222.9  | 218.7  | 219.8  | 217.7  | 220.8  | 218.7  |
| 72.5°  | 214.6  | 201.0  | 193.6  | 190.5  | 188.4  | 187.3  | 185.3  | 183.2  | 182.1  | 184.2  | 183.2  |
| 75°    | 173.7  | 162.2  | 157.0  | 154.9  | 152.8  | 152.8  | 151.8  | 150.7  | 149.7  | 149.7  | 149.7  |
| 77.5°  | 135.0  | 127.7  | 121.4  | 123.5  | 120.4  | 121.4  | 118.3  | 118.3  | 119.3  | 118.3  | 118.3  |
| 80°    | 99.4   | 94.2   | 94.2   | 92.1   | 87.9   | 90.0   | 90.0   | 86.9   | 85.8   | 87.9   | 84.8   |
| 82.5°  | 65.9   | 64.9   | 62.8   | 61.8   | 59.7   | 60.7   | 59.7   | 58.6   | 57.6   | 59.7   | 57.6   |
| 85°    | 38.7   | 38.7   | 37.7   | 35.6   | 37.7   | 36.6   | 35.6   | 35.6   | 34.5   | 34.5   | 34.5   |
| 87.5°  | 19.9   | 17.8   | 17.8   | 16.7   | 17.8   | 15.7   | 16.7   | 15.7   | 14.7   | 15.7   | 14.7   |
| 90°    | 18.9   | 19.6   | 20.3   | 21.0   | 21.3   | 21.5   | 21.8   | 22.1   | 22.5   | 22.8   | 22.5   |
| 92.5°  | 32.4   | 32.9   | 33.4   | 33.9   | 34.2   | 34.0   | 33.7   | 33.3   | 33.0   | 32.6   | 33.0   |
| 95°    | 56.9   | 57.5   | 58.2   | 58.9   | 59.2   | 59.2   | 59.2   | 59.2   | 59.2   | 59.2   | 59.2   |
| 97.5°  | 82.8   | 83.7   | 84.5   | 85.4   | 85.8   | 85.7   | 85.5   | 85.4   | 85.2   | 85.0   | 85.2   |
| 100°   | 112.1  | 112.6  | 113.1  | 113.6  | 113.9  | 114.1  | 114.4  | 114.7  | 115.1  | 115.4  | 115.1  |
| 102.5° | 145.5  | 146.0  | 146.5  | 147.0  | 147.3  | 147.2  | 147.0  | 146.9  | 146.7  | 146.5  | 146.7  |
| 105°   | 179.2  | 179.2  | 179.2  | 179.2  | 179.2  | 179.4  | 179.7  | 180.0  | 180.4  | 180.7  | 180.4  |
| 107.5° | 214.6  | 215.1  | 215.6  | 216.1  | 216.4  | 216.3  | 216.1  | 216.0  | 215.8  | 215.6  | 215.8  |
| 110°   | 250.5  | 251.1  | 251.8  | 252.5  | 252.8  | 252.6  | 252.3  | 252.0  | 251.6  | 251.3  | 251.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 286.3 | 287.2 | 288.0 | 288.9 | 289.3 | 289.3 | 289.3 | 289.3 | 289.3 | 289.3 | 289.3 |
| 115°   | 323.6 | 323.8 | 323.9 | 324.1 | 324.2 | 324.1 | 323.9 | 323.8 | 323.6 | 323.4 | 323.6 |
| 117.5° | 360.6 | 360.6 | 360.6 | 360.6 | 360.6 | 360.4 | 359.9 | 359.4 | 358.9 | 358.4 | 358.9 |
| 120°   | 397.6 | 397.5 | 397.3 | 397.2 | 397.1 | 396.9 | 396.6 | 396.3 | 395.9 | 395.6 | 395.9 |
| 122.5° | 435.3 | 434.8 | 434.3 | 433.8 | 433.5 | 433.2 | 432.7 | 432.2 | 431.7 | 431.2 | 431.7 |
| 125°   | 472.3 | 471.7 | 471.0 | 470.3 | 470.0 | 469.7 | 469.0 | 468.3 | 467.6 | 466.9 | 467.6 |
| 127.5° | 509.2 | 508.2 | 507.1 | 506.1 | 505.6 | 505.3 | 504.6 | 503.9 | 503.3 | 502.6 | 503.3 |
| 130°   | 545.2 | 544.5 | 543.8 | 543.1 | 542.8 | 542.2 | 541.0 | 539.9 | 538.7 | 537.5 | 538.7 |
| 132.5° | 580.8 | 579.9 | 579.1 | 578.2 | 577.8 | 577.4 | 576.5 | 575.7 | 574.8 | 574.0 | 574.8 |
| 135°   | 615.8 | 615.1 | 614.4 | 613.7 | 613.4 | 613.2 | 612.9 | 612.6 | 612.2 | 611.9 | 612.2 |
| 137.5° | 650.6 | 649.7 | 648.9 | 648.0 | 647.6 | 647.3 | 646.8 | 646.3 | 645.8 | 645.3 | 645.8 |
| 140°   | 683.9 | 683.7 | 683.6 | 683.4 | 683.3 | 682.7 | 681.5 | 680.4 | 679.2 | 678.0 | 679.2 |
| 142.5° | 715.7 | 715.6 | 715.4 | 715.3 | 715.2 | 714.8 | 713.9 | 713.1 | 712.2 | 711.4 | 712.2 |
| 145°   | 746.9 | 746.7 | 746.6 | 746.4 | 746.3 | 746.0 | 745.3 | 744.6 | 744.0 | 743.3 | 744.0 |
| 147.5° | 776.7 | 776.7 | 776.7 | 776.7 | 776.7 | 776.2 | 775.2 | 774.1 | 773.1 | 772.1 | 773.1 |
| 150°   | 804.0 | 804.0 | 804.0 | 804.0 | 804.0 | 803.5 | 802.5 | 801.5 | 800.5 | 799.5 | 800.5 |
| 152.5° | 828.6 | 829.0 | 829.3 | 829.6 | 829.8 | 829.4 | 828.5 | 827.7 | 826.8 | 826.0 | 826.8 |
| 155°   | 852.5 | 853.2 | 853.9 | 854.6 | 854.9 | 854.3 | 853.1 | 852.0 | 850.8 | 849.6 | 850.8 |
| 157.5° | 873.8 | 874.4 | 875.1 | 875.8 | 876.1 | 875.6 | 874.6 | 873.6 | 872.6 | 871.6 | 872.6 |
| 160°   | 892.9 | 893.8 | 894.6 | 895.5 | 895.9 | 895.6 | 894.9 | 894.2 | 893.5 | 892.8 | 893.5 |
| 162.5° | 911.1 | 912.0 | 912.8 | 913.7 | 914.1 | 913.5 | 912.3 | 911.2 | 910.0 | 908.8 | 910.0 |
| 165°   | 925.7 | 926.7 | 927.8 | 928.8 | 929.3 | 928.7 | 927.5 | 926.4 | 925.2 | 924.0 | 925.2 |
| 167.5° | 938.6 | 939.6 | 940.7 | 941.7 | 942.2 | 941.7 | 940.7 | 939.6 | 938.6 | 937.6 | 938.6 |
| 170°   | 948.7 | 949.9 | 951.0 | 952.2 | 952.8 | 952.2 | 951.0 | 949.9 | 948.7 | 947.5 | 948.7 |
| 172.5° | 956.9 | 957.9 | 958.9 | 959.9 | 960.4 | 959.8 | 958.6 | 957.5 | 956.3 | 955.1 | 956.3 |
| 175°   | 962.2 | 963.2 | 964.2 | 965.2 | 965.7 | 965.1 | 963.9 | 962.8 | 961.6 | 960.4 | 961.6 |
| 177.5° | 965.2 | 966.2 | 967.3 | 968.3 | 968.8 | 968.2 | 967.0 | 965.8 | 964.6 | 963.4 | 964.6 |
| 180°   | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 |

