

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: P1037674

Luminaire Tested: S124DS-B575DB2750-4F0-XX-W2A-A\_3500K

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1037674  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124DS-B575DB2750-4F0-XX-W2A-A\_3500K  
Description: Define 4 Direct Surface with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

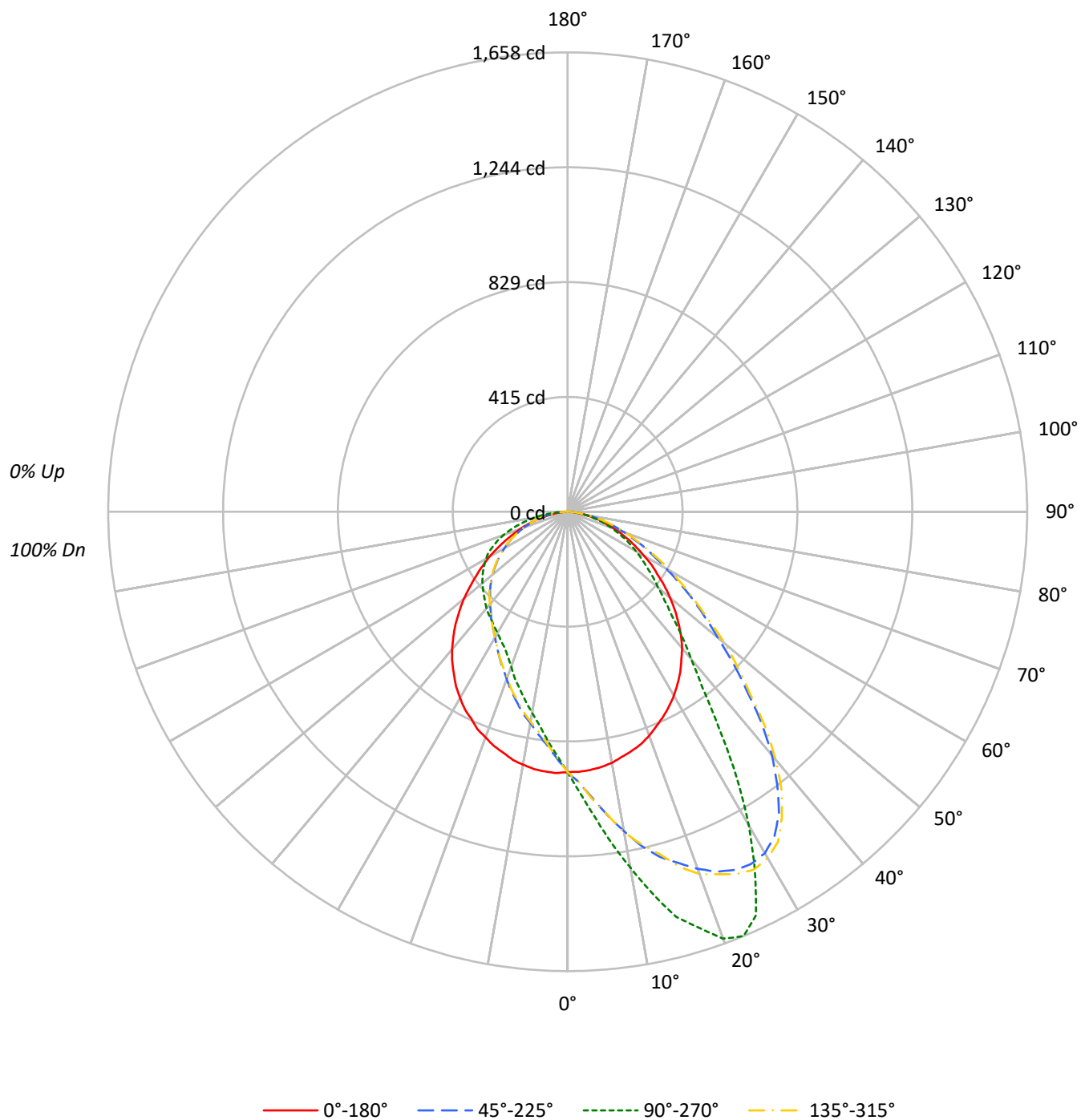
Lumens per Lamp: N/A  
Luminaire Lumens: 2592.0 lumens  
Efficiency: N/A  
Efficacy: 108.0 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41  
Luminous Opening: Rectangular (W 0.33' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 24  
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

TEST NUMBER: P1037674

CATALOG NUMBER: S124DS-B575DB2750-4F0-XX-W2A-A\_3500K

### Luminous Intensity Polar Plot



TEST NUMBER: P1037674

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

|     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |  |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|--|-----|-----|-----|--|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |  | 20  |     |     |  | 20  |     |     |  | 20  |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |  | 30  |     |     |  | 10  |     |     |  | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |  |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 |  | 100 |
| 1   | 109 | 105 | 101 | 97  | 107 | 103 | 99  | 96  | 98  | 95  | 93  |  | 95  | 92  | 90  |  | 91  | 89  | 87  |  | 85  |
| 2   | 100 | 92  | 86  | 80  | 98  | 90  | 84  | 79  | 87  | 82  | 78  |  | 84  | 79  | 76  |  | 81  | 77  | 74  |  | 72  |
| 3   | 92  | 82  | 74  | 68  | 89  | 80  | 73  | 67  | 77  | 71  | 66  |  | 74  | 69  | 65  |  | 72  | 67  | 64  |  | 62  |
| 4   | 84  | 73  | 64  | 58  | 82  | 72  | 64  | 58  | 69  | 62  | 57  |  | 67  | 61  | 56  |  | 65  | 60  | 55  |  | 53  |
| 5   | 78  | 65  | 57  | 50  | 76  | 64  | 56  | 50  | 62  | 55  | 50  |  | 60  | 54  | 49  |  | 58  | 53  | 49  |  | 46  |
| 6   | 72  | 59  | 51  | 44  | 70  | 58  | 50  | 44  | 56  | 49  | 44  |  | 55  | 48  | 43  |  | 53  | 47  | 43  |  | 41  |
| 7   | 67  | 54  | 45  | 39  | 65  | 53  | 45  | 39  | 52  | 44  | 39  |  | 50  | 44  | 39  |  | 49  | 43  | 38  |  | 36  |
| 8   | 62  | 49  | 41  | 35  | 61  | 49  | 41  | 35  | 47  | 40  | 35  |  | 46  | 40  | 35  |  | 45  | 39  | 35  |  | 33  |
| 9   | 58  | 45  | 37  | 32  | 57  | 45  | 37  | 32  | 44  | 37  | 32  |  | 43  | 36  | 32  |  | 42  | 36  | 31  |  | 30  |
| 10  | 55  | 42  | 34  | 29  | 54  | 41  | 34  | 29  | 40  | 34  | 29  |  | 39  | 33  | 29  |  | 39  | 33  | 29  |  | 27  |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 7660 | 7660  | 7660 | 7660 |
| 5°  | 7657 | 9021  | 7702 | 6778 |
| 10° | 7617 | 10800 | 7675 | 6103 |
| 15° | 7542 | 12779 | 7595 | 5604 |
| 20° | 7462 | 14229 | 7517 | 5160 |
| 25° | 7338 | 14459 | 7409 | 4852 |
| 30° | 7218 | 12304 | 7306 | 4756 |
| 35° | 7042 | 9459  | 7120 | 4756 |
| 40° | 6834 | 7373  | 6901 | 4847 |
| 45° | 6506 | 6148  | 6587 | 4927 |
| 50° | 6111 | 5411  | 6200 | 5095 |
| 55° | 5643 | 4956  | 5731 | 5300 |
| 60° | 5191 | 4645  | 5343 | 5547 |
| 65° | 4776 | 4324  | 4820 | 5752 |
| 70° | 4287 | 3953  | 4380 | 5882 |
| 75° | 3825 | 3532  | 3800 | 5810 |
| 80° | 3142 | 2958  | 3104 | 5626 |
| 85° | 2330 | 2180  | 2180 | 5389 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 11829 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 91.4   | 3.5       |
| 10°-20°   | 282.2  | 10.9      |
| 20°-30°   | 448.3  | 17.3      |
| 30°-40°   | 498.1  | 19.2      |
| 40°-50°   | 453.0  | 17.5      |
| 50°-60°   | 370.2  | 14.3      |
| 60°-70°   | 264.2  | 10.2      |
| 70°-80°   | 145.4  | 5.6       |
| 80°-90°   | 39.3   | 1.5       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 821.9  | 31.7      |
| 0°-40°    | 1320.0 | 50.9      |
| 0°-60°    | 2143.1 | 82.7      |
| 0°-90°    | 2592.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 2592.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90°  | 180° | 270° | 360° | Flux |
|-----|-----|------|------|------|------|------|
