

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: P1029486

Luminaire Tested: S122DIW-B485D1440UB2750-4F0-XX-W2A-A\_4000K

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1029486  
REPORT IS A COMBINATION OF REPORTS P986030 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122DIW-B485D1440UB2750-4F0-XX-W2A-A\_4000K  
Description: Define 2 Direct/Indirect Wall Mount with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

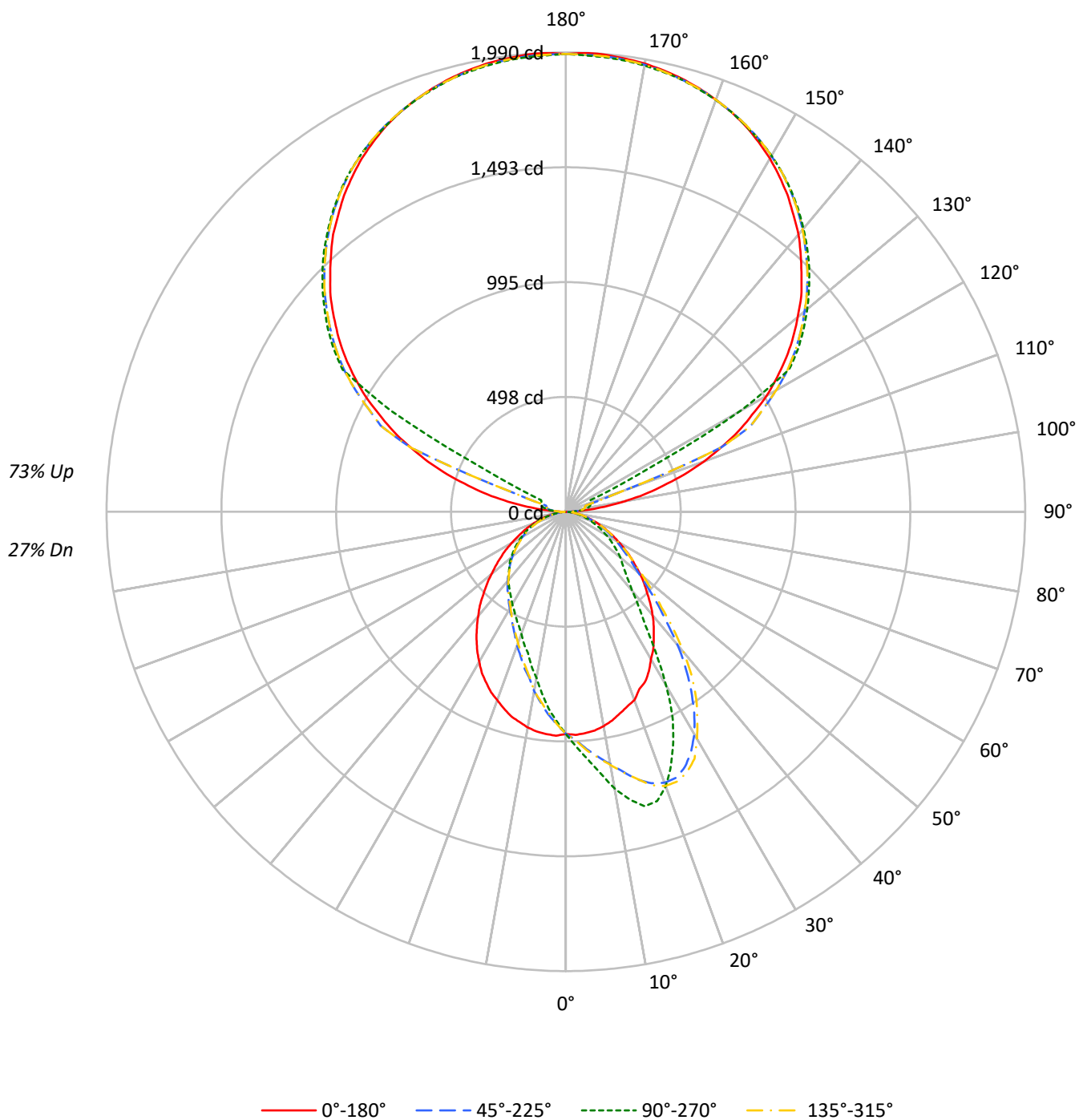
Lumens per Lamp: N/A  
Luminaire Lumens: 7940.0 lumens  
Efficiency: N/A  
Efficacy: 104.2 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 76.2  
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: P1029486

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A\_4000K

### Luminous Intensity Polar Plot



TEST NUMBER: P1029486

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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   | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 70 | 70 | 70 | 52 | 52 | 52 | 35 | 35 | 35 |
| 1   | 93  | 89  | 85  | 82  | 83 | 79 | 76 | 74 | 62 | 60 | 58 | 46 | 45 | 44 | 31 | 30 | 30 |
| 2   | 85  | 78  | 72  | 67  | 75 | 70 | 65 | 61 | 55 | 51 | 48 | 41 | 39 | 37 | 28 | 27 | 25 |
| 3   | 77  | 69  | 62  | 56  | 69 | 61 | 56 | 51 | 48 | 44 | 41 | 36 | 33 | 31 | 25 | 23 | 22 |
| 4   | 71  | 61  | 53  | 48  | 63 | 55 | 48 | 43 | 43 | 39 | 35 | 32 | 29 | 27 | 22 | 21 | 19 |
| 5   | 65  | 54  | 46  | 41  | 58 | 49 | 42 | 37 | 38 | 34 | 30 | 29 | 26 | 23 | 20 | 18 | 17 |
| 6   | 60  | 48  | 41  | 35  | 53 | 44 | 37 | 32 | 35 | 30 | 26 | 26 | 23 | 21 | 18 | 16 | 15 |
| 7   | 55  | 44  | 36  | 31  | 49 | 39 | 33 | 28 | 31 | 27 | 23 | 24 | 21 | 18 | 17 | 15 | 13 |
| 8   | 51  | 40  | 32  | 27  | 46 | 36 | 29 | 25 | 29 | 24 | 21 | 22 | 19 | 16 | 15 | 13 | 12 |
| 9   | 48  | 36  | 29  | 24  | 43 | 33 | 26 | 22 | 26 | 22 | 18 | 20 | 17 | 15 | 14 | 12 | 11 |
| 10  | 44  | 33  | 26  | 22  | 40 | 30 | 24 | 20 | 24 | 20 | 16 | 18 | 15 | 13 | 13 | 11 | 10 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15231 | 15231 | 15231 | 15231 |
| 5°  | 15268 | 16241 | 15327 | 12921 |
| 10° | 15091 | 17729 | 15185 | 10653 |
| 15° | 14726 | 18701 | 14929 | 8974  |
| 20° | 14495 | 17558 | 14495 | 7799  |
| 25° | 14033 | 15085 | 14096 | 6975  |
| 30° | 13274 | 11858 | 13526 | 6317  |
| 35° | 12599 | 8200  | 12810 | 5780  |
| 40° | 11826 | 6191  | 11961 | 5351  |
| 45° | 10872 | 5087  | 11049 | 4890  |
| 50° | 10046 | 4465  | 10063 | 4476  |
| 55° | 9105  | 3805  | 9164  | 4027  |
| 60° | 8102  | 3179  | 8214  | 3514  |
| 65° | 7206  | 2585  | 7337  | 3001  |
| 70° | 6310  | 2027  | 6470  | 2420  |
| 75° | 5298  | 1472  | 5505  | 1755  |
| 80° | 4136  | 933   | 4431  | 1043  |
| 85° | 2712  | 470   | 2924  | 348   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15745 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 91.7   | 1.2       |
| 10°-20°   | 266.8  | 3.4       |
| 20°-30°   | 387.2  | 4.9       |
| 30°-40°   | 408.1  | 5.1       |
| 40°-50°   | 361.2  | 4.5       |
| 50°-60°   | 288.4  | 3.6       |
| 60°-70°   | 195.9  | 2.5       |
| 70°-80°   | 100.2  | 1.3       |
| 80°-90°   | 27.2   | 0.3       |
| 90°-100°  | 65.4   | 0.8       |
| 100°-110° | 243.8  | 3.1       |
| 110°-120° | 646.5  | 8.1       |
| 120°-130° | 1072.2 | 13.5      |
| 130°-140° | 1138.9 | 14.3      |
| 140°-150° | 1058.5 | 13.3      |
| 150°-160° | 851.0  | 10.7      |
| 160°-170° | 548.4  | 6.9       |
| 170°-180° | 188.7  | 2.4       |
| 0°-30°    | 745.6  | 9.4       |
| 0°-40°    | 1153.7 | 14.5      |
| 0°-60°    | 1803.2 | 22.7      |
| 0°-90°    | 2126.5 | 26.8      |
| 90°-120°  | 955.6  | 12.0      |
| 90°-150°  | 4225.4 | 53.2      |
| 90°-180°  | 5813.0 | 73.2      |
| 0°-180°   | 7940.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 962  | 962  | 962  | 962  | 962  |      |
| 5°   | 963  | 1075 | 967  | 855  | 963  | 91   |
| 15°  | 905  | 1321 | 917  | 634  | 905  | 255  |
| 25°  | 813  | 1101 | 816  | 509  | 813  | 372  |
| 35°  | 663  | 599  | 674  | 422  | 663  | 415  |
| 45°  | 498  | 361  | 506  | 347  | 498  | 386  |
| 55°  | 342  | 254  | 344  | 268  | 342  | 305  |
| 65°  | 203  | 156  | 206  | 181  | 203  | 201  |
| 75°  | 95   | 77   | 98   | 92   | 95   | 102  |
| 85°  | 19   | 20   | 21   | 15   | 19   | 22   |
| 90°  | 1    | 39   | 1    | 39   | 1    | 6    |
| 95°  | 93   | 62   | 93   | 62   | 93   | 110  |
| 105° | 436  | 109  | 436  | 109  | 436  | 466  |
| 115° | 825  | 118  | 825  | 118  | 825  | 812  |
| 125° | 1167 | 1227 | 1167 | 1227 | 1167 | 1040 |
| 135° | 1444 | 1491 | 1444 | 1491 | 1444 | 1115 |
| 145° | 1674 | 1700 | 1674 | 1700 | 1674 | 1047 |
| 155° | 1844 | 1845 | 1844 | 1845 | 1844 | 850  |
| 165° | 1943 | 1938 | 1943 | 1938 | 1943 | 549  |
| 175° | 1987 | 1976 | 1987 | 1976 | 1987 | 189  |
| 180° | 1983 | 1983 | 1983 | 1983 | 1983 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 962.2 | 962.2 | 962.2 | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  |
| 2.5°   | 967.4 | 969.6 | 973.3 | 974.1  | 981.5  | 987.4  | 994.0  | 994.0  | 996.3  | 995.5  | 989.6  |
| 5°     | 963.0 | 969.6 | 979.3 | 987.4  | 1000.7 | 1006.6 | 1015.5 | 1022.2 | 1028.1 | 1032.5 | 1031.8 |
| 7.5°   | 955.6 | 967.4 | 981.5 | 997.0  | 1014.8 | 1025.1 | 1037.7 | 1049.5 | 1057.7 | 1065.0 | 1070.2 |
| 10°    | 943.0 | 963.0 | 982.2 | 1002.9 | 1025.8 | 1039.9 | 1054.7 | 1070.2 | 1082.8 | 1096.9 | 1110.2 |
| 12.5°  | 926.0 | 954.8 | 978.5 | 1005.9 | 1034.0 | 1049.5 | 1073.2 | 1085.0 | 1109.4 | 1144.9 | 1154.5 |
| 15°    | 904.6 | 943.8 | 965.9 | 1000.7 | 1037.7 | 1050.3 | 1082.8 | 1102.0 | 1152.3 | 1174.5 | 1201.1 |
| 17.5°  | 884.6 | 928.2 | 957.8 | 997.7  | 1034.0 | 1058.4 | 1090.2 | 1129.4 | 1171.6 | 1203.4 | 1232.9 |
| 20°    | 868.3 | 910.5 | 946.0 | 990.3  | 1036.2 | 1067.3 | 1100.6 | 1147.9 | 1193.7 | 1226.3 | 1249.2 |
| 22.5°  | 831.3 | 885.3 | 926.7 | 976.3  | 1031.8 | 1074.7 | 1106.5 | 1158.2 | 1207.8 | 1227.8 | 1247.7 |
| 25°    | 812.8 | 859.4 | 907.5 | 963.7  | 1028.8 | 1079.8 | 1107.2 | 1164.9 | 1208.5 | 1215.9 | 1220.4 |
| 27.5°  | 778.8 | 831.3 | 887.5 | 951.9  | 1028.1 | 1071.0 | 1105.7 | 1158.2 | 1193.0 | 1187.8 | 1174.5 |
| 30°    | 736.7 | 801.0 | 863.1 | 932.7  | 1017.7 | 1064.3 | 1096.9 | 1144.9 | 1162.7 | 1136.1 | 1112.4 |
| 32.5°  | 705.6 | 766.2 | 835.0 | 915.6  | 1005.9 | 1050.3 | 1082.1 | 1119.8 | 1123.5 | 1075.4 | 1035.5 |
| 35°    | 663.4 | 730.7 | 808.4 | 893.5  | 985.9  | 1025.8 | 1055.4 | 1078.4 | 1060.6 | 993.3  | 946.0  |
| 37.5°  | 625.7 | 692.3 | 775.1 | 861.7  | 958.5  | 997.7  | 1021.4 | 1025.1 | 981.5  | 922.3  | 852.8  |
| 40°    | 584.3 | 653.1 | 739.6 | 830.6  | 928.2  | 962.2  | 977.0  | 965.9  | 903.1  | 834.3  | 753.7  |
| 42.5°  | 542.9 | 610.9 | 704.1 | 797.3  | 889.8  | 918.6  | 924.5  | 894.2  | 817.3  | 736.7  | 643.5  |
| 45°    | 497.8 | 568.8 | 662.0 | 755.9  | 845.4  | 861.7  | 862.4  | 818.8  | 727.8  | 643.5  | 556.9  |
| 47.5°  | 460.8 | 526.6 | 619.1 | 713.0  | 788.4  | 799.5  | 795.1  | 744.8  | 645.7  | 551.0  | 475.6  |
| 50°    | 420.1 | 483.0 | 574.7 | 667.1  | 731.5  | 734.4  | 723.3  | 651.6  | 554.7  | 468.2  | 408.3  |
| 52.5°  | 376.5 | 440.1 | 524.4 | 613.1  | 670.8  | 666.4  | 644.9  | 568.0  | 477.1  | 405.3  | 359.5  |
| 55°    | 341.7 | 397.9 | 477.1 | 563.6  | 604.3  | 591.7  | 568.0  | 489.6  | 417.9  | 357.2  | 317.3  |
| 57.5°  | 303.2 | 352.8 | 430.5 | 505.9  | 529.6  | 517.7  | 494.1  | 420.8  | 354.3  | 308.4  | 281.8  |
| 60°    | 267.0 | 312.1 | 380.2 | 443.0  | 461.5  | 448.9  | 421.6  | 355.8  | 307.7  | 269.2  | 249.3  |
| 62.5°  | 233.7 | 272.9 | 329.9 | 387.6  | 395.0  | 382.4  | 358.7  | 305.5  | 264.0  | 233.7  | 218.9  |
| 65°    | 202.7 | 239.6 | 285.5 | 329.1  | 335.8  | 322.5  | 298.1  | 259.6  | 224.8  | 205.6  | 191.6  |