TEST NUMBER: P1012097

CATALOG NUMBER: S123DIP-B775D805UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 |
| 2.5°   | 1157.6 | 1160.7 | 1152.3 | 1150.3 | 1150.3 | 1154.4 | 1151.3 | 1123.0 | 1128.3 | 1122.0 | 1119.9 |
| 5°     | 1285.3 | 1279.0 | 1270.6 | 1266.4 | 1261.2 | 1246.5 | 1245.5 | 1213.1 | 1206.8 | 1185.8 | 1176.4 |
| 7.5°   | 1425.5 | 1420.3 | 1395.2 | 1392.0 | 1389.9 | 1376.3 | 1341.8 | 1307.2 | 1282.1 | 1258.1 | 1235.0 |
| 10°    | 1585.7 | 1570.0 | 1558.4 | 1535.4 | 1523.9 | 1505.1 | 1460.1 | 1427.6 | 1384.7 | 1348.1 | 1299.9 |
| 12.5°  | 1778.2 | 1760.4 | 1721.7 | 1705.0 | 1690.3 | 1638.0 | 1593.0 | 1556.3 | 1472.6 | 1447.5 | 1387.8 |
| 15°    | 1919.5 | 1881.9 | 1877.7 | 1841.0 | 1838.9 | 1781.4 | 1695.5 | 1655.8 | 1590.9 | 1498.8 | 1437.0 |
| 17.5°  | 2072.3 | 2038.8 | 2012.7 | 1968.7 | 1962.4 | 1908.0 | 1845.2 | 1747.9 | 1676.7 | 1588.8 | 1510.3 |
| 20°    | 2184.3 | 2166.5 | 2121.5 | 2103.7 | 2067.1 | 2021.1 | 1956.2 | 1835.8 | 1748.9 | 1661.0 | 1564.7 |
| 22.5°  | 2273.3 | 2255.5 | 2219.9 | 2195.8 | 2174.9 | 2115.3 | 2037.8 | 1935.2 | 1815.9 | 1700.8 | 1601.4 |
| 25°    | 2272.2 | 2267.0 | 2252.4 | 2240.8 | 2225.1 | 2181.2 | 2116.3 | 2017.9 | 1885.0 | 1758.3 | 1620.2 |
| 27.5°  | 2143.5 | 2158.2 | 2183.3 | 2195.8 | 2192.7 | 2186.4 | 2149.8 | 2067.1 | 1947.8 | 1797.1 | 1642.2 |
| 30°    | 1875.6 | 1928.9 | 1976.0 | 2038.8 | 2057.7 | 2103.7 | 2124.7 | 2077.6 | 1982.3 | 1842.1 | 1670.4 |
| 32.5°  | 1555.3 | 1632.8 | 1735.3 | 1769.9 | 1829.5 | 1918.5 | 2017.9 | 2035.7 | 1976.0 | 1868.2 | 1688.2 |
| 35°    | 1275.8 | 1339.7 | 1419.2 | 1473.7 | 1527.0 | 1671.5 | 1797.1 | 1905.9 | 1925.8 | 1854.6 | 1684.0 |
| 37.5°  | 1056.1 | 1101.1 | 1171.2 | 1217.2 | 1266.4 | 1389.9 | 1565.8 | 1707.1 | 1806.5 | 1808.6 | 1672.5 |
| 40°    | 897.0  | 916.9  | 977.6  | 1011.1 | 1058.1 | 1164.9 | 1321.9 | 1506.1 | 1651.6 | 1718.6 | 1642.2 |
| 42.5°  | 759.9  | 786.0  | 836.3  | 861.4  | 891.7  | 984.9  | 1088.5 | 1263.3 | 1443.3 | 1586.7 | 1585.7 |
| 45°    | 678.2  | 697.1  | 720.1  | 741.0  | 775.6  | 831.0  | 949.3  | 1080.1 | 1252.8 | 1415.1 | 1478.9 |
| 47.5°  | 606.0  | 623.8  | 646.8  | 653.1  | 676.1  | 728.5  | 800.7  | 914.8  | 1075.9 | 1237.1 | 1357.5 |
| 50°    | 545.3  | 560.0  | 575.6  | 587.2  | 597.6  | 640.5  | 695.0  | 791.3  | 920.0  | 1075.9 | 1225.6 |
| 52.5°  | 498.2  | 508.7  | 522.3  | 528.6  | 538.0  | 569.4  | 611.2  | 682.4  | 788.1  | 930.5  | 1075.9 |
| 55°    | 454.2  | 461.6  | 469.9  | 480.4  | 484.6  | 507.6  | 540.1  | 600.8  | 679.3  | 807.0  | 945.1  |
| 57.5°  | 413.4  | 416.6  | 421.8  | 428.1  | 433.3  | 453.2  | 481.5  | 522.3  | 591.3  | 689.7  | 820.6  |
| 60°    | 367.4  | 375.7  | 378.9  | 385.2  | 388.3  | 404.0  | 426.0  | 460.5  | 513.9  | 598.7  | 697.1  |
| 62.5°  | 328.6  | 333.9  | 339.1  | 342.2  | 349.6  | 354.8  | 372.6  | 404.0  | 448.0  | 510.8  | 599.7  |
| 65°    | 294.1  | 296.2  | 299.3  | 302.5  | 304.6  | 310.9  | 327.6  | 348.5  | 382.0  | 437.5  | 506.6  |
| 67.5°  | 254.3  | 256.4  | 260.6  | 261.7  | 263.8  | 272.1  | 281.5  | 299.3  | 327.6  | 369.5  | 426.0  |
| 70°    | 215.6  | 218.7  | 220.8  | 222.9  | 226.1  | 229.2  | 239.7  | 254.3  | 276.3  | 305.6  | 349.6  |
| 72.5°  | 182.1  | 185.3  | 185.3  | 187.3  | 186.3  | 190.5  | 201.0  | 211.4  | 226.1  | 250.1  | 288.9  |
| 75°    | 148.6  | 148.6  | 150.7  | 151.8  | 152.8  | 157.0  | 161.2  | 169.6  | 181.1  | 199.9  | 224.0  |
| 77.5°  | 117.2  | 116.2  | 118.3  | 118.3  | 118.3  | 121.4  | 125.6  | 129.8  | 137.1  | 150.7  | 169.6  |
| 80°    | 85.8   | 85.8   | 87.9   | 89.0   | 86.9   | 87.9   | 90.0   | 94.2   | 99.4   | 108.9  | 119.3  |
| 82.5°  | 56.5   | 60.7   | 59.7   | 60.7   | 59.7   | 61.8   | 62.8   | 63.8   | 65.9   | 70.1   | 77.5   |
| 85°    | 34.5   | 34.5   | 34.5   | 35.6   | 34.5   | 35.6   | 35.6   | 35.6   | 36.6   | 38.7   | 41.9   |
| 87.5°  | 14.7   | 14.7   | 14.7   | 15.7   | 14.7   | 14.7   | 15.7   | 14.7   | 15.7   | 15.7   | 16.7   |
| 90°    | 22.1   | 21.8   | 21.5   | 21.3   | 21.0   | 20.3   | 19.6   | 18.9   | 18.2   | 16.0   | 13.8   |
| 92.5°  | 33.3   | 33.7   | 34.0   | 34.2   | 33.9   | 33.4   | 32.9   | 32.4   | 31.9   | 30.9   | 29.9   |
| 95°    | 59.2   | 59.2   | 59.2   | 59.2   | 58.9   | 58.2   | 57.5   | 56.9   | 56.2   | 54.8   | 53.5   |
| 97.5°  | 85.4   | 85.5   | 85.7   | 85.8   | 85.4   | 84.5   | 83.7   | 82.8   | 82.0   | 81.0   | 80.0   |
| 100°   | 114.7  | 114.4  | 114.1  | 113.9  | 113.6  | 113.1  | 112.6  | 112.1  | 111.6  | 110.8  | 109.9  |
| 102.5° | 146.9  | 147.0  | 147.2  | 147.3  | 147.0  | 146.5  | 146.0  | 145.5  | 145.0  | 143.8  | 142.6  |
| 105°   | 180.0  | 179.7  | 179.4  | 179.2  | 179.2  | 179.2  | 179.2  | 179.2  | 179.2  | 177.7  | 176.1  |
| 107.5° | 216.0  | 216.1  | 216.3  | 216.4  | 216.1  | 215.6  | 215.1  | 214.6  | 214.1  | 213.4  | 212.8  |
| 110°   | 252.0  | 252.3  | 252.6  | 252.8  | 252.5  | 251.8  | 251.1  | 250.5  | 249.8  | 249.5  | 249.1  |