| 0°  | 939 | 939  | 939  | 939  | 939  |      |
| 5°  | 935 | 1102 | 941  | 828  | 935  | 89   |
| 15° | 893 | 1514 | 900  | 664  | 893  | 252  |
| 25° | 816 | 1607 | 823  | 539  | 816  | 376  |
| 35° | 707 | 950  | 715  | 478  | 707  | 442  |
| 45° | 564 | 533  | 571  | 427  | 564  | 435  |
| 55° | 397 | 349  | 403  | 373  | 397  | 357  |
| 65° | 248 | 224  | 250  | 298  | 248  | 244  |
| 75° | 121 | 112  | 121  | 184  | 121  | 127  |
| 85° | 25  | 23   | 23   | 58   | 25   | 30   |
| 90° | 0   | 0    | 0    | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 939.3 | 939.3 | 939.3 | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  |
| 2.5°  | 939.3 | 948.7 | 952.6 | 955.7  | 965.8  | 968.9  | 969.7  | 974.3  | 978.2  | 979.0  | 979.0  |
| 5°    | 935.4 | 950.2 | 961.9 | 972.8  | 989.1  | 996.1  | 1004.7 | 1014.0 | 1026.5 | 1034.3 | 1038.2 |
| 7.5°  | 929.2 | 951.0 | 968.9 | 987.6  | 1010.1 | 1024.2 | 1031.9 | 1056.8 | 1074.0 | 1088.0 | 1105.1 |
| 10°   | 919.9 | 947.9 | 973.6 | 1000.8 | 1032.7 | 1049.8 | 1067.0 | 1097.3 | 1121.4 | 1148.7 | 1170.5 |
| 12.5° | 905.9 | 942.4 | 973.6 | 1011.7 | 1051.4 | 1071.6 | 1091.9 | 1144.8 | 1172.8 | 1196.9 | 1235.8 |
| 15°   | 893.4 | 930.0 | 974.3 | 1013.3 | 1062.3 | 1092.6 | 1122.2 | 1156.5 | 1200.8 | 1253.0 | 1290.3 |
| 17.5° | 879.4 | 925.3 | 966.6 | 1021.0 | 1075.5 | 1104.3 | 1128.4 | 1181.4 | 1243.6 | 1295.0 | 1329.2 |
| 20°   | 859.9 | 906.6 | 961.1 | 1018.7 | 1083.3 | 1105.9 | 1137.8 | 1208.6 | 1264.6 | 1315.2 | 1371.2 |
| 22.5° | 837.4 | 891.9 | 949.4 | 1004.7 | 1071.6 | 1119.1 | 1154.1 | 1216.4 | 1284.1 | 1342.4 | 1405.5 |
| 25°   | 815.6 | 874.7 | 925.3 | 1000.8 | 1071.6 | 1103.5 | 1143.2 | 1217.2 | 1291.1 | 1361.9 | 1426.5 |
| 27.5° | 792.2 | 847.5 | 916.0 | 975.9  | 1056.1 | 1091.1 | 1133.9 | 1214.8 | 1293.4 | 1364.2 | 1433.5 |
| 30°   | 766.6 | 825.7 | 882.5 | 953.3  | 1031.2 | 1076.3 | 1116.0 | 1203.9 | 1284.1 | 1358.0 | 1422.6 |
| 32.5° | 737.8 | 793.8 | 854.5 | 921.4  | 1003.1 | 1049.1 | 1098.9 | 1189.1 | 1274.7 | 1338.6 | 1388.4 |
| 35°   | 707.4 | 764.2 | 817.1 | 885.6  | 969.7  | 1015.6 | 1063.8 | 1163.5 | 1248.3 | 1300.4 | 1329.2 |
| 37.5° | 673.9 | 727.6 | 779.8 | 847.5  | 931.5  | 980.6  | 1029.6 | 1126.1 | 1206.3 | 1249.8 | 1242.1 |
| 40°   | 642.0 | 690.3 | 738.5 | 802.4  | 890.3  | 942.4  | 985.2  | 1082.5 | 1152.6 | 1171.2 | 1145.6 |
| 42.5° | 605.5 | 646.7 | 693.4 | 758.8  | 844.4  | 893.4  | 947.1  | 1035.8 | 1088.0 | 1080.2 | 1036.6 |
| 45°   | 564.2 | 600.8 | 647.5 | 709.0  | 796.1  | 846.7  | 891.9  | 975.9  | 1014.0 | 994.6  | 915.2  |
| 47.5° | 524.5 | 560.3 | 598.5 | 659.9  | 744.8  | 787.6  | 833.5  | 909.0  | 930.8  | 889.5  | 810.1  |
| 50°   | 481.7 | 511.3 | 551.0 | 609.4  | 688.7  | 733.9  | 772.0  | 832.7  | 840.5  | 789.9  | 707.4  |
| 52.5° | 440.5 | 465.4 | 503.5 | 561.1  | 635.0  | 670.8  | 708.2  | 761.9  | 755.7  | 703.5  | 624.1  |
| 55°   | 396.9 | 420.2 | 455.3 | 508.2  | 573.6  | 607.8  | 639.7  | 687.2  | 673.9  | 620.3  | 551.0  |
| 57.5° | 360.3 | 376.7 | 410.9 | 459.9  | 513.6  | 551.0  | 578.2  | 615.6  | 595.3  | 541.6  | 477.1  |
| 60°   | 318.3 | 338.5 | 367.3 | 407.0  | 459.9  | 484.8  | 509.0  | 533.9  | 519.9  | 468.5  | 410.9  |
| 62.5° | 280.2 | 295.7 | 320.6 | 358.8  | 400.0  | 422.6  | 448.3  | 463.8  | 449.8  | 402.3  | 354.1  |
| 65°   | 247.5 | 259.9 | 279.4 | 310.5  | 350.2  | 368.9  | 383.7  | 398.5  | 386.8  | 342.4  | 307.4  |
| 67.5° | 211.7 | 222.6 | 238.9 | 263.8  | 297.3  | 310.5  | 324.5  | 334.6  | 321.4  | 291.8  | 257.6  |
| 70°   | 179.8 | 187.6 | 203.1 | 221.8  | 245.1  | 257.6  | 269.3  | 279.4  | 267.7  | 242.8  | 217.1  |
| 72.5° | 147.1 | 153.3 | 167.3 | 180.5  | 201.6  | 210.1  | 218.7  | 226.5  | 222.6  | 199.2  | 178.2  |
| 75°   | 121.4 | 123.7 | 133.1 | 144.0  | 157.2  | 166.5  | 172.8  | 177.4  | 174.3  | 155.6  | 142.4  |
| 77.5° | 91.8  | 94.9  | 101.9 | 110.5  | 122.2  | 127.6  | 131.5  | 136.2  | 132.3  | 117.5  | 108.2  |
| 80°   | 66.9  | 67.7  | 71.6  | 79.4   | 87.2   | 87.9   | 91.8   | 98.1   | 95.7   | 85.6   | 78.6   |
