

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: P1029448

Luminaire Tested: S122DIW-B485D1240UB2750-4F0-XX-W2A-A1\_2700K

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1029448  
REPORT IS A COMBINATION OF REPORTS P985927 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122DIW-B485D1240UB2750-4F0-XX-W2A-A1\_2700K  
Description: Define 2 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

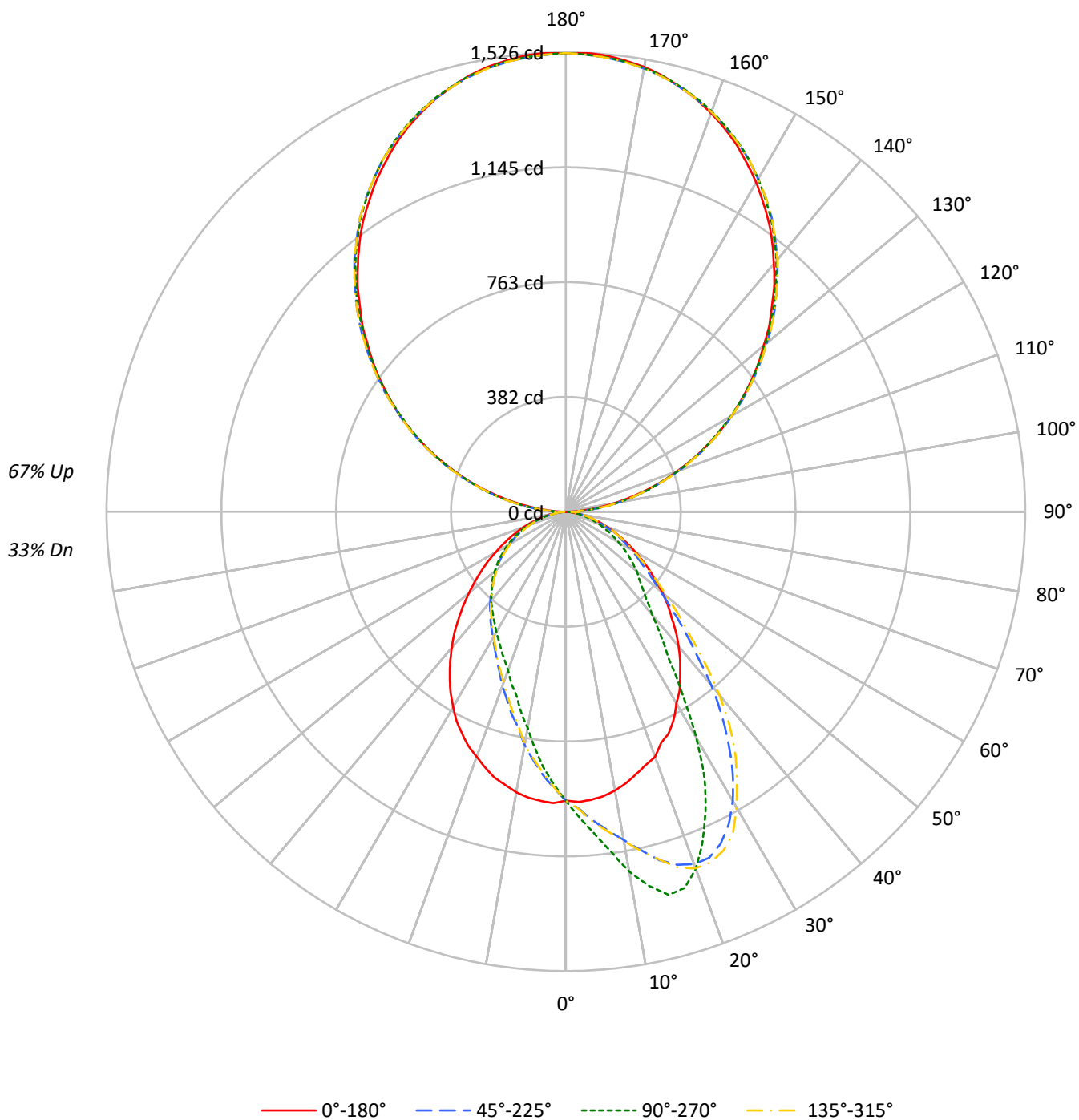
Lumens per Lamp: N/A  
Luminaire Lumens: 6382.0 lumens  
Efficiency: N/A  
Efficacy: 96.6 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 66.1  
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: P1029448

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A1\_2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P1029448