| 67.5°  | 172.3 | 201.9 | 242.6 | 274.4  | 278.1  | 265.5  | 245.6  | 214.5  | 193.0  | 172.3  | 162.0  |
| 70°    | 145.7 | 167.9 | 199.7 | 225.6  | 227.1  | 215.2  | 204.9  | 176.8  | 160.5  | 145.7  | 137.6  |
| 72.5°  | 119.8 | 135.4 | 159.8 | 179.0  | 179.7  | 172.3  | 162.7  | 145.0  | 130.9  | 120.6  | 112.4  |
| 75°    | 94.7  | 108.0 | 122.8 | 139.8  | 139.0  | 133.1  | 125.7  | 114.6  | 102.8  | 96.2   | 92.5   |
| 77.5°  | 72.5  | 80.6  | 92.5  | 103.5  | 103.5  | 100.6  | 96.2   | 88.0   | 80.6   | 74.0   | 70.3   |
| 80°    | 51.8  | 57.0  | 66.6  | 70.3   | 71.7   | 71.0   | 67.3   | 61.4   | 58.4   | 53.3   | 51.8   |
| 82.5°  | 33.3  | 37.0  | 41.4  | 45.1   | 47.3   | 45.9   | 45.1   | 42.2   | 37.7   | 36.2   | 34.8   |
| 85°    | 19.2  | 20.7  | 22.9  | 25.1   | 25.9   | 25.1   | 26.6   | 24.4   | 22.2   | 22.2   | 21.4   |
| 87.5°  | 8.1   | 8.9   | 10.4  | 10.4   | 11.1   | 11.1   | 10.4   | 11.1   | 11.1   | 10.4   | 9.6    |
| 90°    | 1.4   | 4.9   | 8.4   | 11.9   | 15.4   | 17.2   | 18.5   | 21.0   | 23.6   | 26.1   | 28.7   |
| 92.5°  | 35.9  | 34.6  | 33.3  | 32.0   | 30.7   | 30.1   | 30.6   | 31.5   | 32.5   | 33.4   | 34.4   |
| 95°    | 93.3  | 82.8  | 72.2  | 61.7   | 51.2   | 45.9   | 47.0   | 49.3   | 51.5   | 53.8   | 56.0   |
| 97.5°  | 167.9 | 141.7 | 115.6 | 89.4   | 63.3   | 50.2   | 52.8   | 57.9   | 63.0   | 68.1   | 73.2   |
| 100°   | 254.0 | 210.3 | 166.6 | 122.9  | 79.2   | 57.4   | 60.1   | 65.5   | 71.0   | 76.4   | 81.8   |
| 102.5° | 348.7 | 348.1 | 347.4 | 346.8  | 346.1  | 345.8  | 316.8  | 258.8  | 200.7  | 142.7  | 84.7   |
| 105°   | 436.2 | 445.8 | 455.4 | 464.9  | 474.5  | 479.3  | 435.8  | 348.7  | 261.6  | 174.6  | 87.5   |
| 107.5° | 538.1 | 546.1 | 554.1 | 562.0  | 570.0  | 574.0  | 520.3  | 412.8  | 305.3  | 197.9  | 90.4   |
| 110°   | 635.7 | 642.4 | 649.1 | 655.8  | 662.5  | 665.8  | 619.7  | 527.6  | 435.4  | 343.3  | 251.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 727.5  | 733.2  | 739.0  | 744.7  | 750.4  | 753.3  | 750.6  | 745.2  | 739.7  | 734.3  | 728.9  |
| 115°   | 825.1  | 830.5  | 835.9  | 841.4  | 846.8  | 849.5  | 853.5  | 861.4  | 869.4  | 877.3  | 885.3  |
| 117.5° | 909.7  | 916.1  | 922.5  | 928.8  | 935.2  | 938.4  | 941.1  | 946.5  | 952.0  | 957.4  | 962.8  |
| 120°   | 1004.4 | 1009.2 | 1014.0 | 1018.7 | 1023.5 | 1025.9 | 1028.8 | 1034.5 | 1040.3 | 1046.0 | 1051.8 |
| 122.5° | 1084.8 | 1089.9 | 1095.0 | 1100.1 | 1105.2 | 1107.7 | 1110.9 | 1117.3 | 1123.6 | 1130.0 | 1136.4 |
| 125°   | 1166.6 | 1170.7 | 1174.9 | 1179.0 | 1183.1 | 1185.2 | 1188.2 | 1194.3 | 1200.4 | 1206.4 | 1212.5 |
| 127.5° | 1241.2 | 1245.7 | 1250.1 | 1254.6 | 1259.1 | 1261.3 | 1263.7 | 1268.5 | 1273.2 | 1278.0 | 1282.8 |
| 130°   | 1311.5 | 1316.6 | 1321.7 | 1326.8 | 1331.9 | 1334.4 | 1336.2 | 1339.7 | 1343.2 | 1346.7 | 1350.2 |
| 132.5° | 1383.2 | 1387.4 | 1391.5 | 1395.7 | 1399.8 | 1401.9 | 1403.7 | 1407.2 | 1410.7 | 1414.2 | 1417.7 |
| 135°   | 1443.5 | 1448.6 | 1453.7 | 1458.8 | 1463.9 | 1466.5 | 1467.9 | 1470.8 | 1473.7 | 1476.5 | 1479.4 |
| 137.5° | 1506.6 | 1510.4 | 1514.3 | 1518.1 | 1522.0 | 1523.9 | 1525.5 | 1528.7 | 1531.8 | 1535.0 | 1538.2 |
| 140°   | 1568.3 | 1570.9 | 1573.4 | 1576.0 | 1578.5 | 1579.8 | 1581.6 | 1585.1 | 1588.6 | 1592.1 | 1595.6 |
| 142.5° | 1620.0 | 1622.2 | 1624.4 | 1626.7 | 1628.9 | 1630.0 | 1632.1 | 1636.2 | 1640.4 | 1644.5 | 1648.7 |
| 145°   | 1674.5 | 1674.2 | 1673.9 | 1673.6 | 1673.3 | 1673.1 | 1675.8 | 1681.2 | 1686.7 | 1692.1 | 1697.5 |
| 147.5° | 1721.9 | 1720.9 | 1720.0 | 1719.0 | 1718.1 | 1717.6 | 1720.3 | 1725.7 | 1731.2 | 1736.6 | 1742.0 |
| 150°   | 1767.8 | 1765.6 | 1763.3 | 1761.1 | 1758.8 | 1757.7 | 1760.3 | 1765.4 | 1770.5 | 1775.6 | 1780.7 |
| 152.5° | 1806.5 | 1803.9 | 1801.4 | 1798.8 | 1796.3 | 1795.0 | 1797.4 | 1802.2 | 1807.0 | 1811.8 | 1816.6 |
| 155°   | 1843.8 | 1840.9 | 1838.1 | 1835.2 | 1832.3 | 1830.9 | 1832.8 | 1836.6 | 1840.5 | 1844.3 | 1848.1 |
| 157.5° | 1874.0 | 1871.4 | 1868.9 | 1866.3 | 1863.8 | 1862.5 | 1863.9 | 1866.8 | 1869.7 | 1872.5 | 1875.4 |
| 160°   | 1899.8 | 1897.9 | 1896.0 | 1894.1 | 1892.2 | 1891.2 | 1892.2 | 1894.1 | 1896.0 | 1897.9 | 1899.8 |
| 162.5° | 1922.8 | 1920.9 | 1918.9 | 1917.0 | 1915.1 | 1914.1 | 1914.9 | 1916.5 | 1918.1 | 1919.7 | 1921.3 |
| 165°   | 1942.8 | 1940.9 | 1939.0 | 1937.1 | 1935.2 | 1934.2 | 1934.7 | 1935.6 | 1936.6 | 1937.5 | 1938.5 |
| 167.5° | 1958.6 | 1956.7 | 1954.8 | 1952.9 | 1951.0 | 1950.0 | 1950.5 | 1951.4 | 1952.4 | 1953.3 | 1954.3 |
| 170°   | 1971.5 | 1969.6 | 1967.7 | 1965.8 | 1963.9 | 1962.9 | 1963.2 | 1963.9 | 1964.5 | 1965.2 | 1965.8 |
| 172.5° | 1980.1 | 1978.2 | 1976.3 | 1974.4 | 1972.5 | 1971.5 | 1971.8 | 1972.5 | 1973.1 | 1973.8 | 1974.4 |
| 175°   | 1987.3 | 1985.1 | 1982.9 | 1980.6 | 1978.4 | 1977.3 | 1977.6 | 1978.2 | 1978.9 | 1979.5 | 1980.1 |
| 177.5° | 1990.2 | 1988.0 | 1985.7 | 1983.5 | 1981.2 | 1980.1 | 1980.3 | 1980.6 | 1980.9 | 1981.3 | 1981.6 |
| 180°   | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  |
| 2.5°   | 1000.0 | 1000.7 | 1002.2 | 1009.6 | 1013.3 | 1014.0 | 1011.1 | 1017.7 | 1019.9 | 1017.7 | 1016.2 |
| 5°     | 1047.3 | 1051.7 | 1060.6 | 1070.2 | 1069.5 | 1070.2 | 1074.7 | 1079.1 | 1080.6 | 1074.7 | 1076.9 |
| 7.5°   | 1088.7 | 1097.6 | 1107.2 | 1122.0 | 1122.0 | 1129.4 | 1132.4 | 1136.1 | 1144.9 | 1140.5 | 1139.0 |
| 10°    | 1136.1 | 1147.9 | 1165.6 | 1189.3 | 1190.0 | 1197.4 | 1204.8 | 1216.7 | 1220.4 | 1217.4 | 1218.9 |
| 12.5°  | 1195.2 | 1218.2 | 1219.6 | 1245.5 | 1257.3 | 1258.8 | 1270.7 | 1268.4 | 1275.8 | 1275.8 | 1288.4 |
| 15°    | 1221.1 | 1256.6 | 1276.6 | 1301.7 | 1309.1 | 1300.2 | 1309.9 | 1320.2 | 1321.0 | 1321.0 | 1320.2 |
| 17.5°  | 1267.7 | 1281.8 | 1301.7 | 1315.0 | 1318.0 | 1318.0 | 1318.7 | 1323.2 | 1320.2 | 1314.3 | 1318.7 |
| 20°    | 1277.3 | 1283.2 | 1290.6 | 1289.2 | 1290.6 | 1283.2 | 1275.8 | 1268.4 | 1269.2 | 1265.5 | 1276.6 |
| 22.5°  | 1259.6 | 1258.1 | 1241.1 | 1230.0 | 1230.0 | 1215.2 | 1201.1 | 1194.5 | 1187.8 | 1190.0 | 1193.7 |
| 25°    | 1215.2 | 1192.3 | 1171.6 | 1155.3 | 1151.6 | 1127.9 | 1108.7 | 1102.8 | 1091.7 | 1100.6 | 1102.0 |
| 27.5°  | 1144.2 | 1118.3 | 1085.0 | 1071.0 | 1051.7 | 1042.1 | 1028.8 | 1011.1 | 988.1  | 1001.4 | 999.2  |
| 30°    | 1068.0 | 1029.5 | 1002.2 | 968.2  | 937.8  | 935.6  | 910.5  | 880.9  | 869.1  | 869.1  | 875.7  |
| 32.5°  | 983.0  | 931.9  | 892.0  | 843.9  | 814.3  | 801.7  | 771.4  | 741.8  | 748.5  | 726.3  | 734.4  |
| 35°    | 883.8  | 816.5  | 766.2  | 719.6  | 697.5  | 682.7  | 643.5  | 627.2  | 609.4  | 599.1  | 618.3  |
| 37.5°  | 789.2  | 711.5  | 647.2  | 596.1  | 588.0  | 561.4  | 534.7  | 524.4  | 514.0  | 518.5  | 517.7  |
| 40°    | 673.8  | 605.0  | 547.3  | 507.4  | 493.3  | 480.8  | 463.0  | 450.4  | 443.8  | 447.5  | 448.2  |
| 42.5°  | 569.5  | 511.8  | 468.9  | 440.8  | 429.0  | 420.1  | 411.2  | 400.9  | 398.7  | 398.7  | 401.6  |
| 45°    | 488.9  | 441.6  | 412.7  | 389.8  | 383.1  | 376.5  | 369.8  | 365.4  | 363.9  | 360.9  | 363.2  |
| 47.5°  | 424.5  | 386.8  | 369.1  | 352.1  | 344.7  | 343.2  | 337.3  | 335.0  | 332.1  | 331.3  | 332.1  |
| 50°    | 370.5  | 346.9  | 330.6  | 321.0  | 315.8  | 313.6  | 310.6  | 306.2  | 304.7  | 308.4  | 306.9  |
| 52.5°  | 332.8  | 310.6  | 301.8  | 292.1  | 289.2  | 286.2  | 281.8  | 282.5  | 281.8  | 280.3  | 280.3  |
| 55°    | 295.1  | 281.1  | 272.2  | 264.8  | 264.0  | 261.1  | 257.4  | 255.9  | 255.2  | 253.7  | 255.9  |
| 57.5°  | 264.8  | 253.7  | 245.6  | 238.9  | 235.9  | 235.9  | 232.2  | 229.3  | 229.3  | 228.5  | 229.3  |
| 60°    | 234.5  | 223.4  | 218.2  | 211.5  | 209.3  | 208.6  | 206.4  | 204.9  | 202.7  | 202.7  | 202.7  |
| 62.5°  | 206.4  | 197.5  | 191.6  | 185.6  | 186.4  | 182.7  | 179.7  | 178.2  | 178.2  | 179.0  | 179.0  |
| 65°    | 179.7  | 173.8  | 166.4  | 161.2  | 159.8  | 159.0  | 157.5  | 156.8  | 154.6  | 156.1  | 156.1  |