TEST NUMBER: P1012097

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**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 289.3 | 289.3 | 289.3 | 289.3  | 288.9 | 288.0 | 287.2 | 286.3 | 285.5 | 285.5 | 285.5 |
| 115°   | 323.8 | 323.9 | 324.1 | 324.2  | 324.1 | 323.9 | 323.8 | 323.6 | 323.4 | 323.7 | 324.1 |
| 117.5° | 359.4 | 359.9 | 360.4 | 360.6  | 360.6 | 360.6 | 360.6 | 360.6 | 360.6 | 360.9 | 361.3 |
| 120°   | 396.3 | 396.6 | 396.9 | 397.1  | 397.2 | 397.3 | 397.5 | 397.6 | 397.8 | 398.6 | 399.5 |
| 122.5° | 432.2 | 432.7 | 433.2 | 433.5  | 433.8 | 434.3 | 434.8 | 435.3 | 435.8 | 436.1 | 436.5 |
| 125°   | 468.3 | 469.0 | 469.7 | 470.0  | 470.3 | 471.0 | 471.7 | 472.3 | 473.0 | 473.3 | 473.7 |
| 127.5° | 503.9 | 504.6 | 505.3 | 505.6  | 506.1 | 507.1 | 508.2 | 509.2 | 510.2 | 510.5 | 510.9 |
| 130°   | 539.9 | 541.0 | 542.2 | 542.8  | 543.1 | 543.8 | 544.5 | 545.2 | 545.9 | 546.4 | 546.9 |
| 132.5° | 575.7 | 576.5 | 577.4 | 577.8  | 578.2 | 579.1 | 579.9 | 580.8 | 581.6 | 581.9 | 582.3 |
| 135°   | 612.6 | 612.9 | 613.2 | 613.4  | 613.7 | 614.4 | 615.1 | 615.8 | 616.5 | 616.7 | 616.8 |
| 137.5° | 646.3 | 646.8 | 647.3 | 647.6  | 648.0 | 648.9 | 649.7 | 650.6 | 651.4 | 650.9 | 650.4 |
| 140°   | 680.4 | 681.5 | 682.7 | 683.3  | 683.4 | 683.6 | 683.7 | 683.9 | 684.1 | 683.9 | 683.7 |
| 142.5° | 713.1 | 713.9 | 714.8 | 715.2  | 715.3 | 715.4 | 715.6 | 715.7 | 715.9 | 715.6 | 715.2 |
| 145°   | 744.6 | 745.3 | 746.0 | 746.3  | 746.4 | 746.6 | 746.7 | 746.9 | 747.1 | 746.6 | 746.1 |
| 147.5° | 774.1 | 775.2 | 776.2 | 776.7  | 776.7 | 776.7 | 776.7 | 776.7 | 776.7 | 776.2 | 775.7 |
| 150°   | 801.5 | 802.5 | 803.5 | 804.0  | 804.0 | 804.0 | 804.0 | 804.0 | 804.0 | 803.7 | 803.3 |
| 152.5° | 827.7 | 828.5 | 829.4 | 829.8  | 829.6 | 829.3 | 829.0 | 828.6 | 828.3 | 828.1 | 827.9 |
| 155°   | 852.0 | 853.1 | 854.3 | 854.9  | 854.6 | 853.9 | 853.2 | 852.5 | 851.8 | 851.6 | 851.5 |
| 157.5° | 873.6 | 874.6 | 875.6 | 876.1  | 875.8 | 875.1 | 874.4 | 873.8 | 873.1 | 872.9 | 872.7 |
| 160°   | 894.2 | 894.9 | 895.6 | 895.9  | 895.5 | 894.6 | 893.8 | 892.9 | 892.1 | 892.1 | 892.1 |
| 162.5° | 911.2 | 912.3 | 913.5 | 914.1  | 913.7 | 912.8 | 912.0 | 911.1 | 910.3 | 910.1 | 909.9 |
| 165°   | 926.4 | 927.5 | 928.7 | 929.3  | 928.8 | 927.8 | 926.7 | 925.7 | 924.7 | 924.7 | 924.7 |
| 167.5° | 939.6 | 940.7 | 941.7 | 942.2  | 941.7 | 940.7 | 939.6 | 938.6 | 937.6 | 937.4 | 937.3 |
| 170°   | 949.9 | 951.0 | 952.2 | 952.8  | 952.2 | 951.0 | 949.9 | 948.7 | 947.5 | 947.5 | 947.5 |
| 172.5° | 957.5 | 958.6 | 959.8 | 960.4  | 959.9 | 958.9 | 957.9 | 956.9 | 955.9 | 955.9 | 955.9 |
| 175°   | 962.8 | 963.9 | 965.1 | 965.7  | 965.2 | 964.2 | 963.2 | 962.2 | 961.2 | 961.2 | 961.2 |
| 177.5° | 965.8 | 967.0 | 968.2 | 968.8  | 968.3 | 967.3 | 966.2 | 965.2 | 964.2 | 964.2 | 964.2 |
| 180°   | 966.5 | 966.5 | 966.5 | 966.5  | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 |
| 2.5°   | 1109.4 | 1106.3 | 1106.3 | 1104.2 | 1097.9 | 1086.4 | 1085.4 | 1087.5 | 1081.2 | 1074.9 | 1065.5 |
| 5°     | 1163.9 | 1144.0 | 1137.7 | 1131.4 | 1118.9 | 1097.9 | 1089.5 | 1082.2 | 1070.7 | 1057.1 | 1042.4 |
| 7.5°   | 1209.9 | 1181.7 | 1173.3 | 1161.8 | 1136.6 | 1107.3 | 1088.5 | 1072.8 | 1057.1 | 1038.3 | 1020.5 |
| 10°    | 1267.5 | 1226.7 | 1206.8 | 1190.0 | 1155.5 | 1114.7 | 1086.4 | 1063.4 | 1038.3 | 1015.2 | 992.2  |
| 12.5°  | 1332.4 | 1266.4 | 1260.1 | 1219.3 | 1179.6 | 1118.9 | 1084.3 | 1050.8 | 1017.3 | 989.1  | 965.0  |
| 15°    | 1386.8 | 1314.6 | 1288.4 | 1261.2 | 1184.8 | 1109.4 | 1075.9 | 1038.3 | 999.5  | 969.2  | 933.6  |
| 17.5°  | 1421.3 | 1361.7 | 1306.2 | 1269.6 | 1190.0 | 1123.0 | 1058.1 | 1015.2 | 974.4  | 932.6  | 903.2  |
| 20°    | 1463.2 | 1376.3 | 1328.2 | 1279.0 | 1200.5 | 1112.6 | 1047.7 | 994.3  | 944.1  | 906.4  | 870.8  |
| 22.5°  | 1505.1 | 1387.8 | 1348.1 | 1294.7 | 1202.6 | 1102.1 | 1028.8 | 975.5  | 917.9  | 880.2  | 841.5  |
| 25°    | 1500.9 | 1404.6 | 1338.6 | 1293.6 | 1181.7 | 1092.7 | 1006.9 | 944.1  | 890.7  | 842.5  | 803.8  |
| 27.5°  | 1504.0 | 1385.7 | 1318.8 | 1266.4 | 1167.0 | 1079.1 | 983.8  | 917.9  | 862.4  | 812.2  | 771.4  |
| 30°    | 1505.1 | 1357.5 | 1298.9 | 1236.1 | 1139.8 | 1046.6 | 957.7  | 890.7  | 832.1  | 777.7  | 741.0  |
| 32.5°  | 1501.9 | 1334.5 | 1261.2 | 1204.7 | 1096.9 | 1015.2 | 927.3  | 856.1  | 796.5  | 746.3  | 711.7  |
| 35°    | 1494.6 | 1307.2 | 1222.5 | 1151.3 | 1052.9 | 970.2  | 899.1  | 825.8  | 762.0  | 715.9  | 676.1  |
| 37.5°  | 1474.7 | 1277.9 | 1181.7 | 1111.5 | 1001.6 | 917.9  | 855.1  | 794.4  | 732.6  | 678.2  | 644.7  |
| 40°    | 1460.1 | 1238.2 | 1140.8 | 1064.4 | 946.2  | 864.5  | 812.2  | 754.6  | 693.9  | 644.7  | 612.3  |
| 42.5°  | 1426.6 | 1200.5 | 1099.0 | 1007.9 | 891.7  | 808.0  | 758.8  | 712.8  | 660.4  | 612.3  | 583.0  |
| 45°    | 1372.1 | 1159.7 | 1047.7 | 955.6  | 832.1  | 752.5  | 707.5  | 669.8  | 623.8  | 577.7  | 548.4  |
| 47.5°  | 1295.7 | 1101.1 | 993.3  | 901.2  | 773.5  | 692.9  | 647.9  | 619.6  | 583.0  | 544.3  | 519.1  |
| 50°    | 1213.1 | 1037.2 | 937.8  | 846.7  | 716.9  | 638.4  | 594.5  | 568.3  | 544.3  | 508.7  | 484.6  |
| 52.5°  | 1105.2 | 969.2  | 873.9  | 787.1  | 656.2  | 580.9  | 542.2  | 523.3  | 498.2  | 473.1  | 452.1  |
| 55°    | 1000.6 | 881.3  | 802.8  | 720.1  | 596.6  | 526.5  | 488.8  | 468.9  | 454.2  | 433.3  | 416.6  |
| 57.5°  | 879.2  | 799.6  | 727.4  | 652.1  | 541.1  | 477.3  | 441.7  | 417.6  | 408.2  | 398.8  | 383.1  |
| 60°    | 767.2  | 706.5  | 647.9  | 585.1  | 483.5  | 426.0  | 391.4  | 372.6  | 363.2  | 356.9  | 346.4  |
| 62.5°  | 664.6  | 617.5  | 567.3  | 517.0  | 424.9  | 372.6  | 346.4  | 327.6  | 319.2  | 318.2  | 308.8  |
| 65°    | 566.2  | 532.7  | 491.9  | 442.7  | 370.5  | 324.5  | 299.3  | 287.8  | 278.4  | 278.4  | 271.1  |
| 67.5°  | 467.8  | 444.8  | 412.4  | 377.8  | 321.3  | 278.4  | 255.4  | 244.9  | 239.7  | 239.7  | 234.4  |
| 70°    | 389.3  | 373.6  | 344.3  | 314.0  | 264.8  | 232.4  | 214.6  | 205.1  | 202.0  | 203.0  | 198.9  |
| 72.5°  | 316.1  | 299.3  | 275.3  | 253.3  | 216.7  | 192.6  | 180.0  | 169.6  | 164.3  | 165.4  | 164.3  |
| 75°    | 244.9  | 236.5  | 215.6  | 198.9  | 169.6  | 152.8  | 141.3  | 136.1  | 131.9  | 132.9  | 130.8  |
| 77.5°  | 184.2  | 171.6  | 160.1  | 148.6  | 130.8  | 117.2  | 107.8  | 102.6  | 99.4   | 99.4   | 99.4   |
| 80°    | 125.6  | 123.5  | 114.1  | 107.8  | 93.2   | 82.7   | 75.4   | 74.3   | 71.2   | 71.2   | 71.2   |
| 82.5°  | 81.6   | 76.4   | 71.2   | 67.0   | 58.6   | 52.3   | 49.2   | 47.1   | 46.1   | 45.0   | 47.1   |
| 85°    | 45.0   | 41.9   | 39.8   | 35.6   | 32.4   | 29.3   | 26.2   | 25.1   | 24.1   | 25.1   | 24.1   |
| 87.5°  | 17.8   | 14.7   | 14.7   | 13.6   | 12.6   | 11.5   | 11.5   | 9.4    | 9.4    | 8.4    | 8.4    |
| 90°    | 11.7   | 9.5    | 8.4    | 7.6    | 5.9    | 4.2    | 2.5    | 0.8    | 2.5    | 4.2    | 5.9    |
| 92.5°  | 28.8   | 27.8   | 27.3   | 26.8   | 25.8   | 24.8   | 23.8   | 22.8   | 23.8   | 24.8   | 25.8   |
| 95°    | 52.1   | 50.8   | 50.1   | 49.5   | 48.3   | 47.2   | 46.0   | 44.8   | 46.0   | 47.2   | 48.3   |
| 97.5°  | 78.9   | 77.9   | 77.4   | 77.0   | 76.1   | 75.3   | 74.4   | 73.6   | 74.4   | 75.3   | 76.1   |
| 100°   | 109.1  | 108.2  | 107.8  | 107.3  | 106.3  | 105.3  | 104.3  | 103.3  | 104.3  | 105.3  | 106.3  |
| 102.5° | 141.5  | 140.3  | 139.7  | 139.4  | 138.9  | 138.4  | 137.9  | 137.4  | 137.9  | 138.4  | 138.9  |
| 105°   | 174.6  | 173.1  | 172.3  | 172.1  | 171.8  | 171.5  | 171.1  | 170.8  | 171.1  | 171.5  | 171.8  |
| 107.5° | 212.1  | 211.4  | 211.1  | 211.0  | 210.8  | 210.7  | 210.5  | 210.3  | 210.5  | 210.7  | 210.8  |