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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 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 103 | 103 | 103 | 103 | 93 | 93 | 93 | 93 | 74 | 74 | 74 | 57 | 57 | 57 | 41 | 41 | 41 |    |    | 33 |
| 1   | 94  | 90  | 87  | 83  | 85 | 82 | 78 | 76 | 65 | 63 | 61 | 50 | 49 | 48 | 36 | 36 | 35 |    |    | 29 |
| 2   | 86  | 79  | 73  | 68  | 77 | 72 | 67 | 63 | 57 | 54 | 51 | 44 | 42 | 40 | 32 | 31 | 30 |    |    | 24 |
| 3   | 79  | 70  | 63  | 57  | 71 | 63 | 57 | 53 | 51 | 47 | 43 | 40 | 37 | 34 | 29 | 27 | 26 |    |    | 21 |
| 4   | 72  | 62  | 54  | 49  | 65 | 56 | 50 | 45 | 45 | 41 | 37 | 35 | 32 | 30 | 26 | 24 | 22 |    |    | 18 |
| 5   | 66  | 55  | 47  | 42  | 60 | 50 | 44 | 39 | 41 | 36 | 32 | 32 | 29 | 26 | 24 | 22 | 20 |    |    | 16 |
| 6   | 61  | 50  | 42  | 36  | 55 | 45 | 38 | 34 | 37 | 32 | 28 | 29 | 25 | 23 | 22 | 19 | 18 |    |    | 14 |
| 7   | 56  | 45  | 37  | 32  | 51 | 41 | 34 | 29 | 33 | 28 | 25 | 26 | 23 | 20 | 20 | 17 | 16 |    |    | 13 |
| 8   | 52  | 41  | 33  | 28  | 47 | 37 | 31 | 26 | 30 | 26 | 22 | 24 | 21 | 18 | 18 | 16 | 14 |    |    | 12 |
| 9   | 49  | 37  | 30  | 25  | 44 | 34 | 28 | 23 | 28 | 23 | 20 | 22 | 19 | 16 | 17 | 15 | 13 |    |    | 11 |
| 10  | 45  | 34  | 27  | 22  | 41 | 31 | 25 | 21 | 26 | 21 | 18 | 21 | 17 | 15 | 16 | 13 | 12 |    |    | 10 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15188 | 15188 | 15188 | 15188 |
| 5°  | 15226 | 16194 | 15283 | 12885 |
| 10° | 15048 | 17679 | 15142 | 10622 |
| 15° | 14683 | 18647 | 14887 | 8948  |
| 20° | 14455 | 17508 | 14455 | 7777  |
| 25° | 13993 | 15041 | 14057 | 6954  |
| 30° | 13236 | 11824 | 13488 | 6300  |
| 35° | 12565 | 8176  | 12774 | 5763  |
| 40° | 11791 | 6173  | 11927 | 5336  |
| 45° | 10841 | 5073  | 11018 | 4875  |
| 50° | 10017 | 4452  | 10037 | 4463  |
| 55° | 9078  | 3794  | 9140  | 4015  |
| 60° | 8078  | 3169  | 8190  | 3505  |
| 65° | 7185  | 2577  | 7316  | 2993  |
| 70° | 6293  | 2022  | 6453  | 2413  |
| 75° | 5281  | 1468  | 5488  | 1751  |
| 80° | 4120  | 931   | 4415  | 1039  |
| 85° | 2712  | 468   | 2924  | 348   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15700 cd/sqm

TEST NUMBER: P1029448

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A1\_2700K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 91.4   | 1.4       |
| 10°-20°   | 266.0  | 4.2       |
| 20°-30°   | 386.1  | 6.0       |
| 30°-40°   | 407.0  | 6.4       |
| 40°-50°   | 360.1  | 5.6       |
| 50°-60°   | 287.6  | 4.5       |
| 60°-70°   | 195.3  | 3.1       |
| 70°-80°   | 99.9   | 1.6       |
| 80°-90°   | 28.0   | 0.4       |
| 90°-100°  | 94.3   | 1.5       |
| 100°-110° | 299.7  | 4.7       |
| 110°-120° | 512.8  | 8.0       |
| 120°-130° | 674.4  | 10.6      |
| 130°-140° | 757.0  | 11.9      |
| 140°-150° | 742.4  | 11.6      |
| 150°-160° | 622.7  | 9.8       |
| 160°-170° | 413.0  | 6.5       |
| 170°-180° | 144.3  | 2.3       |
| 0°-30°    | 743.5  | 11.6      |
| 0°-40°    | 1150.4 | 18.0      |
| 0°-60°    | 1798.1 | 28.2      |
| 0°-90°    | 2121.3 | 33.2      |
| 90°-120°  | 906.8  | 14.2      |
| 90°-150°  | 3080.6 | 48.3      |
| 90°-180°  | 4261.0 | 66.8      |
| 0°-180°   | 6382.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 960  | 960  | 960  | 960  | 960  |      |
| 5°   | 960  | 1072 | 964  | 853  | 960  | 91   |
| 15°  | 902  | 1317 | 914  | 632  | 902  | 255  |
| 25°  | 810  | 1097 | 814  | 507  | 810  | 371  |
| 35°  | 662  | 597  | 673  | 421  | 662  | 414  |
| 45°  | 496  | 360  | 504  | 346  | 496  | 385  |
| 55°  | 341  | 253  | 343  | 268  | 341  | 304  |
| 65°  | 202  | 156  | 206  | 181  | 202  | 201  |
| 75°  | 94   | 77   | 98   | 92   | 94   | 101  |
| 85°  | 19   | 20   | 21   | 15   | 19   | 22   |
| 90°  | 1    | 44   | 1    | 44   | 1    | 5    |
| 95°  | 67   | 80   | 67   | 80   | 67   | 75   |
| 105° | 276  | 286  | 276  | 286  | 276  | 292  |
| 115° | 514  | 514  | 514  | 514  | 514  | 509  |
| 125° | 748  | 751  | 748  | 751  | 748  | 669  |
| 135° | 968  | 980  | 968  | 980  | 968  | 748  |
| 145° | 1175 | 1188 | 1175 | 1188 | 1175 | 734  |
| 155° | 1344 | 1354 | 1344 | 1354 | 1344 | 619  |
| 165° | 1462 | 1464 | 1462 | 1464 | 1462 | 412  |
| 175° | 1521 | 1516 | 1521 | 1516 | 1521 | 145  |
| 180° | 1524 | 1524 | 1524 | 1524 | 1524 |      |