| 82.5° | 42.8  | 45.1  | 46.7  | 51.4   | 56.8   | 58.4   | 60.7   | 62.3   | 61.5   | 55.3   | 52.9   |
| 85°   | 24.9  | 24.9  | 26.5  | 29.6   | 31.1   | 33.5   | 34.2   | 35.0   | 36.6   | 32.7   | 30.4   |
| 87.5° | 10.9  | 11.7  | 11.7  | 12.5   | 14.0   | 14.0   | 14.8   | 15.6   | 16.3   | 15.6   | 13.2   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  |
| 2.5°  | 981.3  | 995.4  | 1001.6 | 1003.1 | 1011.7 | 1006.3 | 1008.6 | 1007.8 | 1014.0 | 1014.8 | 1014.8 |
| 5°    | 1052.9 | 1069.3 | 1074.7 | 1082.5 | 1094.2 | 1097.3 | 1095.0 | 1099.6 | 1108.2 | 1102.0 | 1111.3 |
| 7.5°  | 1128.4 | 1146.3 | 1158.8 | 1175.9 | 1179.8 | 1189.9 | 1196.1 | 1201.6 | 1203.1 | 1203.9 | 1205.5 |
| 10°   | 1198.5 | 1221.0 | 1238.2 | 1267.0 | 1273.2 | 1278.6 | 1305.9 | 1295.0 | 1309.0 | 1304.3 | 1305.9 |
| 12.5° | 1255.3 | 1299.6 | 1313.7 | 1361.9 | 1366.6 | 1385.3 | 1383.7 | 1400.8 | 1403.9 | 1410.2 | 1403.9 |
| 15°   | 1330.0 | 1381.4 | 1403.9 | 1431.2 | 1446.7 | 1468.5 | 1472.4 | 1495.8 | 1505.1 | 1513.7 | 1505.1 |
| 17.5° | 1398.5 | 1425.7 | 1483.3 | 1505.1 | 1515.2 | 1526.9 | 1556.5 | 1565.0 | 1579.0 | 1573.6 | 1589.1 |
| 20°   | 1432.7 | 1471.6 | 1532.3 | 1569.7 | 1585.3 | 1596.2 | 1621.1 | 1634.3 | 1639.7 | 1639.7 | 1641.3 |
| 22.5° | 1463.1 | 1519.1 | 1564.2 | 1607.0 | 1621.1 | 1628.8 | 1643.6 | 1653.7 | 1656.1 | 1657.6 | 1659.2 |
| 25°   | 1490.3 | 1540.9 | 1577.5 | 1601.6 | 1607.0 | 1607.0 | 1615.6 | 1609.4 | 1599.3 | 1607.0 | 1611.7 |
| 27.5° | 1490.3 | 1526.1 | 1542.5 | 1551.0 | 1551.0 | 1530.0 | 1517.6 | 1491.9 | 1470.1 | 1463.9 | 1477.9 |
| 30°   | 1465.4 | 1481.8 | 1459.2 | 1438.2 | 1421.8 | 1407.8 | 1358.8 | 1319.9 | 1312.1 | 1306.7 | 1327.7 |
| 32.5° | 1407.8 | 1386.8 | 1342.4 | 1281.7 | 1257.6 | 1225.7 | 1187.6 | 1158.0 | 1140.1 | 1133.9 | 1129.2 |
| 35°   | 1305.9 | 1251.4 | 1193.8 | 1112.1 | 1095.0 | 1054.5 | 1002.4 | 980.6  | 951.0  | 950.2  | 960.3  |
| 37.5° | 1194.6 | 1110.5 | 1048.3 | 970.5  | 946.3  | 903.5  | 854.5  | 831.9  | 811.7  | 796.1  | 814.8  |
| 40°   | 1064.6 | 991.5  | 896.5  | 832.7  | 798.5  | 775.9  | 734.7  | 709.7  | 700.4  | 692.6  | 704.3  |
| 42.5° | 943.2  | 863.1  | 789.1  | 723.8  | 695.7  | 670.1  | 642.8  | 618.7  | 611.7  | 610.9  | 619.5  |
| 45°   | 822.6  | 744.0  | 675.5  | 619.5  | 601.6  | 586.0  | 559.5  | 552.5  | 540.9  | 533.1  | 537.0  |
| 47.5° | 726.1  | 645.2  | 588.3  | 545.5  | 530.0  | 516.7  | 499.6  | 488.0  | 477.8  | 474.7  | 479.4  |
| 50°   | 631.1  | 576.7  | 518.3  | 482.5  | 470.8  | 458.4  | 445.1  | 434.3  | 429.6  | 426.5  | 429.6  |
| 52.5° | 554.9  | 496.5  | 456.8  | 428.0  | 416.4  | 407.0  | 397.7  | 393.0  | 386.8  | 388.3  | 391.5  |
| 55°   | 486.4  | 435.0  | 401.6  | 380.6  | 373.6  | 369.7  | 358.0  | 352.5  | 350.2  | 348.6  | 350.2  |
| 57.5° | 421.8  | 384.4  | 359.5  | 341.6  | 332.3  | 330.0  | 320.6  | 320.6  | 318.3  | 316.0  | 316.7  |
| 60°   | 370.4  | 338.5  | 314.4  | 300.4  | 298.8  | 294.9  | 288.7  | 287.9  | 282.5  | 284.8  | 285.6  |
| 62.5° | 318.3  | 292.6  | 276.3  | 267.7  | 262.3  | 260.7  | 256.8  | 256.0  | 253.7  | 254.5  | 252.9  |
| 65°   | 277.1  | 256.0  | 239.7  | 232.7  | 230.4  | 229.6  | 226.5  | 224.1  | 222.6  | 224.1  | 222.6  |
| 67.5° | 235.8  | 221.8  | 209.3  | 202.3  | 199.2  | 198.4  | 196.1  | 194.6  | 195.3  | 193.0  | 194.6  |
| 70°   | 196.9  | 182.9  | 175.1  | 171.2  | 169.7  | 167.3  | 167.3  | 167.3  | 167.3  | 165.8  | 165.0  |
| 72.5° | 165.8  | 151.8  | 146.3  | 144.0  | 142.4  | 141.6  | 139.3  | 140.1  | 139.3  | 138.5  | 141.6  |
| 75°   | 131.5  | 123.0  | 117.5  | 115.2  | 116.7  | 114.4  | 112.1  | 113.6  | 111.3  | 112.1  | 115.2  |
| 77.5° | 99.6   | 95.7   | 92.6   | 91.1   | 89.5   | 87.9   | 87.9   | 86.4   | 86.4   | 86.4   | 86.4   |
| 80°   | 72.4   | 71.6   | 66.1   | 65.4   | 65.4   | 63.8   | 63.8   | 63.8   | 63.8   | 63.0   | 63.8   |
| 82.5° | 48.3   | 47.5   | 45.9   | 45.1   | 43.6   | 44.4   | 44.4   | 42.8   | 42.8   | 42.0   | 42.8   |
| 85°   | 28.0   | 28.0   | 26.5   | 25.7   | 24.9   | 25.7   | 24.1   | 23.3   | 24.1   | 23.3   | 24.1   |