| 110°   | 248.8  | 248.5  | 248.3  | 248.1  | 247.8  | 247.4  | 247.1  | 246.7  | 247.1  | 247.4  | 247.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 285.5 | 285.5 | 285.5  | 285.4 | 285.2 | 285.1 | 284.9 | 284.7 | 284.9 | 285.1 | 285.2 |
| 115°   | 324.4 | 324.7 | 324.9  | 324.7 | 324.2 | 323.7 | 323.2 | 322.7 | 323.2 | 323.7 | 324.2 |
| 117.5° | 361.6 | 361.9 | 362.1  | 362.0 | 361.9 | 361.7 | 361.6 | 361.4 | 361.6 | 361.7 | 361.9 |
| 120°   | 400.3 | 401.2 | 401.6  | 401.1 | 400.1 | 399.1 | 398.1 | 397.1 | 398.1 | 399.1 | 400.1 |
| 122.5° | 436.8 | 437.1 | 437.3  | 437.0 | 436.3 | 435.6 | 435.0 | 434.3 | 435.0 | 435.6 | 436.3 |
| 125°   | 474.0 | 474.3 | 474.5  | 474.2 | 473.7 | 473.2 | 472.7 | 472.2 | 472.7 | 473.2 | 473.7 |
| 127.5° | 511.2 | 511.5 | 511.7  | 511.2 | 510.2 | 509.2 | 508.2 | 507.2 | 508.2 | 509.2 | 510.2 |
| 130°   | 547.4 | 547.9 | 548.2  | 547.5 | 546.2 | 544.8 | 543.5 | 542.1 | 543.5 | 544.8 | 546.2 |
| 132.5° | 582.6 | 582.9 | 583.1  | 582.4 | 581.1 | 579.7 | 578.4 | 577.0 | 578.4 | 579.7 | 581.1 |
| 135°   | 617.0 | 617.1 | 617.2  | 616.7 | 615.7 | 614.7 | 613.7 | 612.7 | 613.7 | 614.7 | 615.7 |
| 137.5° | 649.9 | 649.4 | 649.1  | 648.7 | 647.8 | 647.0 | 646.1 | 645.3 | 646.1 | 647.0 | 647.8 |
| 140°   | 683.6 | 683.4 | 683.3  | 682.9 | 682.0 | 681.2 | 680.3 | 679.5 | 680.3 | 681.2 | 682.0 |
| 142.5° | 714.9 | 714.6 | 714.4  | 714.0 | 713.1 | 712.3 | 711.4 | 710.6 | 711.4 | 712.3 | 713.1 |
| 145°   | 745.6 | 745.1 | 744.8  | 744.6 | 744.3 | 744.0 | 743.6 | 743.3 | 743.6 | 744.0 | 744.3 |
| 147.5° | 775.2 | 774.7 | 774.4  | 774.1 | 773.4 | 772.7 | 772.1 | 771.4 | 772.1 | 772.7 | 773.4 |
| 150°   | 803.0 | 802.7 | 802.5  | 802.3 | 802.0 | 801.7 | 801.3 | 801.0 | 801.3 | 801.7 | 802.0 |
| 152.5° | 827.8 | 827.6 | 827.5  | 827.3 | 826.8 | 826.3 | 825.8 | 825.3 | 825.8 | 826.3 | 826.8 |
| 155°   | 851.3 | 851.2 | 851.1  | 851.1 | 851.1 | 851.1 | 851.1 | 851.1 | 851.1 | 851.1 | 851.1 |
| 157.5° | 872.6 | 872.4 | 872.3  | 872.4 | 872.6 | 872.7 | 872.9 | 873.1 | 872.9 | 872.7 | 872.6 |
| 160°   | 892.1 | 892.1 | 892.1  | 892.3 | 892.6 | 892.9 | 893.3 | 893.6 | 893.3 | 892.9 | 892.6 |
| 162.5° | 909.8 | 909.6 | 909.5  | 909.8 | 910.3 | 910.8 | 911.3 | 911.8 | 911.3 | 910.8 | 910.3 |
| 165°   | 924.7 | 924.7 | 924.7  | 925.0 | 925.5 | 926.0 | 926.5 | 927.0 | 926.5 | 926.0 | 925.5 |
| 167.5° | 937.1 | 937.0 | 936.9  | 937.2 | 937.9 | 938.6 | 939.2 | 939.9 | 939.2 | 938.6 | 937.9 |
| 170°   | 947.5 | 947.5 | 947.5  | 947.8 | 948.5 | 949.2 | 949.8 | 950.5 | 949.8 | 949.2 | 948.5 |
| 172.5° | 955.9 | 955.9 | 955.9  | 956.2 | 956.9 | 957.6 | 958.2 | 958.9 | 958.2 | 957.6 | 956.9 |
| 175°   | 961.2 | 961.2 | 961.2  | 961.5 | 962.2 | 962.9 | 963.5 | 964.2 | 963.5 | 962.9 | 962.2 |
| 177.5° | 964.2 | 964.2 | 964.2  | 964.5 | 965.2 | 965.9 | 966.5 | 967.2 | 966.5 | 965.9 | 965.2 |
| 180°   | 966.5 | 966.5 | 966.5  | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 |
| 2.5°   | 1063.4 | 1062.3 | 1064.4 | 1058.1 | 1047.7 | 1042.4 | 1027.8 | 1024.7 | 1023.6 | 1024.7 | 1025.7 |
| 5°     | 1034.1 | 1033.0 | 1029.9 | 1019.4 | 1006.9 | 997.4  | 979.7  | 978.6  | 972.3  | 966.0  | 969.2  |
| 7.5°   | 1005.8 | 1001.6 | 995.4  | 981.7  | 965.0  | 954.5  | 939.9  | 929.4  | 921.0  | 915.8  | 911.6  |
| 10°    | 977.6  | 971.3  | 965.0  | 947.2  | 926.3  | 910.6  | 892.8  | 884.4  | 875.0  | 870.8  | 866.6  |
| 12.5°  | 940.9  | 934.6  | 923.1  | 902.2  | 889.6  | 869.8  | 852.0  | 843.6  | 838.4  | 830.0  | 824.7  |
| 15°    | 911.6  | 899.1  | 892.8  | 870.8  | 844.6  | 842.5  | 810.1  | 808.0  | 797.5  | 797.5  | 789.2  |
| 17.5°  | 878.1  | 868.7  | 857.2  | 835.2  | 816.4  | 797.5  | 780.8  | 774.5  | 765.1  | 763.0  | 758.8  |
| 20°    | 845.7  | 833.1  | 828.9  | 807.0  | 787.1  | 764.0  | 746.3  | 740.0  | 735.8  | 731.6  | 734.7  |
| 22.5°  | 812.2  | 801.7  | 791.3  | 771.4  | 756.7  | 733.7  | 723.2  | 716.9  | 710.7  | 708.6  | 709.6  |
| 25°    | 779.7  | 770.3  | 759.9  | 740.0  | 724.3  | 705.4  | 696.0  | 692.9  | 689.7  | 689.7  | 688.7  |
| 27.5°  | 748.3  | 738.9  | 729.5  | 711.7  | 696.0  | 682.4  | 675.1  | 671.9  | 668.8  | 670.9  | 673.0  |
| 30°    | 715.9  | 707.5  | 699.2  | 683.5  | 670.9  | 658.3  | 654.1  | 652.1  | 651.0  | 656.2  | 656.2  |
| 32.5°  | 686.6  | 679.3  | 673.0  | 658.3  | 645.8  | 635.3  | 632.2  | 633.2  | 634.3  | 637.4  | 639.5  |
| 35°    | 656.2  | 651.0  | 644.7  | 632.2  | 621.7  | 612.3  | 613.3  | 613.3  | 615.4  | 620.7  | 624.8  |
| 37.5°  | 629.0  | 621.7  | 616.5  | 606.0  | 597.6  | 589.3  | 592.4  | 595.5  | 597.6  | 603.9  | 606.0  |
| 40°    | 596.6  | 593.4  | 589.3  | 578.8  | 571.5  | 570.4  | 571.5  | 573.6  | 577.7  | 580.9  | 584.0  |
| 42.5°  | 570.4  | 566.2  | 561.0  | 552.6  | 546.3  | 547.4  | 548.4  | 550.5  | 552.6  | 557.9  | 561.0  |
| 45°    | 541.1  | 538.0  | 533.8  | 526.5  | 521.2  | 522.3  | 523.3  | 523.3  | 525.4  | 531.7  | 533.8  |
| 47.5°  | 508.7  | 509.7  | 504.5  | 497.2  | 494.0  | 494.0  | 494.0  | 496.1  | 501.3  | 503.4  | 504.5  |
| 50°    | 477.3  | 475.2  | 474.1  | 466.8  | 464.7  | 463.7  | 464.7  | 465.8  | 473.1  | 472.0  | 475.2  |
| 52.5°  | 443.8  | 443.8  | 442.7  | 438.5  | 435.4  | 435.4  | 433.3  | 438.5  | 440.6  | 442.7  | 445.9  |
| 55°    | 411.3  | 408.2  | 407.1  | 405.0  | 400.9  | 399.8  | 401.9  | 408.2  | 410.3  | 412.4  | 415.5  |
| 57.5°  | 375.7  | 375.7  | 373.6  | 370.5  | 370.5  | 370.5  | 370.5  | 374.7  | 377.8  | 379.9  | 386.2  |
| 60°    | 343.3  | 339.1  | 336.0  | 336.0  | 336.0  | 334.9  | 341.2  | 341.2  | 347.5  | 348.5  | 350.6  |
| 62.5°  | 304.6  | 302.5  | 300.4  | 301.4  | 300.4  | 302.5  | 304.6  | 308.8  | 309.8  | 312.9  | 316.1  |
| 65°    | 267.9  | 267.9  | 265.8  | 272.1  | 267.9  | 267.9  | 273.2  | 273.2  | 275.3  | 278.4  | 282.6  |
| 67.5°  | 232.4  | 233.4  | 231.3  | 231.3  | 233.4  | 234.4  | 235.5  | 239.7  | 240.7  | 244.9  | 250.1  |
| 70°    | 195.7  | 197.8  | 198.9  | 196.8  | 198.9  | 201.0  | 203.0  | 204.1  | 208.3  | 210.4  | 213.5  |
| 72.5°  | 163.3  | 165.4  | 162.2  | 163.3  | 164.3  | 166.4  | 167.5  | 169.6  | 171.6  | 177.9  | 180.0  |
| 75°    | 130.8  | 129.8  | 128.7  | 132.9  | 130.8  | 135.0  | 136.1  | 136.1  | 138.2  | 143.4  | 145.5  |
| 77.5°  | 100.5  | 100.5  | 101.5  | 99.4   | 102.6  | 101.5  | 102.6  | 105.7  | 108.9  | 108.9  | 117.2  |
| 80°    | 70.1   | 72.2   | 72.2   | 72.2   | 73.3   | 74.3   | 72.2   | 77.5   | 78.5   | 78.5   | 81.6   |
| 82.5°  | 45.0   | 46.1   | 45.0   | 47.1   | 47.1   | 49.2   | 48.1   | 49.2   | 51.3   | 53.4   | 54.4   |
| 85°    | 24.1   | 24.1   | 26.2   | 26.2   | 25.1   | 26.2   | 25.1   | 26.2   | 28.3   | 28.3   | 29.3   |
| 87.5°  | 8.4    | 8.4    | 8.4    | 8.4    | 9.4    | 8.4    | 9.4    | 9.4    | 8.4    | 8.4    | 11.5   |
| 90°    | 7.6    | 8.4    | 9.5    | 11.7   | 13.8   | 16.0   | 18.2   | 18.9   | 19.6   | 20.3   | 21.0   |
| 92.5°  | 26.8   | 27.3   | 27.8   | 28.8   | 29.9   | 30.9   | 31.9   | 32.4   | 32.9   | 33.4   | 33.9   |
| 95°    | 49.5   | 50.1   | 50.8   | 52.1   | 53.5   | 54.8   | 56.2   | 56.9   | 57.5   | 58.2   | 58.9   |
| 97.5°  | 77.0   | 77.4   | 77.9   | 78.9   | 80.0   | 81.0   | 82.0   | 82.8   | 83.7   | 84.5   | 85.4   |
| 100°   | 107.3  | 107.8  | 108.2  | 109.1  | 109.9  | 110.8  | 111.6  | 112.1  | 112.6  | 113.1  | 113.6  |
| 102.5° | 139.4  | 139.7  | 140.3  | 141.5  | 142.6  | 143.8  | 145.0  | 145.5  | 146.0  | 146.5  | 147.0  |
| 105°   | 172.1  | 172.3  | 173.1  | 174.6  | 176.1  | 177.7  | 179.2  | 179.2  | 179.2  | 179.2  | 179.2  |
| 107.5° | 211.0  | 211.1  | 211.4  | 212.1  | 212.8  | 213.4  | 214.1  | 214.6  | 215.1  | 215.6  | 216.1  |
| 110°   | 248.1  | 248.3  | 248.5  | 248.8  | 249.1  | 249.5  | 249.8  | 250.5  | 251.1  | 251.8  | 252.5  |