| 67.5°  | 155.3  | 147.2  | 142.7  | 140.5  | 138.3  | 137.6  | 136.1  | 134.6  | 133.9  | 133.1  | 134.6  |
| 70°    | 130.9  | 124.3  | 120.6  | 119.1  | 116.9  | 116.1  | 115.4  | 113.2  | 113.9  | 114.6  | 115.4  |
| 72.5°  | 108.7  | 102.8  | 102.1  | 97.6   | 97.6   | 97.6   | 94.7   | 96.2   | 95.4   | 93.9   | 95.4   |
| 75°    | 85.8   | 82.8   | 81.4   | 79.1   | 79.9   | 79.1   | 78.4   | 76.2   | 76.2   | 76.9   | 77.7   |
| 77.5°  | 68.0   | 65.1   | 64.3   | 62.1   | 60.6   | 62.1   | 60.6   | 59.9   | 59.9   | 60.6   | 60.6   |
| 80°    | 50.3   | 48.8   | 46.6   | 46.6   | 46.6   | 45.9   | 45.9   | 45.9   | 45.1   | 44.4   | 45.1   |
| 82.5°  | 33.3   | 33.3   | 32.5   | 31.8   | 32.5   | 31.1   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   |
| 85°    | 21.4   | 20.7   | 20.7   | 20.0   | 20.0   | 20.0   | 20.7   | 19.2   | 19.2   | 20.0   | 20.0   |
| 87.5°  | 9.6    | 9.6    | 9.6    | 10.4   | 9.6    | 9.6    | 9.6    | 10.4   | 9.6    | 9.6    | 9.6    |
| 90°    | 30.3   | 31.9   | 33.5   | 35.1   | 35.9   | 36.2   | 36.8   | 37.5   | 38.1   | 38.7   | 38.1   |
| 92.5°  | 35.0   | 35.7   | 36.3   | 37.0   | 37.3   | 37.5   | 37.8   | 38.1   | 38.4   | 38.7   | 38.4   |
| 95°    | 57.6   | 59.2   | 60.7   | 62.3   | 63.1   | 62.9   | 62.6   | 62.3   | 62.0   | 61.7   | 62.0   |
| 97.5°  | 74.2   | 75.1   | 76.1   | 77.0   | 77.5   | 77.7   | 78.0   | 78.3   | 78.6   | 78.9   | 78.6   |
| 100°   | 84.4   | 86.9   | 89.5   | 92.0   | 93.3   | 93.6   | 94.2   | 94.9   | 95.5   | 96.1   | 95.5   |
| 102.5° | 88.2   | 91.7   | 95.2   | 98.7   | 100.4  | 100.9  | 101.8  | 102.8  | 103.7  | 104.7  | 103.7  |
| 105°   | 91.0   | 94.5   | 98.0   | 101.5  | 103.3  | 103.9  | 105.2  | 106.5  | 107.8  | 109.1  | 107.8  |
| 107.5° | 93.9   | 97.4   | 100.9  | 104.4  | 106.2  | 106.8  | 108.1  | 109.4  | 110.6  | 111.9  | 110.6  |
| 110°   | 219.2  | 187.3  | 155.4  | 123.5  | 107.6  | 108.2  | 109.5  | 110.8  | 112.1  | 113.4  | 112.1  |



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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 591.5  | 454.1  | 316.6  | 179.2  | 110.5  | 111.0  | 111.9  | 112.9  | 113.8  | 114.8  | 113.8  |
| 115°   | 737.7  | 590.1  | 442.4  | 294.8  | 221.0  | 209.5  | 186.6  | 163.6  | 140.7  | 117.7  | 140.7  |
| 117.5° | 917.2  | 871.6  | 826.0  | 780.4  | 757.6  | 715.8  | 632.3  | 548.8  | 465.2  | 381.7  | 465.2  |
| 120°   | 1055.6 | 1059.4 | 1063.3 | 1067.1 | 1069.0 | 1047.5 | 1004.4 | 961.4  | 918.3  | 875.3  | 918.3  |
| 122.5° | 1138.3 | 1140.2 | 1142.1 | 1144.0 | 1145.0 | 1145.2 | 1145.5 | 1145.8 | 1146.2 | 1146.5 | 1146.2 |
| 125°   | 1214.7 | 1216.9 | 1219.2 | 1221.4 | 1222.5 | 1223.0 | 1223.9 | 1224.9 | 1225.8 | 1226.8 | 1225.8 |
| 127.5° | 1286.0 | 1289.2 | 1292.3 | 1295.5 | 1297.1 | 1297.3 | 1297.6 | 1297.9 | 1298.3 | 1298.6 | 1298.3 |
| 130°   | 1353.7 | 1357.2 | 1360.7 | 1364.2 | 1366.0 | 1365.8 | 1365.5 | 1365.2 | 1364.9 | 1364.6 | 1364.9 |
| 132.5° | 1420.6 | 1423.4 | 1426.3 | 1429.2 | 1430.6 | 1430.4 | 1430.1 | 1429.8 | 1429.4 | 1429.1 | 1429.4 |
| 135°   | 1482.6 | 1485.8 | 1488.9 | 1492.1 | 1493.7 | 1493.4 | 1492.7 | 1492.1 | 1491.4 | 1490.8 | 1491.4 |
| 137.5° | 1541.4 | 1544.6 | 1547.8 | 1551.0 | 1552.6 | 1552.1 | 1551.1 | 1550.2 | 1549.2 | 1548.2 | 1549.2 |
| 140°   | 1598.5 | 1601.3 | 1604.2 | 1607.1 | 1608.5 | 1607.7 | 1606.1 | 1604.5 | 1602.9 | 1601.3 | 1602.9 |
| 142.5° | 1651.3 | 1653.8 | 1656.4 | 1658.9 | 1660.2 | 1659.4 | 1657.8 | 1656.2 | 1654.6 | 1653.0 | 1654.6 |
| 145°   | 1699.7 | 1701.9 | 1704.2 | 1706.4 | 1707.5 | 1706.7 | 1705.1 | 1703.5 | 1701.9 | 1700.3 | 1701.9 |
| 147.5° | 1743.6 | 1745.2 | 1746.7 | 1748.3 | 1749.1 | 1748.5 | 1747.2 | 1745.9 | 1744.7 | 1743.4 | 1744.7 |
| 150°   | 1782.6 | 1784.5 | 1786.4 | 1788.3 | 1789.3 | 1788.5 | 1786.9 | 1785.3 | 1783.7 | 1782.1 | 1783.7 |
| 152.5° | 1818.5 | 1820.4 | 1822.3 | 1824.2 | 1825.2 | 1824.1 | 1821.8 | 1819.6 | 1817.3 | 1815.1 | 1817.3 |
| 155°   | 1850.0 | 1851.9 | 1853.8 | 1855.7 | 1856.7 | 1855.4 | 1852.9 | 1850.4 | 1847.8 | 1845.3 | 1847.8 |
| 157.5° | 1877.6 | 1879.8 | 1882.1 | 1884.3 | 1885.4 | 1884.1 | 1881.6 | 1879.1 | 1876.5 | 1874.0 | 1876.5 |
| 160°   | 1901.7 | 1903.6 | 1905.5 | 1907.4 | 1908.4 | 1907.3 | 1905.1 | 1902.8 | 1900.6 | 1898.4 | 1900.6 |
| 162.5° | 1923.5 | 1925.8 | 1928.0 | 1930.3 | 1931.4 | 1930.0 | 1927.1 | 1924.2 | 1921.3 | 1918.4 | 1921.3 |
| 165°   | 1940.7 | 1943.0 | 1945.2 | 1947.5 | 1948.6 | 1947.5 | 1945.2 | 1943.0 | 1940.7 | 1938.5 | 1940.7 |
| 167.5° | 1956.5 | 1958.8 | 1961.0 | 1963.3 | 1964.4 | 1963.0 | 1960.1 | 1957.2 | 1954.3 | 1951.4 | 1954.3 |
| 170°   | 1968.0 | 1970.2 | 1972.5 | 1974.7 | 1975.8 | 1974.4 | 1971.5 | 1968.6 | 1965.8 | 1962.9 | 1965.8 |
| 172.5° | 1976.6 | 1978.9 | 1981.1 | 1983.4 | 1984.5 | 1983.1 | 1980.2 | 1977.3 | 1974.4 | 1971.5 | 1974.4 |
| 175°   | 1982.3 | 1984.6 | 1986.8 | 1989.1 | 1990.2 | 1988.6 | 1985.4 | 1982.2 | 1979.0 | 1975.8 | 1979.0 |
| 177.5° | 1983.8 | 1986.0 | 1988.3 | 1990.5 | 1991.6 | 1990.2 | 1987.3 | 1984.4 | 1981.6 | 1978.7 | 1981.6 |
| 180°   | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  |
| 2.5°   | 1019.9 | 1014.8 | 1010.3 | 1011.1 | 1014.8 | 1011.8 | 1004.4 | 994.8  | 991.1  | 986.6  | 991.1  |
| 5°     | 1081.3 | 1076.9 | 1068.0 | 1068.7 | 1066.5 | 1063.6 | 1051.7 | 1036.9 | 1036.9 | 1025.1 | 1023.6 |
| 7.5°   | 1142.0 | 1135.3 | 1129.4 | 1127.9 | 1119.8 | 1113.9 | 1103.5 | 1082.8 | 1074.7 | 1060.6 | 1052.5 |
| 10°    | 1210.0 | 1204.8 | 1198.2 | 1190.0 | 1185.6 | 1175.3 | 1158.2 | 1127.9 | 1113.1 | 1093.9 | 1079.8 |
| 12.5°  | 1278.8 | 1278.1 | 1263.3 | 1247.0 | 1246.3 | 1230.0 | 1218.2 | 1177.5 | 1157.5 | 1131.6 | 1098.3 |
| 15°    | 1322.4 | 1318.7 | 1310.6 | 1302.5 | 1304.7 | 1286.9 | 1260.3 | 1212.2 | 1198.9 | 1167.9 | 1132.4 |
| 17.5°  | 1321.7 | 1321.7 | 1319.5 | 1318.0 | 1315.8 | 1310.6 | 1295.8 | 1264.0 | 1242.6 | 1203.4 | 1170.1 |
| 20°    | 1279.5 | 1289.2 | 1291.4 | 1290.6 | 1298.0 | 1301.7 | 1301.0 | 1281.0 | 1264.0 | 1229.2 | 1195.2 |
| 22.5°  | 1195.2 | 1217.4 | 1227.0 | 1232.9 | 1248.5 | 1256.6 | 1275.8 | 1268.4 | 1264.0 | 1238.1 | 1209.3 |
| 25°    | 1116.8 | 1124.2 | 1153.1 | 1154.5 | 1176.0 | 1196.0 | 1215.2 | 1227.8 | 1244.0 | 1234.4 | 1210.0 |
| 27.5°  | 1015.5 | 1032.5 | 1053.2 | 1068.7 | 1073.2 | 1113.9 | 1145.7 | 1169.3 | 1206.3 | 1209.3 | 1201.1 |
| 30°    | 900.9  | 909.0  | 943.0  | 963.7  | 987.4  | 1017.0 | 1062.8 | 1103.5 | 1136.8 | 1167.1 | 1177.5 |
| 32.5°  | 761.1  | 794.3  | 814.3  | 839.5  | 860.2  | 912.7  | 968.9  | 1021.4 | 1059.9 | 1110.9 | 1133.1 |
| 35°    | 633.1  | 659.0  | 693.0  | 703.4  | 741.1  | 785.5  | 858.7  | 926.0  | 984.4  | 1036.2 | 1081.3 |
| 37.5°  | 527.3  | 548.1  | 584.3  | 600.6  | 622.8  | 679.7  | 741.1  | 824.7  | 894.9  | 958.5  | 1014.8 |
| 40°    | 454.9  | 470.4  | 497.8  | 502.9  | 521.4  | 573.2  | 622.8  | 701.2  | 794.3  | 880.1  | 941.5  |
| 42.5°  | 405.3  | 412.7  | 431.2  | 437.9  | 449.7  | 484.4  | 528.8  | 602.8  | 689.3  | 778.1  | 864.6  |
| 45°    | 369.8  | 375.0  | 386.1  | 392.0  | 406.8  | 422.3  | 458.6  | 517.7  | 585.8  | 675.3  | 768.5  |
| 47.5°  | 338.0  | 344.7  | 349.1  | 352.8  | 360.9  | 377.9  | 401.6  | 445.2  | 510.3  | 592.4  | 682.7  |
| 50°    | 311.4  | 313.6  | 321.7  | 322.5  | 327.7  | 338.7  | 360.9  | 387.6  | 439.3  | 505.9  | 593.2  |
| 52.5°  | 284.8  | 287.0  | 292.1  | 297.3  | 299.5  | 308.4  | 323.2  | 345.4  | 383.9  | 436.4  | 514.0  |
| 55°    | 258.1  | 261.1  | 266.3  | 270.0  | 272.2  | 279.6  | 288.5  | 309.9  | 340.2  | 377.2  | 440.8  |
| 57.5°  | 231.5  | 238.2  | 239.6  | 241.9  | 245.6  | 253.7  | 261.8  | 274.4  | 298.1  | 332.1  | 378.7  |
| 60°    | 206.4  | 208.6  | 213.7  | 216.0  | 219.7  | 224.1  | 234.5  | 244.1  | 261.1  | 287.7  | 329.9  |