| 87.5° | 13.2   | 11.7   | 12.5   | 11.7   | 10.1   | 10.9   | 9.3    | 10.1   | 9.3    | 8.6    | 10.1   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  |
| 2.5°  | 1013.3 | 1010.9 | 1007.8 | 1007.8 | 1003.9 | 1003.9 | 997.7  | 986.8  | 977.5  | 974.3  | 975.9  |
| 5°    | 1099.6 | 1100.4 | 1095.7 | 1091.9 | 1084.9 | 1079.4 | 1069.3 | 1049.8 | 1043.6 | 1031.2 | 1022.6 |
| 7.5°  | 1198.5 | 1195.4 | 1186.8 | 1180.6 | 1179.0 | 1166.6 | 1144.8 | 1121.4 | 1102.8 | 1090.3 | 1072.4 |
| 10°   | 1309.8 | 1297.3 | 1284.9 | 1281.0 | 1271.6 | 1250.6 | 1225.7 | 1200.0 | 1174.4 | 1147.1 | 1116.8 |
| 12.5° | 1403.2 | 1379.0 | 1378.2 | 1368.9 | 1351.0 | 1339.3 | 1309.8 | 1273.2 | 1228.8 | 1198.5 | 1164.2 |
| 15°   | 1503.5 | 1481.0 | 1462.3 | 1445.2 | 1436.6 | 1402.4 | 1377.5 | 1331.6 | 1278.6 | 1245.9 | 1222.6 |
| 17.5° | 1575.1 | 1565.0 | 1533.1 | 1525.3 | 1513.7 | 1474.0 | 1434.3 | 1389.1 | 1343.2 | 1297.3 | 1234.3 |
| 20°   | 1632.7 | 1626.5 | 1605.5 | 1594.6 | 1575.9 | 1544.8 | 1496.5 | 1444.4 | 1391.5 | 1326.1 | 1267.0 |
| 22.5° | 1657.6 | 1649.9 | 1632.7 | 1623.4 | 1611.7 | 1585.3 | 1544.0 | 1484.9 | 1415.6 | 1357.2 | 1294.2 |
| 25°   | 1608.6 | 1622.6 | 1617.9 | 1614.1 | 1609.4 | 1593.8 | 1562.7 | 1510.5 | 1442.8 | 1376.7 | 1298.1 |
| 27.5° | 1498.1 | 1522.2 | 1545.6 | 1548.7 | 1556.5 | 1562.7 | 1550.2 | 1512.9 | 1456.1 | 1386.0 | 1299.6 |
| 30°   | 1349.5 | 1360.3 | 1407.8 | 1421.8 | 1432.7 | 1472.4 | 1495.8 | 1486.4 | 1442.8 | 1379.8 | 1300.4 |
| 32.5° | 1158.8 | 1187.6 | 1235.8 | 1269.3 | 1298.9 | 1343.2 | 1403.9 | 1428.1 | 1412.5 | 1361.1 | 1282.5 |
| 35°   | 978.2  | 1012.5 | 1068.5 | 1111.3 | 1140.9 | 1203.9 | 1275.5 | 1327.7 | 1347.1 | 1321.4 | 1251.4 |
| 37.5° | 830.4  | 871.6  | 921.4  | 937.8  | 972.0  | 1049.8 | 1148.7 | 1221.0 | 1268.5 | 1270.9 | 1216.4 |
| 40°   | 719.1  | 740.1  | 779.8  | 804.7  | 838.2  | 903.5  | 1000.0 | 1095.7 | 1167.3 | 1191.5 | 1162.7 |
| 42.5° | 624.9  | 641.3  | 670.8  | 701.2  | 731.5  | 781.3  | 870.1  | 959.6  | 1056.1 | 1104.3 | 1103.5 |
| 45°   | 550.2  | 567.3  | 587.6  | 612.5  | 633.5  | 687.2  | 757.2  | 849.1  | 932.3  | 1007.0 | 1025.7 |
| 47.5° | 484.8  | 499.6  | 524.5  | 535.4  | 549.4  | 600.0  | 660.7  | 746.3  | 832.7  | 918.3  | 940.1  |
| 50°   | 436.6  | 449.0  | 466.2  | 473.2  | 488.7  | 526.1  | 575.9  | 645.2  | 740.9  | 819.5  | 859.9  |
| 52.5° | 393.0  | 402.3  | 415.6  | 421.0  | 431.9  | 459.9  | 505.1  | 559.5  | 638.9  | 719.9  | 776.7  |
| 55°   | 355.7  | 361.9  | 371.2  | 377.4  | 385.2  | 410.1  | 443.6  | 492.6  | 561.1  | 631.1  | 686.4  |
| 57.5° | 320.6  | 325.3  | 334.6  | 337.8  | 344.0  | 363.4  | 386.8  | 428.0  | 491.1  | 553.3  | 607.0  |
| 60°   | 287.9  | 291.1  | 296.5  | 303.5  | 308.2  | 321.4  | 343.2  | 377.4  | 428.0  | 484.8  | 528.4  |
| 62.5° | 256.8  | 261.5  | 263.0  | 266.2  | 270.0  | 282.5  | 299.6  | 324.5  | 368.9  | 415.6  | 461.5  |
| 65°   | 224.9  | 228.8  | 231.9  | 232.7  | 236.6  | 245.9  | 261.5  | 283.3  | 312.1  | 352.5  | 395.3  |
| 67.5° | 195.3  | 197.7  | 199.2  | 202.3  | 206.2  | 210.9  | 223.4  | 239.7  | 266.2  | 298.8  | 333.1  |
| 70°   | 168.1  | 168.1  | 170.4  | 171.2  | 175.9  | 181.3  | 186.8  | 202.3  | 225.7  | 252.1  | 275.5  |
| 72.5° | 138.5  | 142.4  | 141.6  | 145.5  | 144.8  | 148.6  | 155.6  | 165.8  | 182.9  | 203.9  | 226.5  |
| 75°   | 112.8  | 115.2  | 115.2  | 115.2  | 116.7  | 119.8  | 123.7  | 133.1  | 146.3  | 163.4  | 176.7  |
| 77.5° | 87.9   | 89.5   | 89.5   | 89.5   | 90.3   | 93.4   | 97.3   | 103.5  | 112.8  | 123.0  | 130.7  |
| 80°   | 63.0   | 64.6   | 64.6   | 66.1   | 66.1   | 66.9   | 70.8   | 73.9   | 78.6   | 86.4   | 94.2   |
| 82.5° | 42.8   | 43.6   | 45.1   | 45.1   | 44.4   | 45.9   | 46.7   | 49.8   | 54.5   | 56.0   | 61.5   |
| 85°   | 23.3   | 24.1   | 24.9   | 24.9   | 25.7   | 27.2   | 26.5   | 29.6   | 29.6   | 32.7   | 34.2   |
| 87.5° | 9.3    | 10.9   | 10.9   | 10.1   | 10.9   | 10.9   | 10.9   | 12.5   | 13.2   | 14.0   | 13.2   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0°    | 939.3  | 939.3  | 939.3  | 939.3  | 939.3  | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 |