TEST NUMBER: P1012097

CATALOG NUMBER: S123DIP-B775D805UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 285.4 | 285.5  | 285.5 | 285.5 | 285.5 | 285.5 | 285.5 | 286.3 | 287.2 | 288.0 | 288.9 |
| 115°   | 324.7 | 324.9  | 324.7 | 324.4 | 324.1 | 323.7 | 323.4 | 323.6 | 323.8 | 323.9 | 324.1 |
| 117.5° | 362.0 | 362.1  | 361.9 | 361.6 | 361.3 | 360.9 | 360.6 | 360.6 | 360.6 | 360.6 | 360.6 |
| 120°   | 401.1 | 401.6  | 401.2 | 400.3 | 399.5 | 398.6 | 397.8 | 397.6 | 397.5 | 397.3 | 397.2 |
| 122.5° | 437.0 | 437.3  | 437.1 | 436.8 | 436.5 | 436.1 | 435.8 | 435.3 | 434.8 | 434.3 | 433.8 |
| 125°   | 474.2 | 474.5  | 474.3 | 474.0 | 473.7 | 473.3 | 473.0 | 472.3 | 471.7 | 471.0 | 470.3 |
| 127.5° | 511.2 | 511.7  | 511.5 | 511.2 | 510.9 | 510.5 | 510.2 | 509.2 | 508.2 | 507.1 | 506.1 |
| 130°   | 547.5 | 548.2  | 547.9 | 547.4 | 546.9 | 546.4 | 545.9 | 545.2 | 544.5 | 543.8 | 543.1 |
| 132.5° | 582.4 | 583.1  | 582.9 | 582.6 | 582.3 | 581.9 | 581.6 | 580.8 | 579.9 | 579.1 | 578.2 |
| 135°   | 616.7 | 617.2  | 617.1 | 617.0 | 616.8 | 616.7 | 616.5 | 615.8 | 615.1 | 614.4 | 613.7 |
| 137.5° | 648.7 | 649.1  | 649.4 | 649.9 | 650.4 | 650.9 | 651.4 | 650.6 | 649.7 | 648.9 | 648.0 |
| 140°   | 682.9 | 683.3  | 683.4 | 683.6 | 683.7 | 683.9 | 684.1 | 683.9 | 683.7 | 683.6 | 683.4 |
| 142.5° | 714.0 | 714.4  | 714.6 | 714.9 | 715.2 | 715.6 | 715.9 | 715.7 | 715.6 | 715.4 | 715.3 |
| 145°   | 744.6 | 744.8  | 745.1 | 745.6 | 746.1 | 746.6 | 747.1 | 746.9 | 746.7 | 746.6 | 746.4 |
| 147.5° | 774.1 | 774.4  | 774.7 | 775.2 | 775.7 | 776.2 | 776.7 | 776.7 | 776.7 | 776.7 | 776.7 |
| 150°   | 802.3 | 802.5  | 802.7 | 803.0 | 803.3 | 803.7 | 804.0 | 804.0 | 804.0 | 804.0 | 804.0 |
| 152.5° | 827.3 | 827.5  | 827.6 | 827.8 | 827.9 | 828.1 | 828.3 | 828.6 | 829.0 | 829.3 | 829.6 |
| 155°   | 851.1 | 851.1  | 851.2 | 851.3 | 851.5 | 851.6 | 851.8 | 852.5 | 853.2 | 853.9 | 854.6 |
| 157.5° | 872.4 | 872.3  | 872.4 | 872.6 | 872.7 | 872.9 | 873.1 | 873.8 | 874.4 | 875.1 | 875.8 |
| 160°   | 892.3 | 892.1  | 892.1 | 892.1 | 892.1 | 892.1 | 892.1 | 892.9 | 893.8 | 894.6 | 895.5 |
| 162.5° | 909.8 | 909.5  | 909.6 | 909.8 | 909.9 | 910.1 | 910.3 | 911.1 | 912.0 | 912.8 | 913.7 |
| 165°   | 925.0 | 924.7  | 924.7 | 924.7 | 924.7 | 924.7 | 924.7 | 925.7 | 926.7 | 927.8 | 928.8 |
| 167.5° | 937.2 | 936.9  | 937.0 | 937.1 | 937.3 | 937.4 | 937.6 | 938.6 | 939.6 | 940.7 | 941.7 |
| 170°   | 947.8 | 947.5  | 947.5 | 947.5 | 947.5 | 947.5 | 947.5 | 948.7 | 949.9 | 951.0 | 952.2 |
| 172.5° | 956.2 | 955.9  | 955.9 | 955.9 | 955.9 | 955.9 | 955.9 | 956.9 | 957.9 | 958.9 | 959.9 |
| 175°   | 961.5 | 961.2  | 961.2 | 961.2 | 961.2 | 961.2 | 961.2 | 962.2 | 963.2 | 964.2 | 965.2 |
| 177.5° | 964.5 | 964.2  | 964.2 | 964.2 | 964.2 | 964.2 | 964.2 | 965.2 | 966.2 | 967.3 | 968.3 |
| 180°   | 966.5 | 966.5  | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 |