| 62.5°  | 180.5  | 185.6  | 187.9  | 190.1  | 193.0  | 198.2  | 204.9  | 215.2  | 230.0  | 251.5  | 284.8  |
| 65°    | 158.3  | 159.0  | 163.5  | 166.4  | 169.4  | 173.1  | 179.7  | 189.3  | 198.2  | 218.2  | 242.6  |
| 67.5°  | 136.8  | 138.3  | 139.8  | 142.7  | 146.4  | 150.1  | 156.1  | 161.2  | 172.3  | 185.6  | 204.9  |
| 70°    | 116.1  | 116.1  | 119.8  | 122.0  | 121.3  | 125.7  | 130.2  | 136.1  | 144.2  | 156.8  | 172.3  |
| 72.5°  | 97.6   | 96.9   | 99.8   | 100.6  | 102.1  | 105.0  | 108.0  | 113.9  | 118.3  | 128.0  | 139.8  |
| 75°    | 77.7   | 79.1   | 80.6   | 80.6   | 82.8   | 85.1   | 88.0   | 91.0   | 96.2   | 102.1  | 110.9  |
| 77.5°  | 61.4   | 61.4   | 62.9   | 63.6   | 65.8   | 65.1   | 68.0   | 71.0   | 74.7   | 79.9   | 86.5   |
| 80°    | 45.1   | 46.6   | 46.6   | 46.6   | 47.3   | 48.1   | 51.0   | 53.3   | 55.5   | 59.2   | 62.1   |
| 82.5°  | 31.8   | 31.8   | 33.3   | 33.3   | 33.3   | 34.8   | 34.8   | 35.5   | 37.0   | 39.2   | 41.4   |
| 85°    | 20.0   | 20.0   | 20.0   | 20.7   | 20.0   | 20.7   | 22.2   | 21.4   | 22.2   | 23.7   | 23.7   |
| 87.5°  | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 10.4   | 9.6    | 10.4   | 11.1   | 11.1   | 11.1   |
| 90°    | 37.5   | 36.8   | 36.2   | 35.9   | 35.1   | 33.5   | 31.9   | 30.3   | 28.7   | 26.1   | 23.6   |
| 92.5°  | 38.1   | 37.8   | 37.5   | 37.3   | 37.0   | 36.3   | 35.7   | 35.0   | 34.4   | 33.4   | 32.5   |
| 95°    | 62.3   | 62.6   | 62.9   | 63.1   | 62.3   | 60.7   | 59.2   | 57.6   | 56.0   | 53.8   | 51.5   |
| 97.5°  | 78.3   | 78.0   | 77.7   | 77.5   | 77.0   | 76.1   | 75.1   | 74.2   | 73.2   | 68.1   | 63.0   |
| 100°   | 94.9   | 94.2   | 93.6   | 93.3   | 92.0   | 89.5   | 86.9   | 84.4   | 81.8   | 76.4   | 71.0   |
| 102.5° | 102.8  | 101.8  | 100.9  | 100.4  | 98.7   | 95.2   | 91.7   | 88.2   | 84.7   | 142.7  | 200.7  |
| 105°   | 106.5  | 105.2  | 103.9  | 103.3  | 101.5  | 98.0   | 94.5   | 91.0   | 87.5   | 174.6  | 261.6  |
| 107.5° | 109.4  | 108.1  | 106.8  | 106.2  | 104.4  | 100.9  | 97.4   | 93.9   | 90.4   | 197.9  | 305.3  |
| 110°   | 110.8  | 109.5  | 108.2  | 107.6  | 123.5  | 155.4  | 187.3  | 219.2  | 251.1  | 343.3  | 435.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 112.9  | 111.9  | 111.0  | 110.5  | 179.2  | 316.6  | 454.1  | 591.5  | 728.9  | 734.3  | 739.7  |
| 115°   | 163.6  | 186.6  | 209.5  | 221.0  | 294.8  | 442.4  | 590.1  | 737.7  | 885.3  | 877.3  | 869.4  |
| 117.5° | 548.8  | 632.3  | 715.8  | 757.6  | 780.4  | 826.0  | 871.6  | 917.2  | 962.8  | 957.4  | 952.0  |
| 120°   | 961.4  | 1004.4 | 1047.5 | 1069.0 | 1067.1 | 1063.3 | 1059.4 | 1055.6 | 1051.8 | 1046.0 | 1040.3 |
| 122.5° | 1145.8 | 1145.5 | 1145.2 | 1145.0 | 1144.0 | 1142.1 | 1140.2 | 1138.3 | 1136.4 | 1130.0 | 1123.6 |
| 125°   | 1224.9 | 1223.9 | 1223.0 | 1222.5 | 1221.4 | 1219.2 | 1216.9 | 1214.7 | 1212.5 | 1206.4 | 1200.4 |
| 127.5° | 1297.9 | 1297.6 | 1297.3 | 1297.1 | 1295.5 | 1292.3 | 1289.2 | 1286.0 | 1282.8 | 1278.0 | 1273.2 |
| 130°   | 1365.2 | 1365.5 | 1365.8 | 1366.0 | 1364.2 | 1360.7 | 1357.2 | 1353.7 | 1350.2 | 1346.7 | 1343.2 |
| 132.5° | 1429.8 | 1430.1 | 1430.4 | 1430.6 | 1429.2 | 1426.3 | 1423.4 | 1420.6 | 1417.7 | 1414.2 | 1410.7 |
| 135°   | 1492.1 | 1492.7 | 1493.4 | 1493.7 | 1492.1 | 1488.9 | 1485.8 | 1482.6 | 1479.4 | 1476.5 | 1473.7 |
| 137.5° | 1550.2 | 1551.1 | 1552.1 | 1552.6 | 1551.0 | 1547.8 | 1544.6 | 1541.4 | 1538.2 | 1535.0 | 1531.8 |
| 140°   | 1604.5 | 1606.1 | 1607.7 | 1608.5 | 1607.1 | 1604.2 | 1601.3 | 1598.5 | 1595.6 | 1592.1 | 1588.6 |
| 142.5° | 1656.2 | 1657.8 | 1659.4 | 1660.2 | 1658.9 | 1656.4 | 1653.8 | 1651.3 | 1648.7 | 1644.5 | 1640.4 |
| 145°   | 1703.5 | 1705.1 | 1706.7 | 1707.5 | 1706.4 | 1704.2 | 1701.9 | 1699.7 | 1697.5 | 1692.1 | 1686.7 |
| 147.5° | 1745.9 | 1747.2 | 1748.5 | 1749.1 | 1748.3 | 1746.7 | 1745.2 | 1743.6 | 1742.0 | 1736.6 | 1731.2 |
| 150°   | 1785.3 | 1786.9 | 1788.5 | 1789.3 | 1788.3 | 1786.4 | 1784.5 | 1782.6 | 1780.7 | 1775.6 | 1770.5 |
| 152.5° | 1819.6 | 1821.8 | 1824.1 | 1825.2 | 1824.2 | 1822.3 | 1820.4 | 1818.5 | 1816.6 | 1811.8 | 1807.0 |
| 155°   | 1850.4 | 1852.9 | 1855.4 | 1856.7 | 1855.7 | 1853.8 | 1851.9 | 1850.0 | 1848.1 | 1844.3 | 1840.5 |
| 157.5° | 1879.1 | 1881.6 | 1884.1 | 1885.4 | 1884.3 | 1882.1 | 1879.8 | 1877.6 | 1875.4 | 1872.5 | 1869.7 |
| 160°   | 1902.8 | 1905.1 | 1907.3 | 1908.4 | 1907.4 | 1905.5 | 1903.6 | 1901.7 | 1899.8 | 1897.9 | 1896.0 |
| 162.5° | 1924.2 | 1927.1 | 1930.0 | 1931.4 | 1930.3 | 1928.0 | 1925.8 | 1923.5 | 1921.3 | 1919.7 | 1918.1 |
| 165°   | 1943.0 | 1945.2 | 1947.5 | 1948.6 | 1947.5 | 1945.2 | 1943.0 | 1940.7 | 1938.5 | 1937.5 | 1936.6 |
| 167.5° | 1957.2 | 1960.1 | 1963.0 | 1964.4 | 1963.3 | 1961.0 | 1958.8 | 1956.5 | 1954.3 | 1953.3 | 1952.4 |
| 170°   | 1968.6 | 1971.5 | 1974.4 | 1975.8 | 1974.7 | 1972.5 | 1970.2 | 1968.0 | 1965.8 | 1965.2 | 1964.5 |
| 172.5° | 1977.3 | 1980.2 | 1983.1 | 1984.5 | 1983.4 | 1981.1 | 1978.9 | 1976.6 | 1974.4 | 1973.8 | 1973.1 |
| 175°   | 1982.2 | 1985.4 | 1988.6 | 1990.2 | 1989.1 | 1986.8 | 1984.6 | 1982.3 | 1980.1 | 1979.5 | 1978.9 |
| 177.5° | 1984.4 | 1987.3 | 1990.2 | 1991.6 | 1990.5 | 1988.3 | 1986.0 | 1983.8 | 1981.6 | 1981.3 | 1980.9 |
| 180°   | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0°     | 962.2  | 962.2  | 962.2  | 962.2  | 962.2  | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 |
| 2.5°   | 987.4  | 983.7  | 981.5  | 983.0  | 978.5  | 967.4 | 967.4 | 971.1 | 966.7 | 962.2 | 955.6 |
| 5°     | 1014.8 | 1007.4 | 1002.9 | 1002.2 | 991.8  | 974.1 | 970.4 | 966.7 | 957.1 | 946.7 | 935.6 |
| 7.5°   | 1041.4 | 1028.1 | 1020.7 | 1015.5 | 1000.7 | 977.8 | 968.2 | 960.0 | 944.5 | 929.0 | 914.9 |
| 10°    | 1063.6 | 1044.3 | 1035.5 | 1027.3 | 1008.1 | 979.3 | 963.7 | 948.9 | 929.0 | 909.0 | 891.2 |
| 12.5°  | 1081.3 | 1059.1 | 1048.0 | 1036.2 | 1012.5 | 974.8 | 955.6 | 931.9 | 911.9 | 885.3 | 867.6 |
| 15°    | 1110.9 | 1065.0 | 1054.7 | 1043.6 | 1019.2 | 967.4 | 943.8 | 917.1 | 889.8 | 854.3 | 835.0 |
| 17.5°  | 1134.6 | 1073.2 | 1072.4 | 1048.8 | 1017.0 | 964.5 | 928.2 | 893.5 | 863.9 | 828.4 | 798.0 |
| 20°    | 1148.6 | 1085.8 | 1073.9 | 1049.5 | 1009.6 | 944.5 | 906.8 | 868.3 | 836.5 | 793.6 | 763.3 |
| 22.5°  | 1160.5 | 1103.5 | 1072.4 | 1042.9 | 994.0  | 937.8 | 882.4 | 846.1 | 802.5 | 755.9 | 727.0 |
| 25°    | 1164.9 | 1107.2 | 1074.7 | 1040.6 | 983.0  | 918.6 | 855.7 | 816.5 | 767.7 | 725.6 | 686.4 |
| 27.5°  | 1165.6 | 1106.5 | 1066.5 | 1031.0 | 967.4  | 893.5 | 829.1 | 787.7 | 733.7 | 684.9 | 645.7 |
| 30°    | 1158.2 | 1098.3 | 1062.1 | 1023.6 | 952.6  | 870.5 | 796.6 | 750.7 | 693.0 | 644.2 | 603.5 |
| 32.5°  | 1136.1 | 1082.1 | 1052.5 | 1010.3 | 933.4  | 838.7 | 765.5 | 714.5 | 653.8 | 605.7 | 566.5 |
| 35°    | 1099.1 | 1062.1 | 1029.5 | 990.3  | 908.3  | 809.1 | 734.4 | 674.5 | 613.1 | 567.3 | 530.3 |
| 37.5°  | 1053.2 | 1033.2 | 1002.9 | 964.5  | 879.4  | 782.5 | 699.7 | 633.1 | 571.7 | 527.3 | 491.1 |
| 40°    | 991.1  | 996.3  | 966.7  | 931.9  | 845.4  | 746.3 | 654.6 | 591.0 | 533.3 | 491.8 | 456.3 |
| 42.5°  | 923.8  | 945.2  | 928.2  | 894.9  | 807.7  | 706.3 | 621.3 | 551.0 | 494.8 | 451.9 | 422.3 |
| 45°    | 851.3  | 888.3  | 877.9  | 853.5  | 768.5  | 664.2 | 573.9 | 505.9 | 456.3 | 414.9 | 389.0 |
| 47.5°  | 772.2  | 824.7  | 824.7  | 806.9  | 724.8  | 622.0 | 533.3 | 463.7 | 414.9 | 385.3 | 360.2 |
| 50°    | 691.5  | 750.7  | 760.3  | 748.5  | 676.0  | 573.9 | 483.7 | 420.8 | 378.7 | 349.8 | 331.3 |
| 52.5°  | 607.2  | 676.0  | 693.8  | 687.8  | 624.2  | 528.1 | 443.0 | 381.6 | 343.2 | 318.0 | 301.8 |
| 55°    | 526.6  | 606.5  | 625.7  | 627.9  | 568.8  | 477.8 | 397.9 | 343.9 | 306.9 | 289.9 | 275.9 |
| 57.5°  | 450.4  | 527.3  | 548.8  | 552.5  | 512.6  | 431.9 | 355.8 | 308.4 | 275.1 | 261.1 | 250.0 |
| 60°    | 385.3  | 449.7  | 477.8  | 485.9  | 451.2  | 378.7 | 316.6 | 270.7 | 245.6 | 232.2 | 221.9 |