| 2.5°  | 968.9  | 965.8  | 963.5  | 963.5  | 956.4  | 949.4 | 945.6 | 944.0 | 942.4 | 936.2 | 927.7 |
| 5°    | 1008.6 | 998.5  | 991.5  | 984.5  | 972.8  | 960.3 | 947.9 | 940.9 | 930.8 | 916.8 | 906.6 |
| 7.5°  | 1052.9 | 1028.8 | 1021.0 | 1012.5 | 989.1  | 968.1 | 951.0 | 936.2 | 919.9 | 902.0 | 884.1 |
| 10°   | 1090.3 | 1064.6 | 1047.5 | 1032.7 | 1002.4 | 974.3 | 948.7 | 926.9 | 905.9 | 882.5 | 860.7 |
| 12.5° | 1126.1 | 1089.5 | 1071.6 | 1049.8 | 1017.9 | 977.5 | 944.0 | 916.8 | 885.6 | 861.5 | 835.0 |
| 15°   | 1175.9 | 1114.4 | 1084.9 | 1070.8 | 1028.0 | 980.6 | 940.1 | 899.6 | 874.0 | 837.4 | 814.0 |
| 17.5° | 1183.7 | 1133.9 | 1114.4 | 1078.6 | 1027.3 | 973.6 | 926.9 | 886.4 | 847.5 | 814.8 | 784.5 |
| 20°   | 1210.9 | 1145.6 | 1114.4 | 1091.9 | 1024.2 | 969.7 | 918.3 | 866.2 | 828.8 | 793.8 | 759.6 |
| 22.5° | 1228.0 | 1154.1 | 1121.4 | 1085.6 | 1021.0 | 955.7 | 895.0 | 849.8 | 803.9 | 768.1 | 740.9 |
| 25°   | 1223.4 | 1149.4 | 1112.9 | 1079.4 | 1000.8 | 935.4 | 881.0 | 823.4 | 780.6 | 741.7 | 705.9 |
| 27.5° | 1221.0 | 1137.8 | 1098.9 | 1061.5 | 987.6  | 919.1 | 850.6 | 803.9 | 756.4 | 711.3 | 684.8 |
| 30°   | 1214.8 | 1123.0 | 1077.9 | 1037.4 | 960.3  | 888.7 | 830.4 | 775.9 | 728.4 | 687.2 | 652.2 |
| 32.5° | 1193.8 | 1098.1 | 1054.5 | 1010.9 | 930.8  | 859.2 | 800.0 | 749.4 | 702.0 | 659.2 | 625.7 |
| 35°   | 1165.8 | 1068.5 | 1021.0 | 975.1  | 895.0  | 822.6 | 768.1 | 715.2 | 670.8 | 629.6 | 597.7 |
| 37.5° | 1137.8 | 1034.3 | 989.9  | 937.0  | 863.1  | 787.6 | 731.5 | 684.1 | 642.8 | 600.0 | 565.0 |
| 40°   | 1097.3 | 993.8  | 944.8  | 899.6  | 813.3  | 742.4 | 691.1 | 648.3 | 607.8 | 567.3 | 537.8 |
| 42.5° | 1042.1 | 949.4  | 898.9  | 849.1  | 768.1  | 698.1 | 648.3 | 610.1 | 572.0 | 538.5 | 505.9 |
| 45°   | 986.0  | 895.7  | 850.6  | 806.2  | 718.3  | 652.2 | 606.2 | 571.2 | 539.3 | 502.7 | 476.3 |
| 47.5° | 918.3  | 842.0  | 796.9  | 753.3  | 670.1  | 603.9 | 561.9 | 529.2 | 499.6 | 469.3 | 444.4 |
| 50°   | 849.1  | 782.9  | 741.7  | 696.5  | 617.1  | 557.2 | 516.0 | 488.7 | 464.6 | 435.8 | 415.6 |
| 52.5° | 774.3  | 716.8  | 681.7  | 638.1  | 568.1  | 512.9 | 470.8 | 443.6 | 423.4 | 402.3 | 384.4 |
| 55°   | 695.0  | 652.9  | 615.6  | 580.6  | 514.4  | 464.6 | 427.2 | 403.1 | 389.1 | 369.7 | 354.1 |
| 57.5° | 623.4  | 582.9  | 560.3  | 520.6  | 463.0  | 414.0 | 384.4 | 364.2 | 347.9 | 336.2 | 323.7 |
| 60°   | 548.7  | 516.0  | 491.1  | 462.3  | 411.7  | 370.4 | 339.3 | 327.6 | 310.5 | 302.0 | 296.5 |
| 62.5° | 477.1  | 453.7  | 430.4  | 408.6  | 363.4  | 324.5 | 301.2 | 286.4 | 276.3 | 267.7 | 263.0 |
| 65°   | 409.3  | 387.6  | 371.2  | 351.8  | 314.4  | 283.3 | 261.5 | 249.8 | 239.7 | 237.4 | 231.9 |
| 67.5° | 343.2  | 333.9  | 316.0  | 300.4  | 268.5  | 244.4 | 228.0 | 213.2 | 207.8 | 205.5 | 200.8 |
| 70°   | 287.2  | 276.3  | 262.3  | 249.0  | 224.9  | 203.9 | 189.1 | 183.7 | 175.9 | 175.1 | 169.7 |
| 72.5° | 236.6  | 223.4  | 213.2  | 203.1  | 185.2  | 166.5 | 158.8 | 151.0 | 147.1 | 144.0 | 141.6 |
| 75°   | 187.6  | 178.2  | 171.2  | 162.7  | 147.1  | 134.6 | 123.7 | 120.6 | 118.3 | 117.5 | 116.0 |
| 77.5° | 140.1  | 133.9  | 130.7  | 122.2  | 111.3  | 100.4 | 95.7  | 91.1  | 91.1  | 89.5  | 90.3  |
| 80°   | 99.6   | 95.7   | 91.8   | 87.2   | 77.8   | 73.2  | 69.3  | 66.1  | 64.6  | 63.8  | 64.6  |
| 82.5° | 63.0   | 60.7   | 59.9   | 56.8   | 50.6   | 48.3  | 45.1  | 42.8  | 42.8  | 42.8  | 42.8  |
| 85°   | 35.0   | 35.0   | 35.0   | 30.4   | 28.0   | 25.7  | 24.1  | 23.3  | 23.3  | 23.3  | 24.1  |
| 87.5° | 14.8   | 14.8   | 12.5   | 12.5   | 11.7   | 10.1  | 9.3   | 9.3   | 10.1  | 10.1  | 10.9  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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**CANDELA DISTRIBUTION (continued):**

|       | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 939.3 | 939.3  | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 |
| 2.5°  | 925.3 | 922.2  | 923.8 | 916.0 | 909.0 | 898.9 | 890.3 | 888.7 | 887.2 | 891.9 | 888.7 |
| 5°    | 898.9 | 895.0  | 891.1 | 881.7 | 867.7 | 859.2 | 846.7 | 845.9 | 841.3 | 834.3 | 835.8 |