TEST NUMBER: P1012097

CATALOG NUMBER: S123DIP-B775D805UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 |
| 2.5°   | 1024.7 | 1025.7 | 1021.5 | 1018.4 | 1026.7 | 1021.5 | 1021.5 | 1022.6 | 1020.5 | 1023.6 | 1022.6 |
| 5°     | 967.1  | 968.1  | 960.8  | 962.9  | 958.7  | 957.7  | 956.6  | 962.9  | 961.9  | 960.8  | 962.9  |
| 7.5°   | 910.6  | 910.6  | 907.4  | 905.3  | 905.3  | 902.2  | 906.4  | 905.3  | 907.4  | 907.4  | 910.6  |
| 10°    | 863.5  | 865.6  | 860.3  | 855.1  | 854.1  | 855.1  | 855.1  | 856.1  | 857.2  | 864.5  | 863.5  |
| 12.5°  | 824.7  | 821.6  | 820.6  | 817.4  | 812.2  | 810.1  | 808.0  | 819.5  | 816.4  | 816.4  | 816.4  |
| 15°    | 781.8  | 789.2  | 788.1  | 778.7  | 776.6  | 780.8  | 778.7  | 778.7  | 789.2  | 788.1  | 787.1  |
| 17.5°  | 758.8  | 756.7  | 754.6  | 749.4  | 750.4  | 749.4  | 750.4  | 750.4  | 756.7  | 756.7  | 756.7  |
| 20°    | 732.6  | 728.5  | 728.5  | 726.4  | 726.4  | 723.2  | 727.4  | 728.5  | 732.6  | 732.6  | 733.7  |
| 22.5°  | 709.6  | 706.5  | 706.5  | 705.4  | 707.5  | 703.3  | 707.5  | 708.6  | 708.6  | 711.7  | 711.7  |
| 25°    | 689.7  | 687.6  | 687.6  | 689.7  | 689.7  | 689.7  | 689.7  | 693.9  | 690.8  | 691.8  | 690.8  |
| 27.5°  | 671.9  | 673.0  | 674.0  | 675.1  | 674.0  | 675.1  | 676.1  | 678.2  | 679.3  | 678.2  | 676.1  |
| 30°    | 655.2  | 658.3  | 659.4  | 659.4  | 661.5  | 662.5  | 663.6  | 663.6  | 664.6  | 661.5  | 663.6  |
| 32.5°  | 642.6  | 642.6  | 644.7  | 645.8  | 647.9  | 648.9  | 648.9  | 651.0  | 650.0  | 646.8  | 647.9  |
| 35°    | 624.8  | 624.8  | 629.0  | 631.1  | 634.3  | 633.2  | 634.3  | 634.3  | 635.3  | 633.2  | 630.1  |
| 37.5°  | 607.0  | 609.1  | 609.1  | 613.3  | 614.4  | 615.4  | 614.4  | 616.5  | 615.4  | 613.3  | 612.3  |
| 40°    | 586.1  | 585.1  | 586.1  | 589.3  | 590.3  | 590.3  | 590.3  | 592.4  | 592.4  | 592.4  | 591.3  |
| 42.5°  | 560.0  | 563.1  | 562.0  | 565.2  | 564.1  | 564.1  | 566.2  | 568.3  | 569.4  | 566.2  | 567.3  |
| 45°    | 534.8  | 534.8  | 536.9  | 536.9  | 538.0  | 538.0  | 542.2  | 540.1  | 542.2  | 540.1  | 541.1  |
| 47.5°  | 507.6  | 508.7  | 508.7  | 509.7  | 511.8  | 513.9  | 511.8  | 512.9  | 512.9  | 513.9  | 511.8  |
| 50°    | 477.3  | 477.3  | 479.4  | 482.5  | 486.7  | 484.6  | 483.5  | 487.7  | 484.6  | 484.6  | 482.5  |
| 52.5°  | 445.9  | 449.0  | 450.1  | 453.2  | 456.3  | 457.4  | 458.4  | 456.3  | 457.4  | 454.2  | 455.3  |
| 55°    | 415.5  | 416.6  | 420.7  | 423.9  | 427.0  | 427.0  | 426.0  | 427.0  | 428.1  | 423.9  | 423.9  |
| 57.5°  | 385.2  | 388.3  | 392.5  | 392.5  | 396.7  | 396.7  | 395.6  | 395.6  | 396.7  | 393.5  | 392.5  |
| 60°    | 352.7  | 355.9  | 361.1  | 361.1  | 367.4  | 368.4  | 366.3  | 364.2  | 364.2  | 361.1  | 362.1  |
| 62.5°  | 318.2  | 321.3  | 324.5  | 329.7  | 333.9  | 331.8  | 336.0  | 331.8  | 332.8  | 326.6  | 326.6  |
| 65°    | 287.8  | 288.9  | 294.1  | 299.3  | 299.3  | 301.4  | 299.3  | 300.4  | 297.2  | 297.2  | 293.1  |
| 67.5°  | 252.2  | 252.2  | 257.5  | 262.7  | 267.9  | 267.9  | 267.9  | 264.8  | 264.8  | 261.7  | 261.7  |
| 70°    | 220.8  | 219.8  | 225.0  | 228.2  | 231.3  | 232.4  | 230.3  | 229.2  | 227.1  | 224.0  | 222.9  |
| 72.5°  | 182.1  | 184.2  | 189.4  | 191.5  | 196.8  | 195.7  | 201.0  | 194.7  | 194.7  | 189.4  | 188.4  |
| 75°    | 147.6  | 149.7  | 154.9  | 158.0  | 161.2  | 161.2  | 164.3  | 161.2  | 157.0  | 154.9  | 153.9  |
| 77.5°  | 117.2  | 116.2  | 120.4  | 125.6  | 126.6  | 125.6  | 127.7  | 126.6  | 122.5  | 122.5  | 120.4  |
| 80°    | 83.7   | 86.9   | 91.1   | 90.0   | 94.2   | 93.2   | 93.2   | 91.1   | 91.1   | 87.9   | 90.0   |
| 82.5°  | 55.5   | 58.6   | 59.7   | 58.6   | 59.7   | 61.8   | 62.8   | 61.8   | 61.8   | 59.7   | 60.7   |
| 85°    | 29.3   | 29.3   | 31.4   | 32.4   | 31.4   | 31.4   | 32.4   | 35.6   | 33.5   | 31.4   | 33.5   |
| 87.5°  | 9.4    | 8.4    | 8.4    | 9.4    | 8.4    | 8.4    | 9.4    | 9.4    | 10.5   | 10.5   | 10.5   |
| 90°    | 21.3   | 21.5   | 21.8   | 22.1   | 22.5   | 22.8   | 22.5   | 22.1   | 21.8   | 21.5   | 21.3   |
| 92.5°  | 34.2   | 34.0   | 33.7   | 33.3   | 33.0   | 32.6   | 33.0   | 33.3   | 33.7   | 34.0   | 34.2   |
| 95°    | 59.2   | 59.2   | 59.2   | 59.2   | 59.2   | 59.2   | 59.2   | 59.2   | 59.2   | 59.2   | 59.2   |
| 97.5°  | 85.8   | 85.7   | 85.5   | 85.4   | 85.2   | 85.0   | 85.2   | 85.4   | 85.5   | 85.7   | 85.8   |
| 100°   | 113.9  | 114.1  | 114.4  | 114.7  | 115.1  | 115.4  | 115.1  | 114.7  | 114.4  | 114.1  | 113.9  |
| 102.5° | 147.3  | 147.2  | 147.0  | 146.9  | 146.7  | 146.5  | 146.7  | 146.9  | 147.0  | 147.2  | 147.3  |
| 105°   | 179.2  | 179.4  | 179.7  | 180.0  | 180.4  | 180.7  | 180.4  | 180.0  | 179.7  | 179.4  | 179.2  |
| 107.5° | 216.4  | 216.3  | 216.1  | 216.0  | 215.8  | 215.6  | 215.8  | 216.0  | 216.1  | 216.3  | 216.4  |
| 110°   | 252.8  | 252.6  | 252.3  | 252.0  | 251.6  | 251.3  | 251.6  | 252.0  | 252.3  | 252.6  | 252.8  |



TEST NUMBER: P1012097

CATALOG NUMBER: S123DIP-B775D805UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 289.3  | 289.3 | 289.3 | 289.3 | 289.3 | 289.3 | 289.3 | 289.3 | 289.3 | 289.3 | 289.3  |
| 115°   | 324.2  | 324.1 | 323.9 | 323.8 | 323.6 | 323.4 | 323.6 | 323.8 | 323.9 | 324.1 | 324.2  |
| 117.5° | 360.6  | 360.4 | 359.9 | 359.4 | 358.9 | 358.4 | 358.9 | 359.4 | 359.9 | 360.4 | 360.6  |
| 120°   | 397.1  | 396.9 | 396.6 | 396.3 | 395.9 | 395.6 | 395.9 | 396.3 | 396.6 | 396.9 | 397.1  |
| 122.5° | 433.5  | 433.2 | 432.7 | 432.2 | 431.7 | 431.2 | 431.7 | 432.2 | 432.7 | 433.2 | 433.5  |
| 125°   | 470.0  | 469.7 | 469.0 | 468.3 | 467.6 | 466.9 | 467.6 | 468.3 | 469.0 | 469.7 | 470.0  |
| 127.5° | 505.6  | 505.3 | 504.6 | 503.9 | 503.3 | 502.6 | 503.3 | 503.9 | 504.6 | 505.3 | 505.6  |
| 130°   | 542.8  | 542.2 | 541.0 | 539.9 | 538.7 | 537.5 | 538.7 | 539.9 | 541.0 | 542.2 | 542.8  |
| 132.5° | 577.8  | 577.4 | 576.5 | 575.7 | 574.8 | 574.0 | 574.8 | 575.7 | 576.5 | 577.4 | 577.8  |
| 135°   | 613.4  | 613.2 | 612.9 | 612.6 | 612.2 | 611.9 | 612.2 | 612.6 | 612.9 | 613.2 | 613.4  |
| 137.5° | 647.6  | 647.3 | 646.8 | 646.3 | 645.8 | 645.3 | 645.8 | 646.3 | 646.8 | 647.3 | 647.6  |
| 140°   | 683.3  | 682.7 | 681.5 | 680.4 | 679.2 | 678.0 | 679.2 | 680.4 | 681.5 | 682.7 | 683.3  |
| 142.5° | 715.2  | 714.8 | 713.9 | 713.1 | 712.2 | 711.4 | 712.2 | 713.1 | 713.9 | 714.8 | 715.2  |
| 145°   | 746.3  | 746.0 | 745.3 | 744.6 | 744.0 | 743.3 | 744.0 | 744.6 | 745.3 | 746.0 | 746.3  |
| 147.5° | 776.7  | 776.2 | 775.2 | 774.1 | 773.1 | 772.1 | 773.1 | 774.1 | 775.2 | 776.2 | 776.7  |
| 150°   | 804.0  | 803.5 | 802.5 | 801.5 | 800.5 | 799.5 | 800.5 | 801.5 | 802.5 | 803.5 | 804.0  |
| 152.5° | 829.8  | 829.4 | 828.5 | 827.7 | 826.8 | 826.0 | 826.8 | 827.7 | 828.5 | 829.4 | 829.8  |
| 155°   | 854.9  | 854.3 | 853.1 | 852.0 | 850.8 | 849.6 | 850.8 | 852.0 | 853.1 | 854.3 | 854.9  |
| 157.5° | 876.1  | 875.6 | 874.6 | 873.6 | 872.6 | 871.6 | 872.6 | 873.6 | 874.6 | 875.6 | 876.1  |
| 160°   | 895.9  | 895.6 | 894.9 | 894.2 | 893.5 | 892.8 | 893.5 | 894.2 | 894.9 | 895.6 | 895.9  |
| 162.5° | 914.1  | 913.5 | 912.3 | 911.2 | 910.0 | 908.8 | 910.0 | 911.2 | 912.3 | 913.5 | 914.1  |
| 165°   | 929.3  | 928.7 | 927.5 | 926.4 | 925.2 | 924.0 | 925.2 | 926.4 | 927.5 | 928.7 | 929.3  |
| 167.5° | 942.2  | 941.7 | 940.7 | 939.6 | 938.6 | 937.6 | 938.6 | 939.6 | 940.7 | 941.7 | 942.2  |
| 170°   | 952.8  | 952.2 | 951.0 | 949.9 | 948.7 | 947.5 | 948.7 | 949.9 | 951.0 | 952.2 | 952.8  |
| 172.5° | 960.4  | 959.8 | 958.6 | 957.5 | 956.3 | 955.1 | 956.3 | 957.5 | 958.6 | 959.8 | 960.4  |
| 175°   | 965.7  | 965.1 | 963.9 | 962.8 | 961.6 | 960.4 | 961.6 | 962.8 | 963.9 | 965.1 | 965.7  |
| 177.5° | 968.8  | 968.2 | 967.0 | 965.8 | 964.6 | 963.4 | 964.6 | 965.8 | 967.0 | 968.2 | 968.8  |
| 180°   | 966.5  | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5  |