| 62.5°  | 332.1  | 383.9  | 413.4  | 415.7  | 400.1  | 332.1 | 275.9 | 237.4 | 216.0 | 204.1 | 199.0 |
| 65°    | 280.3  | 326.9  | 344.7  | 353.5  | 341.0  | 287.7 | 238.2 | 206.4 | 189.3 | 179.0 | 173.8 |
| 67.5°  | 238.9  | 268.5  | 283.3  | 295.1  | 282.5  | 242.6 | 202.7 | 176.8 | 164.2 | 153.8 | 150.9 |
| 70°    | 196.0  | 220.4  | 231.5  | 243.3  | 232.2  | 201.9 | 173.1 | 149.4 | 138.3 | 130.2 | 126.5 |
| 72.5°  | 156.8  | 176.0  | 186.4  | 193.8  | 187.1  | 162.0 | 138.3 | 122.0 | 113.9 | 108.0 | 105.8 |
| 75°    | 124.3  | 137.6  | 143.5  | 148.7  | 145.7  | 126.5 | 111.7 | 98.4  | 91.0  | 85.8  | 84.3  |
| 77.5°  | 94.7   | 104.3  | 110.9  | 112.4  | 108.7  | 96.2  | 83.6  | 75.4  | 69.5  | 66.6  | 65.1  |
| 80°    | 67.3   | 73.2   | 76.9   | 79.1   | 75.4   | 70.3  | 61.4  | 55.5  | 50.3  | 46.6  | 45.9  |
| 82.5°  | 45.1   | 48.1   | 51.0   | 50.3   | 48.8   | 44.4  | 39.2  | 36.2  | 34.0  | 31.1  | 31.1  |
| 85°    | 25.9   | 26.6   | 28.1   | 28.8   | 28.1   | 25.1  | 22.2  | 20.7  | 19.2  | 17.0  | 17.0  |
| 87.5°  | 11.1   | 11.8   | 11.8   | 12.6   | 11.1   | 11.1  | 9.6   | 8.1   | 8.1   | 7.4   | 6.7   |
| 90°    | 21.0   | 18.5   | 17.2   | 15.4   | 11.9   | 8.4   | 4.9   | 1.4   | 4.9   | 8.4   | 11.9  |
| 92.5°  | 31.5   | 30.6   | 30.1   | 30.7   | 32.0   | 33.3  | 34.6  | 35.9  | 34.6  | 33.3  | 32.0  |
| 95°    | 49.3   | 47.0   | 45.9   | 51.2   | 61.7   | 72.2  | 82.8  | 93.3  | 82.8  | 72.2  | 61.7  |
| 97.5°  | 57.9   | 52.8   | 50.2   | 63.3   | 89.4   | 115.6 | 141.7 | 167.9 | 141.7 | 115.6 | 89.4  |
| 100°   | 65.5   | 60.1   | 57.4   | 79.2   | 122.9  | 166.6 | 210.3 | 254.0 | 210.3 | 166.6 | 122.9 |
| 102.5° | 258.8  | 316.8  | 345.8  | 346.1  | 346.8  | 347.4 | 348.1 | 348.7 | 348.1 | 347.4 | 346.8 |
| 105°   | 348.7  | 435.8  | 479.3  | 474.5  | 464.9  | 455.4 | 445.8 | 436.2 | 445.8 | 455.4 | 464.9 |
| 107.5° | 412.8  | 520.3  | 574.0  | 570.0  | 562.0  | 554.1 | 546.1 | 538.1 | 546.1 | 554.1 | 562.0 |
| 110°   | 527.6  | 619.7  | 665.8  | 662.5  | 655.8  | 649.1 | 642.4 | 635.7 | 642.4 | 649.1 | 655.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 745.2  | 750.6  | 753.3  | 750.4  | 744.7  | 739.0  | 733.2  | 727.5  | 733.2  | 739.0  | 744.7  |
| 115°   | 861.4  | 853.5  | 849.5  | 846.8  | 841.4  | 835.9  | 830.5  | 825.1  | 830.5  | 835.9  | 841.4  |
| 117.5° | 946.5  | 941.1  | 938.4  | 935.2  | 928.8  | 922.5  | 916.1  | 909.7  | 916.1  | 922.5  | 928.8  |
| 120°   | 1034.5 | 1028.8 | 1025.9 | 1023.5 | 1018.7 | 1014.0 | 1009.2 | 1004.4 | 1009.2 | 1014.0 | 1018.7 |
| 122.5° | 1117.3 | 1110.9 | 1107.7 | 1105.2 | 1100.1 | 1095.0 | 1089.9 | 1084.8 | 1089.9 | 1095.0 | 1100.1 |
| 125°   | 1194.3 | 1188.2 | 1185.2 | 1183.1 | 1179.0 | 1174.9 | 1170.7 | 1166.6 | 1170.7 | 1174.9 | 1179.0 |
| 127.5° | 1268.5 | 1263.7 | 1261.3 | 1259.1 | 1254.6 | 1250.1 | 1245.7 | 1241.2 | 1245.7 | 1250.1 | 1254.6 |
| 130°   | 1339.7 | 1336.2 | 1334.4 | 1331.9 | 1326.8 | 1321.7 | 1316.6 | 1311.5 | 1316.6 | 1321.7 | 1326.8 |
| 132.5° | 1407.2 | 1403.7 | 1401.9 | 1399.8 | 1395.7 | 1391.5 | 1387.4 | 1383.2 | 1387.4 | 1391.5 | 1395.7 |
| 135°   | 1470.8 | 1467.9 | 1466.5 | 1463.9 | 1458.8 | 1453.7 | 1448.6 | 1443.5 | 1448.6 | 1453.7 | 1458.8 |
| 137.5° | 1528.7 | 1525.5 | 1523.9 | 1522.0 | 1518.1 | 1514.3 | 1510.4 | 1506.6 | 1510.4 | 1514.3 | 1518.1 |
| 140°   | 1585.1 | 1581.6 | 1579.8 | 1578.5 | 1576.0 | 1573.4 | 1570.9 | 1568.3 | 1570.9 | 1573.4 | 1576.0 |
| 142.5° | 1636.2 | 1632.1 | 1630.0 | 1628.9 | 1626.7 | 1624.4 | 1622.2 | 1620.0 | 1622.2 | 1624.4 | 1626.7 |
| 145°   | 1681.2 | 1675.8 | 1673.1 | 1673.3 | 1673.6 | 1673.9 | 1674.2 | 1674.5 | 1674.2 | 1673.9 | 1673.6 |
| 147.5° | 1725.7 | 1720.3 | 1717.6 | 1718.1 | 1719.0 | 1720.0 | 1720.9 | 1721.9 | 1720.9 | 1720.0 | 1719.0 |
| 150°   | 1765.4 | 1760.3 | 1757.7 | 1758.8 | 1761.1 | 1763.3 | 1765.6 | 1767.8 | 1765.6 | 1763.3 | 1761.1 |
| 152.5° | 1802.2 | 1797.4 | 1795.0 | 1796.3 | 1798.8 | 1801.4 | 1803.9 | 1806.5 | 1803.9 | 1801.4 | 1798.8 |
| 155°   | 1836.6 | 1832.8 | 1830.9 | 1832.3 | 1835.2 | 1838.1 | 1840.9 | 1843.8 | 1840.9 | 1838.1 | 1835.2 |
| 157.5° | 1866.8 | 1863.9 | 1862.5 | 1863.8 | 1866.3 | 1868.9 | 1871.4 | 1874.0 | 1871.4 | 1868.9 | 1866.3 |
| 160°   | 1894.1 | 1892.2 | 1891.2 | 1892.2 | 1894.1 | 1896.0 | 1897.9 | 1899.8 | 1897.9 | 1896.0 | 1894.1 |
| 162.5° | 1916.5 | 1914.9 | 1914.1 | 1915.1 | 1917.0 | 1918.9 | 1920.9 | 1922.8 | 1920.9 | 1918.9 | 1917.0 |
| 165°   | 1935.6 | 1934.7 | 1934.2 | 1935.2 | 1937.1 | 1939.0 | 1940.9 | 1942.8 | 1940.9 | 1939.0 | 1937.1 |
| 167.5° | 1951.4 | 1950.5 | 1950.0 | 1951.0 | 1952.9 | 1954.8 | 1956.7 | 1958.6 | 1956.7 | 1954.8 | 1952.9 |
| 170°   | 1963.9 | 1963.2 | 1962.9 | 1963.9 | 1965.8 | 1967.7 | 1969.6 | 1971.5 | 1969.6 | 1967.7 | 1965.8 |
| 172.5° | 1972.5 | 1971.8 | 1971.5 | 1972.5 | 1974.4 | 1976.3 | 1978.2 | 1980.1 | 1978.2 | 1976.3 | 1974.4 |
| 175°   | 1978.2 | 1977.6 | 1977.3 | 1978.4 | 1980.6 | 1982.9 | 1985.1 | 1987.3 | 1985.1 | 1982.9 | 1980.6 |
| 177.5° | 1980.6 | 1980.3 | 1980.1 | 1981.2 | 1983.5 | 1985.7 | 1988.0 | 1990.2 | 1988.0 | 1985.7 | 1983.5 |
| 180°   | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 962.2 | 962.2  | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 |
| 2.5°   | 951.9 | 955.6  | 954.8 | 947.5 | 939.3 | 932.7 | 920.1 | 921.6 | 917.1 | 917.9 | 922.3 |
| 5°     | 928.2 | 928.2  | 925.3 | 914.9 | 901.6 | 894.2 | 880.1 | 876.4 | 867.6 | 866.8 | 866.1 |
| 7.5°   | 903.1 | 899.4  | 895.7 | 880.9 | 864.6 | 852.8 | 833.5 | 829.1 | 820.2 | 814.3 | 811.4 |
| 10°    | 873.5 | 868.3  | 860.9 | 843.9 | 823.9 | 809.1 | 789.2 | 783.3 | 766.2 | 758.8 | 754.4 |
| 12.5°  | 840.9 | 838.0  | 826.2 | 812.1 | 779.6 | 763.3 | 734.4 | 740.4 | 723.3 | 708.6 | 706.3 |
| 15°    | 808.4 | 797.3  | 790.7 | 767.7 | 728.5 | 721.1 | 698.2 | 686.4 | 670.8 | 659.0 | 659.0 |
| 17.5°  | 776.6 | 759.6  | 744.8 | 720.4 | 691.5 | 670.8 | 653.8 | 647.9 | 628.7 | 616.8 | 614.6 |
| 20°    | 734.4 | 715.2  | 711.5 | 676.8 | 656.8 | 633.9 | 617.6 | 602.8 | 588.7 | 583.6 | 579.9 |
| 22.5°  | 694.5 | 672.3  | 666.4 | 636.8 | 616.8 | 593.9 | 577.6 | 567.3 | 556.9 | 553.2 | 546.6 |
| 25°    | 651.6 | 638.3  | 629.4 | 597.6 | 575.4 | 554.0 | 542.9 | 535.5 | 525.9 | 525.1 | 520.7 |
| 27.5°  | 610.2 | 597.6  | 588.7 | 558.4 | 542.1 | 522.2 | 513.3 | 505.2 | 500.0 | 497.8 | 495.5 |
| 30°    | 574.7 | 560.6  | 550.3 | 528.1 | 508.1 | 491.8 | 484.4 | 479.3 | 476.3 | 472.6 | 471.9 |
| 32.5°  | 535.5 | 527.3  | 513.3 | 496.3 | 480.8 | 465.2 | 460.8 | 457.1 | 452.6 | 451.2 | 450.4 |
| 35°    | 502.2 | 491.1  | 482.2 | 463.0 | 456.3 | 443.0 | 437.9 | 434.9 | 429.0 | 427.5 | 426.0 |
| 37.5°  | 469.7 | 459.3  | 449.7 | 437.9 | 425.3 | 417.9 | 414.9 | 410.5 | 407.5 | 408.3 | 406.8 |
| 40°    | 437.1 | 429.0  | 421.6 | 409.0 | 401.6 | 397.9 | 392.0 | 387.6 | 386.1 | 386.8 | 386.1 |
| 42.5°  | 405.3 | 397.9  | 393.5 | 383.9 | 376.5 | 372.8 | 369.1 | 364.6 | 366.9 | 366.9 | 369.1 |
| 45°    | 376.5 | 369.8  | 366.9 | 359.5 | 355.0 | 349.1 | 345.4 | 344.7 | 347.6 | 346.9 | 346.9 |
| 47.5°  | 346.9 | 344.7  | 341.0 | 334.3 | 328.4 | 324.7 | 324.0 | 324.0 | 326.9 | 328.4 | 327.7 |
| 50°    | 324.0 | 319.5  | 315.1 | 309.9 | 305.5 | 304.0 | 301.8 | 303.2 | 306.2 | 306.2 | 307.7 |
| 52.5°  | 295.1 | 292.1  | 290.7 | 286.2 | 283.3 | 283.3 | 283.3 | 284.0 | 286.2 | 288.5 | 287.7 |
| 55°    | 270.0 | 267.7  | 266.3 | 264.0 | 260.3 | 261.1 | 260.3 | 261.8 | 264.0 | 266.3 | 267.7 |
| 57.5°  | 243.3 | 242.6  | 241.1 | 237.4 | 237.4 | 236.7 | 238.9 | 239.6 | 243.3 | 244.8 | 247.0 |
| 60°    | 219.7 | 217.4  | 217.4 | 214.5 | 214.5 | 214.5 | 216.7 | 218.9 | 221.9 | 222.6 | 224.1 |
| 62.5°  | 194.5 | 194.5  | 193.8 | 191.6 | 191.6 | 193.8 | 194.5 | 197.5 | 199.0 | 199.0 | 201.2 |
| 65°    | 170.9 | 170.1  | 169.4 | 170.1 | 170.9 | 170.9 | 173.1 | 174.5 | 176.0 | 176.8 | 177.5 |