| 7.5°  | 870.1 | 867.7  | 862.3 | 847.5 | 835.0 | 820.3 | 810.1 | 801.6 | 797.7 | 791.5 | 789.1 |
| 10°   | 846.7 | 838.2  | 833.5 | 817.1 | 802.4 | 786.8 | 773.6 | 767.3 | 760.3 | 754.9 | 751.0 |
| 12.5° | 814.8 | 812.5  | 799.2 | 786.0 | 773.6 | 755.7 | 745.5 | 727.6 | 718.3 | 723.0 | 721.4 |
| 15°   | 793.8 | 782.9  | 779.8 | 761.1 | 740.1 | 728.4 | 709.7 | 698.1 | 694.2 | 687.2 | 678.6 |
| 17.5° | 765.8 | 758.8  | 747.9 | 730.8 | 706.6 | 690.3 | 677.1 | 666.2 | 661.5 | 652.2 | 645.2 |
| 20°   | 739.3 | 727.6  | 719.1 | 703.5 | 680.2 | 659.2 | 642.8 | 635.8 | 624.1 | 616.4 | 612.5 |
| 22.5° | 715.2 | 706.6  | 694.2 | 670.8 | 650.6 | 630.4 | 610.9 | 600.8 | 589.9 | 585.2 | 579.0 |
| 25°   | 685.6 | 671.6  | 663.1 | 637.4 | 615.6 | 599.2 | 581.3 | 568.1 | 561.9 | 554.1 | 552.5 |
| 27.5° | 656.8 | 643.6  | 633.5 | 610.9 | 584.5 | 563.4 | 552.5 | 543.2 | 532.3 | 532.3 | 528.4 |
| 30°   | 628.0 | 618.7  | 603.1 | 581.3 | 556.4 | 536.2 | 523.7 | 515.2 | 511.3 | 508.2 | 507.4 |
| 32.5° | 599.2 | 586.8  | 577.4 | 547.9 | 529.2 | 510.5 | 501.2 | 494.2 | 489.5 | 488.7 | 489.5 |
| 35°   | 569.7 | 555.7  | 546.3 | 519.9 | 501.2 | 484.1 | 480.2 | 473.9 | 471.6 | 470.8 | 474.7 |
| 37.5° | 538.5 | 527.6  | 516.0 | 494.2 | 473.2 | 463.0 | 455.3 | 452.9 | 452.2 | 456.8 | 458.4 |
| 40°   | 509.7 | 500.4  | 489.5 | 466.2 | 450.6 | 439.7 | 435.8 | 433.5 | 436.6 | 441.3 | 443.6 |
| 42.5° | 482.5 | 469.3  | 460.7 | 439.7 | 425.7 | 419.5 | 414.8 | 414.8 | 417.9 | 423.4 | 427.2 |
| 45°   | 453.7 | 443.6  | 435.0 | 416.4 | 403.9 | 396.9 | 396.1 | 396.9 | 400.8 | 404.7 | 409.3 |
| 47.5° | 425.7 | 415.6  | 406.2 | 390.7 | 379.8 | 375.9 | 375.1 | 375.9 | 382.1 | 387.6 | 393.0 |
| 50°   | 400.0 | 389.1  | 380.6 | 365.8 | 357.2 | 352.5 | 353.3 | 357.2 | 361.9 | 369.7 | 376.7 |
| 52.5° | 369.7 | 361.9  | 354.1 | 340.9 | 333.1 | 330.0 | 332.3 | 335.4 | 344.0 | 349.4 | 358.0 |
| 55°   | 340.1 | 333.1  | 326.9 | 316.7 | 310.5 | 308.2 | 309.7 | 314.4 | 321.4 | 330.7 | 340.9 |
| 57.5° | 312.8 | 305.1  | 298.8 | 291.8 | 284.8 | 285.6 | 286.4 | 292.6 | 301.2 | 309.7 | 321.4 |
| 60°   | 282.5 | 277.8  | 272.4 | 263.8 | 260.7 | 260.7 | 263.0 | 270.0 | 277.8 | 291.8 | 302.0 |
| 62.5° | 255.3 | 249.0  | 245.1 | 239.7 | 235.0 | 235.8 | 241.3 | 247.5 | 256.8 | 268.5 | 281.7 |
| 65°   | 227.2 | 220.2  | 217.1 | 212.5 | 210.9 | 211.7 | 215.6 | 224.9 | 235.0 | 245.1 | 257.6 |
| 67.5° | 196.1 | 193.8  | 190.7 | 186.0 | 187.6 | 188.3 | 192.2 | 200.0 | 210.9 | 221.0 | 235.0 |
| 70°   | 169.7 | 165.0  | 164.2 | 160.3 | 160.3 | 162.7 | 170.4 | 175.9 | 186.0 | 196.9 | 211.7 |
| 72.5° | 141.6 | 137.7  | 137.7 | 134.6 | 137.0 | 139.3 | 143.2 | 151.0 | 160.3 | 171.2 | 183.7 |
| 75°   | 112.8 | 111.3  | 112.8 | 111.3 | 111.3 | 115.2 | 119.8 | 126.1 | 136.2 | 147.9 | 158.0 |
| 77.5° | 87.2  | 87.2   | 86.4  | 88.7  | 88.7  | 91.1  | 97.3  | 103.5 | 111.3 | 120.6 | 131.5 |
| 80°   | 63.8  | 63.8   | 63.8  | 66.1  | 68.5  | 68.5  | 72.4  | 80.2  | 87.2  | 93.4  | 103.5 |
| 82.5° | 43.6  | 43.6   | 43.6  | 45.1  | 48.3  | 48.3  | 52.9  | 57.6  | 65.4  | 70.8  | 75.5  |
| 85°   | 26.5  | 26.5   | 25.7  | 27.2  | 28.0  | 30.4  | 34.2  | 37.4  | 41.2  | 45.9  | 50.6  |
| 87.5° | 11.7  | 11.7   | 12.5  | 13.2  | 14.0  | 15.6  | 17.1  | 18.7  | 22.6  | 24.1  | 26.5  |
| 90°   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°    | 939.3  | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3  |
| 2.5°  | 886.4  | 885.6 | 881.7 | 883.3 | 878.6 | 880.2 | 882.5 | 883.3 | 886.4 | 884.1 | 883.3  |
| 5°    | 831.9  | 830.4 | 828.0 | 825.7 | 824.9 | 828.0 | 822.6 | 824.1 | 825.7 | 828.0 | 831.2  |
| 7.5°  | 787.6  | 786.8 | 784.5 | 780.6 | 779.0 | 777.5 | 778.2 | 783.7 | 782.9 | 782.1 | 787.6  |
| 10°   | 747.1  | 747.9 | 743.2 | 742.4 | 737.8 | 737.0 | 737.8 | 739.3 | 741.7 | 744.8 | 745.5  |
| 12.5° | 705.1  | 715.2 | 706.6 | 703.5 | 696.5 | 700.4 | 702.0 | 695.0 | 698.9 | 701.2 | 712.9  |
| 15°   | 678.6  | 673.9 | 668.5 | 668.5 | 665.4 | 663.8 | 659.9 | 665.4 | 668.5 | 673.2 | 671.6  |
| 17.5° | 642.0  | 634.3 | 631.1 | 628.0 | 628.8 | 631.9 | 623.4 | 635.8 | 635.8 | 638.1 | 634.3  |