TEST NUMBER: P1012097

CATALOG NUMBER: S123DIP-B775D805UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 | 1080.1 |
| 2.5°   | 1025.7 | 1027.8 | 1028.8 | 1024.7 | 1021.5 | 1026.7 | 1034.1 | 1039.3 | 1043.5 | 1048.7 | 1051.9 |
| 5°     | 965.0  | 972.3  | 972.3  | 974.4  | 977.6  | 982.8  | 996.4  | 1005.8 | 1014.2 | 1020.5 | 1025.7 |
| 7.5°   | 913.7  | 918.9  | 922.1  | 927.3  | 932.6  | 939.9  | 955.6  | 969.2  | 981.7  | 989.1  | 997.4  |
| 10°    | 867.7  | 871.8  | 877.1  | 880.2  | 889.6  | 900.1  | 920.0  | 931.5  | 946.2  | 957.7  | 968.1  |
| 12.5°  | 823.7  | 838.4  | 841.5  | 840.4  | 848.8  | 860.3  | 880.2  | 898.0  | 913.7  | 925.2  | 936.7  |
| 15°    | 792.3  | 797.5  | 803.8  | 802.8  | 820.6  | 823.7  | 840.4  | 861.4  | 882.3  | 889.6  | 900.1  |
| 17.5°  | 757.8  | 766.1  | 772.4  | 775.6  | 780.8  | 792.3  | 808.0  | 823.7  | 850.9  | 852.0  | 879.2  |
| 20°    | 730.6  | 738.9  | 743.1  | 747.3  | 750.4  | 764.0  | 777.7  | 795.4  | 817.4  | 828.9  | 843.6  |
| 22.5°  | 712.8  | 716.9  | 720.1  | 723.2  | 727.4  | 734.7  | 751.5  | 771.4  | 786.0  | 798.6  | 808.0  |
| 25°    | 691.8  | 696.0  | 700.2  | 702.3  | 705.4  | 709.6  | 722.2  | 737.9  | 758.8  | 767.2  | 776.6  |
| 27.5°  | 677.2  | 677.2  | 679.3  | 679.3  | 683.5  | 687.6  | 697.1  | 711.7  | 728.5  | 738.9  | 751.5  |
| 30°    | 661.5  | 660.4  | 661.5  | 660.4  | 659.4  | 665.7  | 674.0  | 686.6  | 698.1  | 710.7  | 719.0  |
| 32.5°  | 645.8  | 644.7  | 644.7  | 645.8  | 641.6  | 644.7  | 648.9  | 660.4  | 673.0  | 679.3  | 688.7  |
| 35°    | 629.0  | 626.9  | 626.9  | 626.9  | 624.8  | 622.7  | 626.9  | 637.4  | 645.8  | 654.1  | 661.5  |
| 37.5°  | 612.3  | 609.1  | 609.1  | 607.0  | 605.0  | 601.8  | 601.8  | 610.2  | 621.7  | 624.8  | 634.3  |
| 40°    | 589.3  | 589.3  | 587.2  | 586.1  | 584.0  | 581.9  | 578.8  | 586.1  | 596.6  | 599.7  | 607.0  |
| 42.5°  | 566.2  | 563.1  | 562.0  | 562.0  | 562.0  | 558.9  | 556.8  | 562.0  | 568.3  | 573.6  | 577.7  |
| 45°    | 540.1  | 538.0  | 539.0  | 538.0  | 535.9  | 534.8  | 533.8  | 535.9  | 543.2  | 545.3  | 550.5  |
| 47.5°  | 511.8  | 510.8  | 510.8  | 509.7  | 508.7  | 509.7  | 505.5  | 510.8  | 512.9  | 514.9  | 519.1  |
| 50°    | 482.5  | 481.5  | 480.4  | 479.4  | 479.4  | 480.4  | 479.4  | 479.4  | 483.5  | 485.6  | 489.8  |
| 52.5°  | 453.2  | 450.1  | 450.1  | 449.0  | 449.0  | 446.9  | 449.0  | 450.1  | 452.1  | 454.2  | 456.3  |
| 55°    | 421.8  | 421.8  | 418.7  | 418.7  | 416.6  | 416.6  | 417.6  | 416.6  | 420.7  | 422.8  | 422.8  |
| 57.5°  | 391.4  | 387.3  | 388.3  | 386.2  | 384.1  | 383.1  | 383.1  | 385.2  | 387.3  | 387.3  | 389.3  |
| 60°    | 359.0  | 354.8  | 353.8  | 349.6  | 351.7  | 348.5  | 349.6  | 349.6  | 353.8  | 351.7  | 353.8  |
| 62.5°  | 326.6  | 321.3  | 318.2  | 316.1  | 316.1  | 317.1  | 315.0  | 314.0  | 316.1  | 318.2  | 322.4  |
| 65°    | 292.0  | 288.9  | 285.7  | 282.6  | 282.6  | 281.5  | 283.6  | 280.5  | 279.5  | 280.5  | 282.6  |
| 67.5°  | 256.4  | 253.3  | 250.1  | 247.0  | 248.1  | 244.9  | 242.8  | 246.0  | 243.9  | 244.9  | 247.0  |
| 70°    | 221.9  | 219.8  | 213.5  | 211.4  | 210.4  | 211.4  | 210.4  | 208.3  | 211.4  | 210.4  | 211.4  |
| 72.5°  | 187.3  | 185.3  | 182.1  | 176.9  | 176.9  | 175.8  | 174.8  | 174.8  | 173.7  | 173.7  | 173.7  |
| 75°    | 153.9  | 149.7  | 146.5  | 145.5  | 143.4  | 142.3  | 141.3  | 139.2  | 140.2  | 141.3  | 139.2  |
| 77.5°  | 119.3  | 114.1  | 113.0  | 113.0  | 109.9  | 109.9  | 110.9  | 109.9  | 108.9  | 108.9  | 108.9  |
| 80°    | 87.9   | 83.7   | 83.7   | 81.6   | 79.5   | 79.5   | 79.5   | 79.5   | 78.5   | 77.5   | 78.5   |
| 82.5°  | 56.5   | 55.5   | 54.4   | 54.4   | 56.5   | 52.3   | 54.4   | 53.4   | 52.3   | 52.3   | 51.3   |
| 85°    | 31.4   | 32.4   | 31.4   | 32.4   | 30.4   | 31.4   | 31.4   | 31.4   | 30.4   | 31.4   | 29.3   |
| 87.5°  | 11.5   | 11.5   | 11.5   | 12.6   | 12.6   | 12.6   | 12.6   | 12.6   | 13.6   | 12.6   | 12.6   |
| 90°    | 21.0   | 20.3   | 19.6   | 18.9   | 18.2   | 16.0   | 13.8   | 11.7   | 9.5    | 8.4    | 7.6    |
| 92.5°  | 33.9   | 33.4   | 32.9   | 32.4   | 31.9   | 30.9   | 29.9   | 28.8   | 27.8   | 27.3   | 26.8   |
| 95°    | 58.9   | 58.2   | 57.5   | 56.9   | 56.2   | 54.8   | 53.5   | 52.1   | 50.8   | 50.1   | 49.5   |
| 97.5°  | 85.4   | 84.5   | 83.7   | 82.8   | 82.0   | 81.0   | 80.0   | 78.9   | 77.9   | 77.4   | 77.0   |
| 100°   | 113.6  | 113.1  | 112.6  | 112.1  | 111.6  | 110.8  | 109.9  | 109.1  | 108.2  | 107.8  | 107.3  |
| 102.5° | 147.0  | 146.5  | 146.0  | 145.5  | 145.0  | 143.8  | 142.6  | 141.5  | 140.3  | 139.7  | 139.4  |
| 105°   | 179.2  | 179.2  | 179.2  | 179.2  | 179.2  | 177.7  | 176.1  | 174.6  | 173.1  | 172.3  | 172.1  |
| 107.5° | 216.1  | 215.6  | 215.1  | 214.6  | 214.1  | 213.4  | 212.8  | 212.1  | 211.4  | 211.1  | 211.0  |
| 110°   | 252.5  | 251.8  | 251.1  | 250.5  | 249.8  | 249.5  | 249.1  | 248.8  | 248.5  | 248.3  | 248.1  |