| 67.5°  | 147.2 | 146.4  | 147.9 | 147.2 | 148.7 | 151.6 | 150.9 | 153.1 | 155.3 | 155.3 | 156.1 |
| 70°    | 125.0 | 126.5  | 125.7 | 127.2 | 126.5 | 128.0 | 130.2 | 130.9 | 130.9 | 131.7 | 133.9 |
| 72.5°  | 104.3 | 104.3  | 104.3 | 103.5 | 104.3 | 105.8 | 107.2 | 108.0 | 109.5 | 110.2 | 112.4 |
| 75°    | 84.3  | 84.3   | 82.8  | 84.3  | 84.3  | 85.8  | 87.3  | 87.3  | 87.3  | 88.8  | 91.0  |
| 77.5°  | 63.6  | 64.3   | 63.6  | 65.1  | 65.1  | 65.8  | 67.3  | 66.6  | 68.0  | 68.8  | 69.5  |
| 80°    | 46.6  | 45.9   | 45.9  | 45.9  | 46.6  | 46.6  | 48.1  | 48.8  | 48.8  | 51.0  | 49.6  |
| 82.5°  | 29.6  | 30.3   | 29.6  | 30.3  | 30.3  | 31.1  | 30.3  | 31.1  | 31.8  | 33.3  | 32.5  |
| 85°    | 17.0  | 16.3   | 16.3  | 17.0  | 16.3  | 16.3  | 17.0  | 16.3  | 17.0  | 16.3  | 17.0  |
| 87.5°  | 6.7   | 5.9    | 5.9   | 5.9   | 5.9   | 5.2   | 5.2   | 4.4   | 4.4   | 4.4   | 3.7   |
| 90°    | 15.4  | 17.2   | 18.5  | 21.0  | 23.6  | 26.1  | 28.7  | 30.3  | 31.9  | 33.5  | 35.1  |
| 92.5°  | 30.7  | 30.1   | 30.6  | 31.5  | 32.5  | 33.4  | 34.4  | 35.0  | 35.7  | 36.3  | 37.0  |
| 95°    | 51.2  | 45.9   | 47.0  | 49.3  | 51.5  | 53.8  | 56.0  | 57.6  | 59.2  | 60.7  | 62.3  |
| 97.5°  | 63.3  | 50.2   | 52.8  | 57.9  | 63.0  | 68.1  | 73.2  | 74.2  | 75.1  | 76.1  | 77.0  |
| 100°   | 79.2  | 57.4   | 60.1  | 65.5  | 71.0  | 76.4  | 81.8  | 84.4  | 86.9  | 89.5  | 92.0  |
| 102.5° | 346.1 | 345.8  | 316.8 | 258.8 | 200.7 | 142.7 | 84.7  | 88.2  | 91.7  | 95.2  | 98.7  |
| 105°   | 474.5 | 479.3  | 435.8 | 348.7 | 261.6 | 174.6 | 87.5  | 91.0  | 94.5  | 98.0  | 101.5 |
| 107.5° | 570.0 | 574.0  | 520.3 | 412.8 | 305.3 | 197.9 | 90.4  | 93.9  | 97.4  | 100.9 | 104.4 |
| 110°   | 662.5 | 665.8  | 619.7 | 527.6 | 435.4 | 343.3 | 251.1 | 219.2 | 187.3 | 155.4 | 123.5 |

TEST NUMBER: P1029486

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A\_4000K

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 750.4  | 753.3  | 750.6  | 745.2  | 739.7  | 734.3  | 728.9  | 591.5  | 454.1  | 316.6  | 179.2  |
| 115°   | 846.8  | 849.5  | 853.5  | 861.4  | 869.4  | 877.3  | 885.3  | 737.7  | 590.1  | 442.4  | 294.8  |
| 117.5° | 935.2  | 938.4  | 941.1  | 946.5  | 952.0  | 957.4  | 962.8  | 917.2  | 871.6  | 826.0  | 780.4  |
| 120°   | 1023.5 | 1025.9 | 1028.8 | 1034.5 | 1040.3 | 1046.0 | 1051.8 | 1055.6 | 1059.4 | 1063.3 | 1067.1 |
| 122.5° | 1105.2 | 1107.7 | 1110.9 | 1117.3 | 1123.6 | 1130.0 | 1136.4 | 1138.3 | 1140.2 | 1142.1 | 1144.0 |
| 125°   | 1183.1 | 1185.2 | 1188.2 | 1194.3 | 1200.4 | 1206.4 | 1212.5 | 1214.7 | 1216.9 | 1219.2 | 1221.4 |
| 127.5° | 1259.1 | 1261.3 | 1263.7 | 1268.5 | 1273.2 | 1278.0 | 1282.8 | 1286.0 | 1289.2 | 1292.3 | 1295.5 |
| 130°   | 1331.9 | 1334.4 | 1336.2 | 1339.7 | 1343.2 | 1346.7 | 1350.2 | 1353.7 | 1357.2 | 1360.7 | 1364.2 |
| 132.5° | 1399.8 | 1401.9 | 1403.7 | 1407.2 | 1410.7 | 1414.2 | 1417.7 | 1420.6 | 1423.4 | 1426.3 | 1429.2 |
| 135°   | 1463.9 | 1466.5 | 1467.9 | 1470.8 | 1473.7 | 1476.5 | 1479.4 | 1482.6 | 1485.8 | 1488.9 | 1492.1 |
| 137.5° | 1522.0 | 1523.9 | 1525.5 | 1528.7 | 1531.8 | 1535.0 | 1538.2 | 1541.4 | 1544.6 | 1547.8 | 1551.0 |
| 140°   | 1578.5 | 1579.8 | 1581.6 | 1585.1 | 1588.6 | 1592.1 | 1595.6 | 1598.5 | 1601.3 | 1604.2 | 1607.1 |
| 142.5° | 1628.9 | 1630.0 | 1632.1 | 1636.2 | 1640.4 | 1644.5 | 1648.7 | 1651.3 | 1653.8 | 1656.4 | 1658.9 |
| 145°   | 1673.3 | 1673.1 | 1675.8 | 1681.2 | 1686.7 | 1692.1 | 1697.5 | 1699.7 | 1701.9 | 1704.2 | 1706.4 |
| 147.5° | 1718.1 | 1717.6 | 1720.3 | 1725.7 | 1731.2 | 1736.6 | 1742.0 | 1743.6 | 1745.2 | 1746.7 | 1748.3 |
| 150°   | 1758.8 | 1757.7 | 1760.3 | 1765.4 | 1770.5 | 1775.6 | 1780.7 | 1782.6 | 1784.5 | 1786.4 | 1788.3 |
| 152.5° | 1796.3 | 1795.0 | 1797.4 | 1802.2 | 1807.0 | 1811.8 | 1816.6 | 1818.5 | 1820.4 | 1822.3 | 1824.2 |
| 155°   | 1832.3 | 1830.9 | 1832.8 | 1836.6 | 1840.5 | 1844.3 | 1848.1 | 1850.0 | 1851.9 | 1853.8 | 1855.7 |
| 157.5° | 1863.8 | 1862.5 | 1863.9 | 1866.8 | 1869.7 | 1872.5 | 1875.4 | 1877.6 | 1879.8 | 1882.1 | 1884.3 |
| 160°   | 1892.2 | 1891.2 | 1892.2 | 1894.1 | 1896.0 | 1897.9 | 1899.8 | 1901.7 | 1903.6 | 1905.5 | 1907.4 |
| 162.5° | 1915.1 | 1914.1 | 1914.9 | 1916.5 | 1918.1 | 1919.7 | 1921.3 | 1923.5 | 1925.8 | 1928.0 | 1930.3 |
| 165°   | 1935.2 | 1934.2 | 1934.7 | 1935.6 | 1936.6 | 1937.5 | 1938.5 | 1940.7 | 1943.0 | 1945.2 | 1947.5 |
| 167.5° | 1951.0 | 1950.0 | 1950.5 | 1951.4 | 1952.4 | 1953.3 | 1954.3 | 1956.5 | 1958.8 | 1961.0 | 1963.3 |
| 170°   | 1963.9 | 1962.9 | 1963.2 | 1963.9 | 1964.5 | 1965.2 | 1965.8 | 1968.0 | 1970.2 | 1972.5 | 1974.7 |
| 172.5° | 1972.5 | 1971.5 | 1971.8 | 1972.5 | 1973.1 | 1973.8 | 1974.4 | 1976.6 | 1978.9 | 1981.1 | 1983.4 |
| 175°   | 1978.4 | 1977.3 | 1977.6 | 1978.2 | 1978.9 | 1979.5 | 1980.1 | 1982.3 | 1984.6 | 1986.8 | 1989.1 |
| 177.5° | 1981.2 | 1980.1 | 1980.3 | 1980.6 | 1980.9 | 1981.3 | 1981.6 | 1983.8 | 1986.0 | 1988.3 | 1990.5 |
| 180°   | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 962.2  | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2  |
| 2.5°   | 917.1  | 919.3 | 914.2 | 912.7 | 914.2 | 909.0 | 910.5 | 911.9 | 911.9 | 914.2 | 915.6  |
| 5°     | 863.9  | 860.9 | 855.7 | 854.3 | 852.8 | 855.0 | 853.5 | 855.7 | 856.5 | 861.7 | 862.4  |
| 7.5°   | 811.4  | 806.9 | 802.5 | 798.0 | 796.6 | 792.9 | 796.6 | 796.6 | 801.7 | 800.3 | 804.0  |
| 10°    | 749.2  | 748.5 | 742.6 | 740.4 | 737.4 | 731.5 | 739.6 | 737.4 | 741.1 | 747.8 | 749.2  |
| 12.5°  | 703.4  | 695.2 | 698.9 | 688.6 | 692.3 | 686.4 | 687.1 | 687.1 | 693.0 | 693.8 | 692.3  |
| 15°    | 659.7  | 653.1 | 643.5 | 639.0 | 636.8 | 633.9 | 643.5 | 644.2 | 639.8 | 650.1 | 646.4  |
| 17.5°  | 615.4  | 615.4 | 606.5 | 604.3 | 598.4 | 601.3 | 599.8 | 600.6 | 599.1 | 606.5 | 610.2  |
| 20°    | 576.9  | 573.2 | 570.2 | 571.0 | 563.6 | 562.1 | 560.6 | 562.1 | 567.3 | 572.5 | 573.9  |
| 22.5°  | 545.8  | 543.6 | 536.2 | 537.7 | 531.8 | 534.0 | 532.5 | 536.2 | 537.0 | 537.0 | 542.1  |
| 25°    | 516.3  | 513.3 | 514.0 | 511.1 | 508.9 | 508.9 | 506.6 | 508.9 | 511.8 | 513.3 | 514.0  |
| 27.5°  | 494.1  | 491.8 | 488.1 | 485.9 | 487.4 | 483.7 | 486.7 | 488.9 | 488.9 | 487.4 | 488.9  |
| 30°    | 467.4  | 468.9 | 468.9 | 461.5 | 464.5 | 463.0 | 465.2 | 466.7 | 466.7 | 467.4 | 466.0  |
| 32.5°  | 449.7  | 445.2 | 444.5 | 443.8 | 443.8 | 440.8 | 440.8 | 443.0 | 443.8 | 444.5 | 446.7  |
| 35°    | 426.0  | 426.0 | 422.3 | 424.5 | 421.6 | 422.3 | 421.6 | 422.3 | 423.8 | 421.6 | 423.8  |
| 37.5°  | 404.6  | 405.3 | 403.8 | 405.3 | 406.1 | 404.6 | 403.1 | 406.1 | 404.6 | 404.6 | 403.1  |
| 40°    | 386.1  | 385.3 | 386.1 | 386.1 | 386.1 | 386.8 | 385.3 | 385.3 | 385.3 | 383.9 | 382.4  |
| 42.5°  | 370.5  | 366.1 | 367.6 | 368.3 | 366.1 | 366.1 | 366.9 | 366.1 | 368.3 | 363.9 | 363.9  |
| 45°    | 348.4  | 346.9 | 347.6 | 347.6 | 349.1 | 346.9 | 348.4 | 349.1 | 346.9 | 346.1 | 344.7  |
| 47.5°  | 328.4  | 329.9 | 328.4 | 329.9 | 329.9 | 331.3 | 328.4 | 329.1 | 329.9 | 326.9 | 324.7  |
| 50°    | 308.4  | 308.4 | 310.6 | 309.9 | 310.6 | 309.2 | 309.2 | 308.4 | 309.2 | 307.7 | 305.5  |
| 52.5°  | 289.9  | 287.7 | 291.4 | 290.7 | 289.9 | 289.2 | 288.5 | 289.2 | 287.7 | 286.2 | 286.2  |
| 55°    | 267.0  | 267.0 | 269.2 | 270.0 | 270.0 | 268.5 | 267.0 | 267.7 | 267.0 | 266.3 | 265.5  |
| 57.5°  | 248.5  | 245.6 | 247.0 | 247.8 | 247.8 | 245.6 | 247.0 | 245.6 | 245.6 | 246.3 | 244.1  |
| 60°    | 224.8  | 224.8 | 223.4 | 225.6 | 225.6 | 224.1 | 224.1 | 224.8 | 223.4 | 222.6 | 221.9  |
| 62.5°  | 199.7  | 200.4 | 202.7 | 203.4 | 204.1 | 202.7 | 201.2 | 201.9 | 201.9 | 199.7 | 200.4  |
| 65°    | 178.2  | 179.7 | 182.7 | 181.9 | 180.5 | 181.2 | 179.7 | 180.5 | 178.2 | 179.0 | 176.8  |
| 67.5°  | 157.5  | 156.8 | 157.5 | 157.5 | 159.0 | 158.3 | 156.8 | 156.8 | 156.1 | 158.3 | 156.1  |