| 20°   | 610.1  | 603.9 | 600.0 | 598.5 | 596.1 | 594.6 | 593.8 | 596.9 | 601.6 | 603.1 | 607.0  |
| 22.5° | 576.7  | 576.7 | 570.4 | 568.1 | 566.6 | 564.2 | 568.1 | 565.8 | 568.9 | 572.0 | 578.2  |
| 25°   | 548.7  | 548.7 | 546.3 | 543.2 | 540.9 | 539.3 | 541.6 | 540.9 | 543.2 | 547.1 | 548.7  |
| 27.5° | 526.1  | 523.7 | 523.0 | 522.2 | 521.4 | 522.2 | 521.4 | 523.7 | 526.1 | 526.9 | 525.3  |
| 30°   | 506.6  | 504.3 | 505.1 | 505.1 | 505.9 | 505.1 | 504.3 | 506.6 | 507.4 | 505.9 | 506.6  |
| 32.5° | 488.7  | 488.7 | 490.3 | 491.1 | 491.1 | 491.8 | 492.6 | 491.1 | 491.8 | 489.5 | 490.3  |
| 35°   | 473.9  | 475.5 | 477.1 | 477.8 | 478.6 | 477.8 | 479.4 | 478.6 | 477.1 | 475.5 | 474.7  |
| 37.5° | 459.2  | 460.7 | 463.8 | 464.6 | 466.9 | 467.7 | 466.2 | 466.2 | 465.4 | 462.3 | 460.7  |
| 40°   | 443.6  | 445.1 | 449.0 | 451.4 | 452.9 | 455.3 | 453.7 | 453.7 | 450.6 | 447.5 | 445.1  |
| 42.5° | 428.8  | 431.9 | 435.8 | 438.1 | 441.3 | 441.3 | 441.3 | 439.7 | 435.8 | 432.7 | 430.4  |
| 45°   | 414.0  | 414.8 | 420.2 | 424.1 | 427.2 | 427.2 | 427.2 | 424.9 | 422.6 | 416.4 | 413.2  |
| 47.5° | 397.7  | 400.0 | 406.2 | 410.1 | 413.2 | 414.0 | 414.0 | 411.7 | 407.0 | 401.6 | 397.7  |
| 50°   | 379.8  | 383.7 | 390.7 | 396.1 | 400.0 | 401.6 | 399.2 | 397.7 | 392.2 | 386.0 | 381.3  |
| 52.5° | 362.7  | 367.3 | 375.9 | 380.6 | 386.0 | 386.8 | 386.0 | 383.7 | 377.4 | 368.9 | 365.0  |
| 55°   | 345.5  | 349.4 | 358.8 | 366.5 | 371.2 | 372.8 | 371.2 | 367.3 | 359.5 | 351.0 | 347.1  |
| 57.5° | 326.9  | 332.3 | 342.4 | 350.2 | 355.7 | 356.4 | 354.9 | 351.0 | 344.8 | 333.9 | 328.4  |
| 60°   | 307.4  | 314.4 | 324.5 | 332.3 | 339.3 | 340.1 | 338.5 | 333.1 | 325.3 | 314.4 | 309.7  |
| 62.5° | 287.9  | 293.4 | 305.1 | 313.6 | 319.1 | 323.0 | 319.9 | 314.4 | 306.6 | 295.7 | 288.7  |
| 65°   | 265.4  | 273.2 | 283.3 | 291.1 | 297.3 | 298.1 | 296.5 | 291.8 | 283.3 | 271.6 | 266.2  |
| 67.5° | 243.6  | 249.0 | 259.2 | 269.3 | 271.6 | 273.9 | 271.6 | 266.9 | 259.9 | 249.8 | 242.0  |
| 70°   | 217.1  | 221.8 | 234.2 | 241.3 | 244.4 | 246.7 | 245.1 | 240.5 | 234.2 | 224.9 | 218.7  |
| 72.5° | 190.7  | 194.6 | 206.2 | 211.7 | 217.9 | 217.1 | 216.3 | 213.2 | 204.7 | 198.4 | 194.6  |
| 75°   | 162.7  | 167.3 | 175.1 | 182.1 | 184.4 | 184.4 | 184.4 | 182.1 | 176.7 | 166.5 | 162.7  |
| 77.5° | 137.0  | 139.3 | 145.5 | 149.4 | 151.8 | 152.5 | 151.8 | 147.9 | 144.8 | 137.7 | 135.4  |
| 80°   | 105.1  | 111.3 | 116.0 | 116.7 | 119.8 | 119.8 | 119.8 | 118.3 | 115.2 | 108.2 | 107.4  |
| 82.5° | 79.4   | 80.9  | 85.6  | 87.9  | 89.5  | 88.7  | 88.7  | 85.6  | 84.8  | 80.9  | 79.4   |
| 85°   | 53.7   | 56.0  | 55.3  | 58.4  | 59.1  | 57.6  | 57.6  | 59.1  | 55.3  | 56.0  | 53.7   |
| 87.5° | 29.6   | 29.6  | 31.1  | 30.4  | 33.5  | 33.5  | 31.9  | 32.7  | 31.1  | 30.4  | 29.6   |
| 90°   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°    | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3 | 939.3  | 939.3 |
| 2.5°  | 883.3 | 888.0 | 883.3 | 886.4 | 888.0 | 891.9 | 893.4 | 900.4 | 902.7 | 908.2  | 908.2 |
| 5°    | 830.4 | 832.7 | 833.5 | 836.6 | 839.7 | 847.5 | 852.9 | 863.1 | 874.7 | 876.3  | 883.3 |
| 7.5°  | 787.6 | 791.5 | 797.7 | 795.4 | 800.8 | 812.5 | 819.5 | 831.9 | 843.6 | 849.8  | 858.4 |
| 10°   | 749.4 | 754.1 | 756.4 | 758.8 | 768.9 | 779.0 | 789.9 | 798.5 | 814.0 | 823.4  | 830.4 |
| 12.5° | 718.3 | 714.4 | 719.1 | 727.6 | 739.3 | 745.5 | 760.3 | 773.6 | 785.2 | 795.4  | 801.6 |
| 15°   | 677.8 | 681.0 | 685.6 | 700.4 | 703.5 | 719.1 | 724.5 | 739.3 | 761.1 | 770.4  | 778.2 |
| 17.5° | 638.9 | 649.0 | 658.4 | 663.8 | 673.2 | 685.6 | 701.2 | 717.5 | 731.5 | 742.4  | 751.8 |
| 20°   | 607.8 | 617.9 | 623.4 | 627.3 | 636.6 | 653.7 | 668.5 | 688.7 | 706.6 | 715.2  | 727.6 |
| 22.5° | 582.9 | 582.9 | 590.7 | 602.4 | 607.8 | 624.1 | 636.6 | 658.4 | 677.8 | 688.7  | 700.4 |
| 25°   | 551.8 | 556.4 | 562.7 | 572.8 | 580.6 | 593.8 | 611.7 | 630.4 | 651.4 | 660.7  | 675.5 |
| 27.5° | 526.1 | 531.5 | 540.1 | 542.4 | 550.2 | 561.9 | 580.6 | 600.8 | 622.6 | 632.7  | 645.2 |
| 30°   | 506.6 | 509.7 | 512.9 | 517.5 | 524.5 | 534.6 | 550.2 | 568.1 | 594.6 | 602.4  | 617.9 |