TEST NUMBER: P1012097

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 288.9 | 288.0 | 287.2 | 286.3 | 285.5 | 285.5 | 285.5 | 285.5 | 285.5 | 285.5  | 285.4 |
| 115°   | 324.1 | 323.9 | 323.8 | 323.6 | 323.4 | 323.7 | 324.1 | 324.4 | 324.7 | 324.9  | 324.7 |
| 117.5° | 360.6 | 360.6 | 360.6 | 360.6 | 360.6 | 360.9 | 361.3 | 361.6 | 361.9 | 362.1  | 362.0 |
| 120°   | 397.2 | 397.3 | 397.5 | 397.6 | 397.8 | 398.6 | 399.5 | 400.3 | 401.2 | 401.6  | 401.1 |
| 122.5° | 433.8 | 434.3 | 434.8 | 435.3 | 435.8 | 436.1 | 436.5 | 436.8 | 437.1 | 437.3  | 437.0 |
| 125°   | 470.3 | 471.0 | 471.7 | 472.3 | 473.0 | 473.3 | 473.7 | 474.0 | 474.3 | 474.5  | 474.2 |
| 127.5° | 506.1 | 507.1 | 508.2 | 509.2 | 510.2 | 510.5 | 510.9 | 511.2 | 511.5 | 511.7  | 511.2 |
| 130°   | 543.1 | 543.8 | 544.5 | 545.2 | 545.9 | 546.4 | 546.9 | 547.4 | 547.9 | 548.2  | 547.5 |
| 132.5° | 578.2 | 579.1 | 579.9 | 580.8 | 581.6 | 581.9 | 582.3 | 582.6 | 582.9 | 583.1  | 582.4 |
| 135°   | 613.7 | 614.4 | 615.1 | 615.8 | 616.5 | 616.7 | 616.8 | 617.0 | 617.1 | 617.2  | 616.7 |
| 137.5° | 648.0 | 648.9 | 649.7 | 650.6 | 651.4 | 650.9 | 650.4 | 649.9 | 649.4 | 649.1  | 648.7 |
| 140°   | 683.4 | 683.6 | 683.7 | 683.9 | 684.1 | 683.9 | 683.7 | 683.6 | 683.4 | 683.3  | 682.9 |
| 142.5° | 715.3 | 715.4 | 715.6 | 715.7 | 715.9 | 715.6 | 715.2 | 714.9 | 714.6 | 714.4  | 714.0 |
| 145°   | 746.4 | 746.6 | 746.7 | 746.9 | 747.1 | 746.6 | 746.1 | 745.6 | 745.1 | 744.8  | 744.6 |
| 147.5° | 776.7 | 776.7 | 776.7 | 776.7 | 776.7 | 776.2 | 775.7 | 775.2 | 774.7 | 774.4  | 774.1 |
| 150°   | 804.0 | 804.0 | 804.0 | 804.0 | 804.0 | 803.7 | 803.3 | 803.0 | 802.7 | 802.5  | 802.3 |
| 152.5° | 829.6 | 829.3 | 829.0 | 828.6 | 828.3 | 828.1 | 827.9 | 827.8 | 827.6 | 827.5  | 827.3 |
| 155°   | 854.6 | 853.9 | 853.2 | 852.5 | 851.8 | 851.6 | 851.5 | 851.3 | 851.2 | 851.1  | 851.1 |
| 157.5° | 875.8 | 875.1 | 874.4 | 873.8 | 873.1 | 872.9 | 872.7 | 872.6 | 872.4 | 872.3  | 872.4 |
| 160°   | 895.5 | 894.6 | 893.8 | 892.9 | 892.1 | 892.1 | 892.1 | 892.1 | 892.1 | 892.1  | 892.3 |
| 162.5° | 913.7 | 912.8 | 912.0 | 911.1 | 910.3 | 910.1 | 909.9 | 909.8 | 909.6 | 909.5  | 909.8 |
| 165°   | 928.8 | 927.8 | 926.7 | 925.7 | 924.7 | 924.7 | 924.7 | 924.7 | 924.7 | 924.7  | 925.0 |
| 167.5° | 941.7 | 940.7 | 939.6 | 938.6 | 937.6 | 937.4 | 937.3 | 937.1 | 937.0 | 936.9  | 937.2 |
| 170°   | 952.2 | 951.0 | 949.9 | 948.7 | 947.5 | 947.5 | 947.5 | 947.5 | 947.5 | 947.5  | 947.8 |
| 172.5° | 959.9 | 958.9 | 957.9 | 956.9 | 955.9 | 955.9 | 955.9 | 955.9 | 955.9 | 955.9  | 956.2 |
| 175°   | 965.2 | 964.2 | 963.2 | 962.2 | 961.2 | 961.2 | 961.2 | 961.2 | 961.2 | 961.2  | 961.5 |
| 177.5° | 968.3 | 967.3 | 966.2 | 965.2 | 964.2 | 964.2 | 964.2 | 964.2 | 964.2 | 964.2  | 964.5 |
| 180°   | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5 | 966.5  | 966.5 |

TEST NUMBER: P1012097

CATALOG NUMBER: S123DIP-B775D805UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1080.1 | 1080.1 | 1080.1 | 1080.1 |
| 2.5°   | 1057.1 | 1060.2 | 1070.7 | 1083.3 |
| 5°     | 1036.2 | 1044.5 | 1059.2 | 1079.1 |
| 7.5°   | 1013.1 | 1025.7 | 1046.6 | 1071.8 |
| 10°    | 987.0  | 1004.8 | 1030.9 | 1062.3 |
| 12.5°  | 958.7  | 981.7  | 1015.2 | 1047.7 |
| 15°    | 940.9  | 964.0  | 994.3  | 1029.9 |
| 17.5°  | 906.4  | 933.6  | 965.0  | 1015.2 |
| 20°    | 870.8  | 901.2  | 942.0  | 992.2  |
| 22.5°  | 843.6  | 876.0  | 914.8  | 968.1  |
| 25°    | 811.1  | 844.6  | 886.5  | 942.0  |
| 27.5°  | 776.6  | 810.1  | 857.2  | 915.8  |
| 30°    | 750.4  | 782.9  | 827.9  | 890.7  |
| 32.5°  | 719.0  | 750.4  | 797.5  | 863.5  |
| 35°    | 683.5  | 719.0  | 764.0  | 831.0  |
| 37.5°  | 656.2  | 688.7  | 735.8  | 799.6  |
| 40°    | 626.9  | 655.2  | 701.2  | 764.0  |
| 42.5°  | 595.5  | 626.9  | 666.7  | 729.5  |
| 45°    | 566.2  | 589.3  | 630.1  | 689.7  |
| 47.5°  | 534.8  | 561.0  | 592.4  | 638.4  |
| 50°    | 501.3  | 523.3  | 557.9  | 589.3  |
| 52.5°  | 468.9  | 486.7  | 516.0  | 540.1  |
| 55°    | 434.4  | 452.1  | 474.1  | 488.8  |
| 57.5°  | 401.9  | 414.5  | 429.1  | 438.5  |
| 60°    | 362.1  | 374.7  | 384.1  | 393.5  |
| 62.5°  | 326.6  | 336.0  | 341.2  | 346.4  |
| 65°    | 289.9  | 295.2  | 298.3  | 302.5  |
| 67.5°  | 250.1  | 255.4  | 256.4  | 262.7  |
| 70°    | 213.5  | 214.6  | 216.7  | 219.8  |
| 72.5°  | 179.0  | 181.1  | 180.0  | 182.1  |
| 75°    | 143.4  | 145.5  | 143.4  | 145.5  |
| 77.5°  | 108.9  | 110.9  | 110.9  | 114.1  |
| 80°    | 78.5   | 79.5   | 80.6   | 80.6   |
| 82.5°  | 51.3   | 54.4   | 52.3   | 53.4   |
| 85°    | 29.3   | 30.4   | 30.4   | 31.4   |
| 87.5°  | 13.6   | 14.7   | 13.6   | 15.7   |
| 90°    | 5.9    | 4.2    | 2.5    | 0.8    |
| 92.5°  | 25.8   | 24.8   | 23.8   | 22.8   |
| 95°    | 48.3   | 47.2   | 46.0   | 44.8   |
| 97.5°  | 76.1   | 75.3   | 74.4   | 73.6   |
| 100°   | 106.3  | 105.3  | 104.3  | 103.3  |
| 102.5° | 138.9  | 138.4  | 137.9  | 137.4  |
| 105°   | 171.8  | 171.5  | 171.1  | 170.8  |
| 107.5° | 210.8  | 210.7  | 210.5  | 210.3  |
| 110°   | 247.8  | 247.4  | 247.1  | 246.7  |

TEST NUMBER: P1012097

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 285.2 | 285.1 | 284.9 | 284.7 |
| 115°   | 324.2 | 323.7 | 323.2 | 322.7 |
| 117.5° | 361.9 | 361.7 | 361.6 | 361.4 |
| 120°   | 400.1 | 399.1 | 398.1 | 397.1 |
| 122.5° | 436.3 | 435.6 | 435.0 | 434.3 |
| 125°   | 473.7 | 473.2 | 472.7 | 472.2 |
| 127.5° | 510.2 | 509.2 | 508.2 | 507.2 |
| 130°   | 546.2 | 544.8 | 543.5 | 542.1 |
| 132.5° | 581.1 | 579.7 | 578.4 | 577.0 |
| 135°   | 615.7 | 614.7 | 613.7 | 612.7 |
| 137.5° | 647.8 | 647.0 | 646.1 | 645.3 |
| 140°   | 682.0 | 681.2 | 680.3 | 679.5 |
| 142.5° | 713.1 | 712.3 | 711.4 | 710.6 |
| 145°   | 744.3 | 744.0 | 743.6 | 743.3 |
| 147.5° | 773.4 | 772.7 | 772.1 | 771.4 |
| 150°   | 802.0 | 801.7 | 801.3 | 801.0 |
| 152.5° | 826.8 | 826.3 | 825.8 | 825.3 |
| 155°   | 851.1 | 851.1 | 851.1 | 851.1 |
| 157.5° | 872.6 | 872.7 | 872.9 | 873.1 |
| 160°   | 892.6 | 892.9 | 893.3 | 893.6 |
| 162.5° | 910.3 | 910.8 | 911.3 | 911.8 |
| 165°   | 925.5 | 926.0 | 926.5 | 927.0 |
| 167.5° | 937.9 | 938.6 | 939.2 | 939.9 |
| 170°   | 948.5 | 949.2 | 949.8 | 950.5 |
| 172.5° | 956.9 | 957.6 | 958.2 | 958.9 |
| 175°   | 962.2 | 962.9 | 963.5 | 964.2 |
| 177.5° | 965.2 | 965.9 | 966.5 | 967.2 |
| 180°   | 966.5 | 966.5 | 966.5 | 966.5 |

(END OF REPORT)