| 70°    | 135.4  | 135.4 | 135.4 | 135.4 | 136.1 | 136.8 | 135.4 | 133.9 | 134.6 | 133.1 | 132.4  |
| 72.5°  | 112.4  | 113.2 | 112.4 | 113.9 | 111.7 | 113.2 | 113.2 | 112.4 | 111.7 | 111.7 | 111.7  |
| 75°    | 91.0   | 92.5  | 90.2  | 91.0  | 90.2  | 91.7  | 91.0  | 91.0  | 89.5  | 88.8  | 89.5   |
| 77.5°  | 69.5   | 70.3  | 68.8  | 69.5  | 68.8  | 69.5  | 69.5  | 68.8  | 68.8  | 68.8  | 68.8   |
| 80°    | 49.6   | 50.3  | 49.6  | 48.8  | 48.1  | 49.6  | 48.1  | 48.8  | 49.6  | 48.8  | 50.3   |
| 82.5°  | 31.8   | 31.8  | 31.1  | 31.8  | 30.3  | 30.3  | 31.1  | 31.1  | 30.3  | 31.8  | 30.3   |
| 85°    | 15.5   | 15.5  | 17.0  | 15.5  | 14.8  | 14.8  | 14.8  | 15.5  | 14.8  | 16.3  | 15.5   |
| 87.5°  | 3.7    | 3.0   | 3.7   | 3.7   | 3.0   | 3.0   | 3.7   | 3.0   | 3.7   | 4.4   | 3.0    |
| 90°    | 35.9   | 36.2  | 36.8  | 37.5  | 38.1  | 38.7  | 38.1  | 37.5  | 36.8  | 36.2  | 35.9   |
| 92.5°  | 37.3   | 37.5  | 37.8  | 38.1  | 38.4  | 38.7  | 38.4  | 38.1  | 37.8  | 37.5  | 37.3   |
| 95°    | 63.1   | 62.9  | 62.6  | 62.3  | 62.0  | 61.7  | 62.0  | 62.3  | 62.6  | 62.9  | 63.1   |
| 97.5°  | 77.5   | 77.7  | 78.0  | 78.3  | 78.6  | 78.9  | 78.6  | 78.3  | 78.0  | 77.7  | 77.5   |
| 100°   | 93.3   | 93.6  | 94.2  | 94.9  | 95.5  | 96.1  | 95.5  | 94.9  | 94.2  | 93.6  | 93.3   |
| 102.5° | 100.4  | 100.9 | 101.8 | 102.8 | 103.7 | 104.7 | 103.7 | 102.8 | 101.8 | 100.9 | 100.4  |
| 105°   | 103.3  | 103.9 | 105.2 | 106.5 | 107.8 | 109.1 | 107.8 | 106.5 | 105.2 | 103.9 | 103.3  |
| 107.5° | 106.2  | 106.8 | 108.1 | 109.4 | 110.6 | 111.9 | 110.6 | 109.4 | 108.1 | 106.8 | 106.2  |
| 110°   | 107.6  | 108.2 | 109.5 | 110.8 | 112.1 | 113.4 | 112.1 | 110.8 | 109.5 | 108.2 | 107.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 110.5  | 111.0  | 111.9  | 112.9  | 113.8  | 114.8  | 113.8  | 112.9  | 111.9  | 111.0  | 110.5  |
| 115°   | 221.0  | 209.5  | 186.6  | 163.6  | 140.7  | 117.7  | 140.7  | 163.6  | 186.6  | 209.5  | 221.0  |
| 117.5° | 757.6  | 715.8  | 632.3  | 548.8  | 465.2  | 381.7  | 465.2  | 548.8  | 632.3  | 715.8  | 757.6  |
| 120°   | 1069.0 | 1047.5 | 1004.4 | 961.4  | 918.3  | 875.3  | 918.3  | 961.4  | 1004.4 | 1047.5 | 1069.0 |
| 122.5° | 1145.0 | 1145.2 | 1145.5 | 1145.8 | 1146.2 | 1146.5 | 1146.2 | 1145.8 | 1145.5 | 1145.2 | 1145.0 |
| 125°   | 1222.5 | 1223.0 | 1223.9 | 1224.9 | 1225.8 | 1226.8 | 1225.8 | 1224.9 | 1223.9 | 1223.0 | 1222.5 |
| 127.5° | 1297.1 | 1297.3 | 1297.6 | 1297.9 | 1298.3 | 1298.6 | 1298.3 | 1297.9 | 1297.6 | 1297.3 | 1297.1 |
| 130°   | 1366.0 | 1365.8 | 1365.5 | 1365.2 | 1364.9 | 1364.6 | 1364.9 | 1365.2 | 1365.5 | 1365.8 | 1366.0 |
| 132.5° | 1430.6 | 1430.4 | 1430.1 | 1429.8 | 1429.4 | 1429.1 | 1429.4 | 1429.8 | 1430.1 | 1430.4 | 1430.6 |
| 135°   | 1493.7 | 1493.4 | 1492.7 | 1492.1 | 1491.4 | 1490.8 | 1491.4 | 1492.1 | 1492.7 | 1493.4 | 1493.7 |
| 137.5° | 1552.6 | 1552.1 | 1551.1 | 1550.2 | 1549.2 | 1548.2 | 1549.2 | 1550.2 | 1551.1 | 1552.1 | 1552.6 |
| 140°   | 1608.5 | 1607.7 | 1606.1 | 1604.5 | 1602.9 | 1601.3 | 1602.9 | 1604.5 | 1606.1 | 1607.7 | 1608.5 |
| 142.5° | 1660.2 | 1659.4 | 1657.8 | 1656.2 | 1654.6 | 1653.0 | 1654.6 | 1656.2 | 1657.8 | 1659.4 | 1660.2 |
| 145°   | 1707.5 | 1706.7 | 1705.1 | 1703.5 | 1701.9 | 1700.3 | 1701.9 | 1703.5 | 1705.1 | 1706.7 | 1707.5 |
| 147.5° | 1749.1 | 1748.5 | 1747.2 | 1745.9 | 1744.7 | 1743.4 | 1744.7 | 1745.9 | 1747.2 | 1748.5 | 1749.1 |
| 150°   | 1789.3 | 1788.5 | 1786.9 | 1785.3 | 1783.7 | 1782.1 | 1783.7 | 1785.3 | 1786.9 | 1788.5 | 1789.3 |
| 152.5° | 1825.2 | 1824.1 | 1821.8 | 1819.6 | 1817.3 | 1815.1 | 1817.3 | 1819.6 | 1821.8 | 1824.1 | 1825.2 |
| 155°   | 1856.7 | 1855.4 | 1852.9 | 1850.4 | 1847.8 | 1845.3 | 1847.8 | 1850.4 | 1852.9 | 1855.4 | 1856.7 |
| 157.5° | 1885.4 | 1884.1 | 1881.6 | 1879.1 | 1876.5 | 1874.0 | 1876.5 | 1879.1 | 1881.6 | 1884.1 | 1885.4 |
| 160°   | 1908.4 | 1907.3 | 1905.1 | 1902.8 | 1900.6 | 1898.4 | 1900.6 | 1902.8 | 1905.1 | 1907.3 | 1908.4 |
| 162.5° | 1931.4 | 1930.0 | 1927.1 | 1924.2 | 1921.3 | 1918.4 | 1921.3 | 1924.2 | 1927.1 | 1930.0 | 1931.4 |
| 165°   | 1948.6 | 1947.5 | 1945.2 | 1943.0 | 1940.7 | 1938.5 | 1940.7 | 1943.0 | 1945.2 | 1947.5 | 1948.6 |
| 167.5° | 1964.4 | 1963.0 | 1960.1 | 1957.2 | 1954.3 | 1951.4 | 1954.3 | 1957.2 | 1960.1 | 1963.0 | 1964.4 |
| 170°   | 1975.8 | 1974.4 | 1971.5 | 1968.6 | 1965.8 | 1962.9 | 1965.8 | 1968.6 | 1971.5 | 1974.4 | 1975.8 |
| 172.5° | 1984.5 | 1983.1 | 1980.2 | 1977.3 | 1974.4 | 1971.5 | 1974.4 | 1977.3 | 1980.2 | 1983.1 | 1984.5 |
| 175°   | 1990.2 | 1988.6 | 1985.4 | 1982.2 | 1979.0 | 1975.8 | 1979.0 | 1982.2 | 1985.4 | 1988.6 | 1990.2 |
| 177.5° | 1991.6 | 1990.2 | 1987.3 | 1984.4 | 1981.6 | 1978.7 | 1981.6 | 1984.4 | 1987.3 | 1990.2 | 1991.6 |
| 180°   | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2 | 962.2  | 962.2 |
| 2.5°   | 913.4 | 919.3 | 917.1 | 909.0 | 918.6 | 918.6 | 925.3 | 925.3 | 933.4 | 936.4  | 940.8 |
| 5°     | 861.7 | 866.1 | 869.8 | 866.1 | 872.7 | 883.1 | 889.0 | 894.2 | 905.3 | 909.7  | 916.4 |
| 7.5°   | 806.2 | 814.3 | 818.0 | 818.0 | 829.1 | 840.9 | 852.8 | 860.2 | 875.7 | 881.6  | 888.3 |
| 10°    | 752.2 | 761.8 | 769.2 | 768.5 | 787.0 | 794.3 | 809.1 | 826.2 | 841.7 | 850.6  | 860.2 |
| 12.5°  | 695.2 | 700.4 | 710.8 | 725.6 | 730.0 | 743.3 | 760.3 | 781.8 | 809.9 | 818.0  | 832.1 |
| 15°    | 647.9 | 662.0 | 670.1 | 676.8 | 687.1 | 699.7 | 718.2 | 738.9 | 767.0 | 784.7  | 799.5 |
| 17.5°  | 608.0 | 626.5 | 631.6 | 630.2 | 643.5 | 662.7 | 684.1 | 699.7 | 724.8 | 746.3  | 760.3 |
| 20°    | 575.4 | 582.8 | 591.7 | 595.4 | 605.7 | 626.5 | 647.2 | 664.9 | 685.6 | 702.6  | 718.9 |
| 22.5°  | 542.9 | 548.8 | 556.2 | 562.8 | 571.0 | 582.8 | 602.8 | 625.0 | 644.9 | 661.2  | 679.7 |
| 25°    | 516.3 | 520.0 | 526.6 | 531.8 | 540.7 | 548.8 | 562.8 | 587.3 | 610.9 | 620.5  | 636.8 |
| 27.5°  | 490.4 | 493.3 | 497.8 | 503.7 | 508.1 | 516.3 | 528.8 | 548.8 | 573.2 | 582.8  | 605.0 |
| 30°    | 467.4 | 469.7 | 474.1 | 477.1 | 479.3 | 488.9 | 498.5 | 514.0 | 532.5 | 545.8  | 562.1 |
| 32.5°  | 446.0 | 448.2 | 452.6 | 453.4 | 456.3 | 461.5 | 470.4 | 484.4 | 500.7 | 511.8  | 525.9 |
| 35°    | 422.3 | 423.8 | 428.2 | 429.7 | 431.9 | 436.4 | 443.0 | 453.4 | 468.2 | 476.3  | 488.9 |
| 37.5°  | 403.8 | 403.1 | 406.1 | 408.3 | 411.2 | 413.4 | 415.7 | 426.0 | 437.1 | 444.5  | 454.1 |
| 40°    | 383.9 | 382.4 | 383.1 | 386.1 | 387.6 | 390.5 | 390.5 | 400.9 | 408.3 | 414.2  | 421.6 |
| 42.5°  | 363.9 | 363.2 | 361.7 | 363.2 | 364.6 | 365.4 | 366.1 | 373.5 | 380.9 | 386.1  | 394.2 |
| 45°    | 343.9 | 343.2 | 341.7 | 342.4 | 342.4 | 343.9 | 346.1 | 349.1 | 354.3 | 358.7  | 363.2 |
| 47.5°  | 325.4 | 324.0 | 321.7 | 321.0 | 322.5 | 322.5 | 322.5 | 325.4 | 330.6 | 332.1  | 336.5 |
| 50°    | 306.2 | 304.0 | 301.0 | 299.5 | 299.5 | 298.8 | 300.3 | 301.0 | 305.5 | 306.9  | 310.6 |
| 52.5°  | 285.5 | 284.0 | 281.1 | 278.1 | 278.8 | 277.4 | 278.1 | 278.8 | 280.3 | 282.5  | 284.8 |
| 55°    | 264.8 | 261.8 | 259.6 | 258.9 | 256.6 | 256.6 | 254.4 | 257.4 | 256.6 | 257.4  | 260.3 |
| 57.5°  | 244.8 | 241.9 | 238.2 | 236.7 | 234.5 | 233.7 | 232.2 | 231.5 | 232.2 | 234.5  | 236.7 |
| 60°    | 221.1 | 219.7 | 217.4 | 215.2 | 213.7 | 211.5 | 210.1 | 210.1 | 209.3 | 209.3  | 210.1 |
| 62.5°  | 198.2 | 197.5 | 194.5 | 193.8 | 192.3 | 190.8 | 188.6 | 187.1 | 187.1 | 188.6  | 189.3 |
| 65°    | 176.0 | 175.3 | 173.1 | 172.3 | 168.6 | 167.2 | 166.4 | 165.7 | 164.2 | 164.2  | 164.2 |
| 67.5°  | 155.3 | 153.1 | 153.1 | 149.4 | 146.4 | 145.0 | 143.5 | 142.7 | 142.7 | 142.7  | 143.5 |
| 70°    | 132.4 | 132.4 | 130.2 | 128.0 | 125.0 | 125.7 | 123.5 | 121.3 | 121.3 | 119.8  | 120.6 |
| 72.5°  | 110.2 | 109.5 | 107.2 | 106.5 | 104.3 | 102.1 | 100.6 | 102.1 | 99.8  | 99.1   | 99.8  |
| 75°    | 88.8  | 88.0  | 86.5  | 85.1  | 85.8  | 83.6  | 81.4  | 80.6  | 80.6  | 79.1   | 79.1  |