| 32.5° | 489.5 | 491.1 | 492.6 | 496.5 | 500.4 | 510.5 | 523.0 | 542.4 | 564.2 | 575.9  | 589.9 |
| 35°   | 473.9 | 472.4 | 473.2 | 475.5 | 479.4 | 483.3 | 496.5 | 512.9 | 533.1 | 547.1  | 558.0 |
| 37.5° | 459.2 | 456.0 | 455.3 | 455.3 | 456.8 | 461.5 | 471.6 | 485.6 | 507.4 | 519.1  | 530.0 |
| 40°   | 442.8 | 439.7 | 438.1 | 437.4 | 436.6 | 439.7 | 447.5 | 461.5 | 478.6 | 489.5  | 502.0 |
| 42.5° | 427.2 | 424.1 | 420.2 | 419.5 | 417.9 | 419.5 | 424.9 | 438.1 | 452.9 | 463.8  | 473.9 |
| 45°   | 411.7 | 406.2 | 401.6 | 398.5 | 399.2 | 396.9 | 400.8 | 410.9 | 428.0 | 435.0  | 445.1 |
| 47.5° | 394.6 | 388.3 | 382.1 | 379.0 | 375.9 | 377.4 | 379.0 | 387.6 | 402.3 | 409.3  | 419.5 |
| 50°   | 378.2 | 369.7 | 362.7 | 358.8 | 356.4 | 354.9 | 356.4 | 365.0 | 375.9 | 382.1  | 390.7 |
| 52.5° | 359.5 | 351.0 | 344.0 | 337.8 | 334.6 | 332.3 | 333.1 | 340.9 | 351.0 | 357.2  | 365.8 |
| 55°   | 342.4 | 331.5 | 322.2 | 314.4 | 312.1 | 311.3 | 310.5 | 316.0 | 324.5 | 330.7  | 337.8 |
| 57.5° | 323.0 | 312.1 | 302.0 | 292.6 | 287.9 | 287.2 | 287.2 | 288.7 | 299.6 | 304.3  | 308.2 |
| 60°   | 303.5 | 291.8 | 280.9 | 272.4 | 265.4 | 263.0 | 262.3 | 265.4 | 270.8 | 275.5  | 280.9 |
| 62.5° | 281.7 | 270.0 | 256.8 | 249.0 | 242.0 | 235.8 | 238.1 | 238.9 | 246.7 | 249.0  | 253.7 |
| 65°   | 260.7 | 247.5 | 236.6 | 224.1 | 216.3 | 212.5 | 210.9 | 212.5 | 218.7 | 219.5  | 222.6 |
| 67.5° | 236.6 | 224.1 | 210.9 | 202.3 | 195.3 | 188.3 | 186.8 | 186.8 | 189.9 | 192.2  | 196.1 |
| 70°   | 213.2 | 200.8 | 186.0 | 176.7 | 169.7 | 163.4 | 161.1 | 160.3 | 162.7 | 164.2  | 168.1 |
| 72.5° | 186.0 | 173.5 | 162.7 | 152.5 | 144.0 | 139.3 | 137.0 | 135.4 | 137.7 | 139.3  | 140.1 |
| 75°   | 157.2 | 147.1 | 136.2 | 126.1 | 120.6 | 116.0 | 112.8 | 110.5 | 112.1 | 112.1  | 112.1 |
| 77.5° | 130.0 | 119.8 | 111.3 | 104.3 | 97.3  | 91.8  | 89.5  | 87.2  | 87.9  | 87.9   | 89.5  |
| 80°   | 101.2 | 94.2  | 87.2  | 80.9  | 74.7  | 70.0  | 68.5  | 66.1  | 64.6  | 63.8   | 63.8  |
| 82.5° | 74.7  | 69.3  | 63.0  | 57.6  | 54.5  | 49.8  | 48.3  | 45.1  | 45.1  | 44.4   | 44.4  |
| 85°   | 49.8  | 46.7  | 40.5  | 36.6  | 34.2  | 31.9  | 30.4  | 28.8  | 26.5  | 26.5   | 25.7  |
| 87.5° | 26.5  | 24.9  | 23.3  | 18.7  | 18.7  | 16.3  | 15.6  | 14.8  | 12.5  | 13.2   | 13.2  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |

TEST NUMBER: P1037674

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**CANDELA DISTRIBUTION (continued):**

|       | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|
| 0°    | 939.3 | 939.3 | 939.3 | 939.3 |
| 2.5°  | 913.6 | 921.4 | 928.4 | 939.3 |
| 5°    | 893.4 | 904.3 | 919.1 | 935.4 |
| 7.5°  | 870.1 | 887.2 | 906.6 | 929.2 |
| 10°   | 848.3 | 867.7 | 892.6 | 919.9 |
| 12.5° | 825.7 | 849.1 | 876.3 | 905.9 |
| 15°   | 800.0 | 823.4 | 853.7 | 893.4 |
| 17.5° | 776.7 | 804.7 | 837.4 | 879.4 |
| 20°   | 749.4 | 775.9 | 811.7 | 859.9 |
| 22.5° | 725.3 | 755.7 | 795.4 | 837.4 |
| 25°   | 698.9 | 725.3 | 765.0 | 815.6 |
| 27.5° | 672.4 | 705.1 | 743.2 | 792.2 |
| 30°   | 646.7 | 673.9 | 715.2 | 766.6 |
| 32.5° | 618.7 | 651.4 | 689.5 | 737.8 |
| 35°   | 588.3 | 619.5 | 655.3 | 707.4 |
| 37.5° | 561.1 | 591.5 | 628.0 | 673.9 |
| 40°   | 530.8 | 562.7 | 596.1 | 642.0 |
| 42.5° | 501.2 | 530.0 | 563.4 | 605.5 |
| 45°   | 472.4 | 497.3 | 527.6 | 564.2 |
| 47.5° | 442.8 | 463.8 | 491.8 | 524.5 |
| 50°   | 410.9 | 433.5 | 454.5 | 481.7 |
| 52.5° | 381.3 | 400.8 | 417.9 | 440.5 |
| 55°   | 352.5 | 365.8 | 379.8 | 396.9 |
| 57.5° | 322.2 | 332.3 | 342.4 | 360.3 |
| 60°   | 291.8 | 301.2 | 306.6 | 318.3 |
| 62.5° | 262.3 | 266.2 | 273.2 | 280.2 |
| 65°   | 229.6 | 235.0 | 238.9 | 247.5 |
| 67.5° | 200.0 | 202.3 | 206.2 | 211.7 |
| 70°   | 168.9 | 174.3 | 175.9 | 179.8 |
| 72.5° | 142.4 | 144.8 | 146.3 | 147.1 |
| 75°   | 112.8 | 115.2 | 116.7 | 121.4 |
| 77.5° | 88.7  | 87.9  | 91.1  | 91.8  |
| 80°   | 65.4  | 63.0  | 63.8  | 66.9  |
| 82.5° | 42.8  | 43.6  | 42.8  | 42.8  |
| 85°   | 26.5  | 25.7  | 24.1  | 24.9  |
| 87.5° | 11.7  | 11.7  | 10.9  | 10.9  |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)