| 77.5°  | 68.0  | 69.5  | 66.6  | 65.8  | 64.3  | 62.9  | 62.1  | 61.4  | 61.4  | 61.4   | 62.9  |
| 80°    | 47.3  | 48.1  | 48.1  | 46.6  | 47.3  | 45.1  | 45.1  | 45.1  | 42.9  | 43.6   | 44.4  |
| 82.5°  | 30.3  | 30.3  | 29.6  | 30.3  | 29.6  | 29.6  | 28.8  | 28.8  | 28.1  | 28.1   | 28.8  |
| 85°    | 17.0  | 16.3  | 15.5  | 17.0  | 16.3  | 16.3  | 15.5  | 15.5  | 15.5  | 15.5   | 15.5  |
| 87.5°  | 3.7   | 4.4   | 4.4   | 4.4   | 4.4   | 5.2   | 5.2   | 5.2   | 5.9   | 5.9    | 5.9   |
| 90°    | 35.1  | 33.5  | 31.9  | 30.3  | 28.7  | 26.1  | 23.6  | 21.0  | 18.5  | 17.2   | 15.4  |
| 92.5°  | 37.0  | 36.3  | 35.7  | 35.0  | 34.4  | 33.4  | 32.5  | 31.5  | 30.6  | 30.1   | 30.7  |
| 95°    | 62.3  | 60.7  | 59.2  | 57.6  | 56.0  | 53.8  | 51.5  | 49.3  | 47.0  | 45.9   | 51.2  |
| 97.5°  | 77.0  | 76.1  | 75.1  | 74.2  | 73.2  | 68.1  | 63.0  | 57.9  | 52.8  | 50.2   | 63.3  |
| 100°   | 92.0  | 89.5  | 86.9  | 84.4  | 81.8  | 76.4  | 71.0  | 65.5  | 60.1  | 57.4   | 79.2  |
| 102.5° | 98.7  | 95.2  | 91.7  | 88.2  | 84.7  | 142.7 | 200.7 | 258.8 | 316.8 | 345.8  | 346.1 |
| 105°   | 101.5 | 98.0  | 94.5  | 91.0  | 87.5  | 174.6 | 261.6 | 348.7 | 435.8 | 479.3  | 474.5 |
| 107.5° | 104.4 | 100.9 | 97.4  | 93.9  | 90.4  | 197.9 | 305.3 | 412.8 | 520.3 | 574.0  | 570.0 |
| 110°   | 123.5 | 155.4 | 187.3 | 219.2 | 251.1 | 343.3 | 435.4 | 527.6 | 619.7 | 665.8  | 662.5 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 179.2  | 316.6  | 454.1  | 591.5  | 728.9  | 734.3  | 739.7  | 745.2  | 750.6  | 753.3  | 750.4  |
| 115°   | 294.8  | 442.4  | 590.1  | 737.7  | 885.3  | 877.3  | 869.4  | 861.4  | 853.5  | 849.5  | 846.8  |
| 117.5° | 780.4  | 826.0  | 871.6  | 917.2  | 962.8  | 957.4  | 952.0  | 946.5  | 941.1  | 938.4  | 935.2  |
| 120°   | 1067.1 | 1063.3 | 1059.4 | 1055.6 | 1051.8 | 1046.0 | 1040.3 | 1034.5 | 1028.8 | 1025.9 | 1023.5 |
| 122.5° | 1144.0 | 1142.1 | 1140.2 | 1138.3 | 1136.4 | 1130.0 | 1123.6 | 1117.3 | 1110.9 | 1107.7 | 1105.2 |
| 125°   | 1221.4 | 1219.2 | 1216.9 | 1214.7 | 1212.5 | 1206.4 | 1200.4 | 1194.3 | 1188.2 | 1185.2 | 1183.1 |
| 127.5° | 1295.5 | 1292.3 | 1289.2 | 1286.0 | 1282.8 | 1278.0 | 1273.2 | 1268.5 | 1263.7 | 1261.3 | 1259.1 |
| 130°   | 1364.2 | 1360.7 | 1357.2 | 1353.7 | 1350.2 | 1346.7 | 1343.2 | 1339.7 | 1336.2 | 1334.4 | 1331.9 |
| 132.5° | 1429.2 | 1426.3 | 1423.4 | 1420.6 | 1417.7 | 1414.2 | 1410.7 | 1407.2 | 1403.7 | 1401.9 | 1399.8 |
| 135°   | 1492.1 | 1488.9 | 1485.8 | 1482.6 | 1479.4 | 1476.5 | 1473.7 | 1470.8 | 1467.9 | 1466.5 | 1463.9 |
| 137.5° | 1551.0 | 1547.8 | 1544.6 | 1541.4 | 1538.2 | 1535.0 | 1531.8 | 1528.7 | 1525.5 | 1523.9 | 1522.0 |
| 140°   | 1607.1 | 1604.2 | 1601.3 | 1598.5 | 1595.6 | 1592.1 | 1588.6 | 1585.1 | 1581.6 | 1579.8 | 1578.5 |
| 142.5° | 1658.9 | 1656.4 | 1653.8 | 1651.3 | 1648.7 | 1644.5 | 1640.4 | 1636.2 | 1632.1 | 1630.0 | 1628.9 |
| 145°   | 1706.4 | 1704.2 | 1701.9 | 1699.7 | 1697.5 | 1692.1 | 1686.7 | 1681.2 | 1675.8 | 1673.1 | 1673.3 |
| 147.5° | 1748.3 | 1746.7 | 1745.2 | 1743.6 | 1742.0 | 1736.6 | 1731.2 | 1725.7 | 1720.3 | 1717.6 | 1718.1 |
| 150°   | 1788.3 | 1786.4 | 1784.5 | 1782.6 | 1780.7 | 1775.6 | 1770.5 | 1765.4 | 1760.3 | 1757.7 | 1758.8 |
| 152.5° | 1824.2 | 1822.3 | 1820.4 | 1818.5 | 1816.6 | 1811.8 | 1807.0 | 1802.2 | 1797.4 | 1795.0 | 1796.3 |
| 155°   | 1855.7 | 1853.8 | 1851.9 | 1850.0 | 1848.1 | 1844.3 | 1840.5 | 1836.6 | 1832.8 | 1830.9 | 1832.3 |
| 157.5° | 1884.3 | 1882.1 | 1879.8 | 1877.6 | 1875.4 | 1872.5 | 1869.7 | 1866.8 | 1863.9 | 1862.5 | 1863.8 |
| 160°   | 1907.4 | 1905.5 | 1903.6 | 1901.7 | 1899.8 | 1897.9 | 1896.0 | 1894.1 | 1892.2 | 1891.2 | 1892.2 |
| 162.5° | 1930.3 | 1928.0 | 1925.8 | 1923.5 | 1921.3 | 1919.7 | 1918.1 | 1916.5 | 1914.9 | 1914.1 | 1915.1 |
| 165°   | 1947.5 | 1945.2 | 1943.0 | 1940.7 | 1938.5 | 1937.5 | 1936.6 | 1935.6 | 1934.7 | 1934.2 | 1935.2 |
| 167.5° | 1963.3 | 1961.0 | 1958.8 | 1956.5 | 1954.3 | 1953.3 | 1952.4 | 1951.4 | 1950.5 | 1950.0 | 1951.0 |
| 170°   | 1974.7 | 1972.5 | 1970.2 | 1968.0 | 1965.8 | 1965.2 | 1964.5 | 1963.9 | 1963.2 | 1962.9 | 1963.9 |
| 172.5° | 1983.4 | 1981.1 | 1978.9 | 1976.6 | 1974.4 | 1973.8 | 1973.1 | 1972.5 | 1971.8 | 1971.5 | 1972.5 |
| 175°   | 1989.1 | 1986.8 | 1984.6 | 1982.3 | 1980.1 | 1979.5 | 1978.9 | 1978.2 | 1977.6 | 1977.3 | 1978.4 |
| 177.5° | 1990.5 | 1988.3 | 1986.0 | 1983.8 | 1981.6 | 1981.3 | 1980.9 | 1980.6 | 1980.3 | 1980.1 | 1981.2 |
| 180°   | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 | 1983.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 962.2 | 962.2 | 962.2 | 962.2 |
| 2.5°   | 944.5 | 944.5 | 955.6 | 967.4 |
| 5°     | 923.8 | 929.0 | 946.7 | 963.0 |
| 7.5°   | 903.8 | 912.7 | 934.9 | 955.6 |
| 10°    | 879.4 | 891.2 | 918.6 | 943.0 |
| 12.5°  | 855.7 | 866.8 | 898.6 | 926.0 |
| 15°    | 822.5 | 836.5 | 870.5 | 904.6 |
| 17.5°  | 789.2 | 803.2 | 844.6 | 884.6 |
| 20°    | 750.0 | 768.5 | 815.1 | 868.3 |
| 22.5°  | 713.7 | 736.7 | 788.4 | 831.3 |
| 25°    | 673.8 | 709.3 | 757.4 | 812.8 |
| 27.5°  | 638.3 | 673.8 | 722.6 | 778.8 |
| 30°    | 598.4 | 634.6 | 684.9 | 736.7 |
| 32.5°  | 559.9 | 593.2 | 642.0 | 705.6 |
| 35°    | 520.0 | 551.8 | 599.1 | 663.4 |
| 37.5°  | 483.7 | 514.8 | 566.5 | 625.7 |
| 40°    | 448.2 | 480.8 | 525.1 | 584.3 |
| 42.5°  | 414.9 | 443.8 | 483.7 | 542.9 |
| 45°    | 384.6 | 405.3 | 442.3 | 497.8 |
| 47.5°  | 352.8 | 371.3 | 405.3 | 460.8 |
| 50°    | 323.2 | 338.7 | 368.3 | 420.1 |
| 52.5°  | 294.4 | 307.7 | 335.0 | 376.5 |
| 55°    | 268.5 | 281.1 | 301.0 | 341.7 |
| 57.5°  | 241.9 | 251.5 | 270.7 | 303.2 |
| 60°    | 216.0 | 224.8 | 240.4 | 267.0 |
| 62.5°  | 190.1 | 197.5 | 212.3 | 233.7 |
| 65°    | 167.2 | 173.1 | 184.2 | 202.7 |
| 67.5°  | 145.0 | 148.7 | 157.5 | 172.3 |
| 70°    | 123.5 | 126.5 | 133.9 | 145.7 |
| 72.5°  | 100.6 | 103.5 | 111.7 | 119.8 |
| 75°    | 81.4  | 82.1  | 88.0  | 94.7  |
| 77.5°  | 63.6  | 62.9  | 67.3  | 72.5  |
| 80°    | 43.6  | 45.9  | 49.6  | 51.8  |
| 82.5°  | 29.6  | 30.3  | 31.8  | 33.3  |
| 85°    | 16.3  | 17.0  | 17.0  | 19.2  |
| 87.5°  | 6.7   | 7.4   | 7.4   | 8.1   |
| 90°    | 11.9  | 8.4   | 4.9   | 1.4   |
| 92.5°  | 32.0  | 33.3  | 34.6  | 35.9  |
| 95°    | 61.7  | 72.2  | 82.8  | 93.3  |
| 97.5°  | 89.4  | 115.6 | 141.7 | 167.9 |
| 100°   | 122.9 | 166.6 | 210.3 | 254.0 |
| 102.5° | 346.8 | 347.4 | 348.1 | 348.7 |
| 105°   | 464.9 | 455.4 | 445.8 | 436.2 |
| 107.5° | 562.0 | 554.1 | 546.1 | 538.1 |
| 110°   | 655.8 | 649.1 | 642.4 | 635.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 744.7  | 739.0  | 733.2  | 727.5  |
| 115°   | 841.4  | 835.9  | 830.5  | 825.1  |
| 117.5° | 928.8  | 922.5  | 916.1  | 909.7  |
| 120°   | 1018.7 | 1014.0 | 1009.2 | 1004.4 |
| 122.5° | 1100.1 | 1095.0 | 1089.9 | 1084.8 |
| 125°   | 1179.0 | 1174.9 | 1170.7 | 1166.6 |
| 127.5° | 1254.6 | 1250.1 | 1245.7 | 1241.2 |
| 130°   | 1326.8 | 1321.7 | 1316.6 | 1311.5 |
| 132.5° | 1395.7 | 1391.5 | 1387.4 | 1383.2 |
| 135°   | 1458.8 | 1453.7 | 1448.6 | 1443.5 |
| 137.5° | 1518.1 | 1514.3 | 1510.4 | 1506.6 |
| 140°   | 1576.0 | 1573.4 | 1570.9 | 1568.3 |
| 142.5° | 1626.7 | 1624.4 | 1622.2 | 1620.0 |
| 145°   | 1673.6 | 1673.9 | 1674.2 | 1674.5 |
| 147.5° | 1719.0 | 1720.0 | 1720.9 | 1721.9 |
| 150°   | 1761.1 | 1763.3 | 1765.6 | 1767.8 |
| 152.5° | 1798.8 | 1801.4 | 1803.9 | 1806.5 |
| 155°   | 1835.2 | 1838.1 | 1840.9 | 1843.8 |
| 157.5° | 1866.3 | 1868.9 | 1871.4 | 1874.0 |
| 160°   | 1894.1 | 1896.0 | 1897.9 | 1899.8 |
| 162.5° | 1917.0 | 1918.9 | 1920.9 | 1922.8 |
| 165°   | 1937.1 | 1939.0 | 1940.9 | 1942.8 |
| 167.5° | 1952.9 | 1954.8 | 1956.7 | 1958.6 |
| 170°   | 1965.8 | 1967.7 | 1969.6 | 1971.5 |
| 172.5° | 1974.4 | 1976.3 | 1978.2 | 1980.1 |
| 175°   | 1980.6 | 1982.9 | 1985.1 | 1987.3 |
| 177.5° | 1983.5 | 1985.7 | 1988.0 | 1990.2 |
| 180°   | 1983.0 | 1983.0 | 1983.0 | 1983.0 |

(END OF REPORT)