TEST NUMBER: P1029448

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 959.5 | 959.5 | 959.5 | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  |
| 2.5°   | 964.7 | 966.9 | 970.6 | 971.3  | 978.7  | 984.6  | 991.2  | 991.2  | 993.4  | 992.7  | 986.8  |
| 5°     | 960.3 | 966.9 | 976.5 | 984.6  | 997.9  | 1003.8 | 1012.6 | 1019.3 | 1025.2 | 1029.6 | 1028.9 |
| 7.5°   | 952.9 | 964.7 | 978.7 | 994.2  | 1011.9 | 1022.2 | 1034.8 | 1046.6 | 1054.7 | 1062.0 | 1067.2 |
| 10°    | 940.3 | 960.3 | 979.4 | 1000.1 | 1023.0 | 1037.0 | 1051.7 | 1067.2 | 1079.7 | 1093.8 | 1107.0 |
| 12.5°  | 923.4 | 952.1 | 975.7 | 1003.0 | 1031.1 | 1046.6 | 1070.2 | 1082.0 | 1106.3 | 1141.7 | 1151.3 |
| 15°    | 902.0 | 941.1 | 963.2 | 997.9  | 1034.8 | 1047.3 | 1079.7 | 1098.9 | 1149.1 | 1171.2 | 1197.7 |
| 17.5°  | 882.1 | 925.6 | 955.1 | 994.9  | 1031.1 | 1055.4 | 1087.1 | 1126.2 | 1168.2 | 1200.0 | 1229.5 |
| 20°    | 865.9 | 907.9 | 943.3 | 987.5  | 1033.3 | 1064.3 | 1097.4 | 1144.6 | 1190.4 | 1222.8 | 1245.7 |
| 22.5°  | 829.0 | 882.8 | 924.1 | 973.5  | 1028.9 | 1071.6 | 1103.3 | 1155.0 | 1204.4 | 1224.3 | 1244.2 |
| 25°    | 810.5 | 857.0 | 904.9 | 961.0  | 1025.9 | 1076.8 | 1104.1 | 1161.6 | 1205.1 | 1212.5 | 1216.9 |
| 27.5°  | 776.6 | 829.0 | 885.0 | 949.2  | 1025.2 | 1067.9 | 1102.6 | 1155.0 | 1189.6 | 1184.5 | 1171.2 |
| 30°    | 734.6 | 798.7 | 860.7 | 930.0  | 1014.8 | 1061.3 | 1093.8 | 1141.7 | 1159.4 | 1132.8 | 1109.2 |
| 32.5°  | 703.6 | 764.1 | 832.7 | 913.1  | 1003.0 | 1047.3 | 1079.0 | 1116.6 | 1120.3 | 1072.4 | 1032.5 |
| 35°    | 661.6 | 728.7 | 806.1 | 890.9  | 983.1  | 1023.0 | 1052.5 | 1075.3 | 1057.6 | 990.5  | 943.3  |
| 37.5°  | 623.9 | 690.3 | 772.9 | 859.2  | 955.8  | 994.9  | 1018.5 | 1022.2 | 978.7  | 919.7  | 850.4  |
| 40°    | 582.6 | 651.2 | 737.5 | 828.2  | 925.6  | 959.5  | 974.3  | 963.2  | 900.5  | 831.9  | 751.5  |
| 42.5°  | 541.3 | 609.2 | 702.1 | 795.1  | 887.2  | 916.0  | 921.9  | 891.7  | 815.0  | 734.6  | 641.6  |
| 45°    | 496.4 | 567.2 | 660.1 | 753.8  | 843.0  | 859.2  | 860.0  | 816.4  | 725.7  | 641.6  | 555.4  |
| 47.5°  | 459.5 | 525.1 | 617.3 | 711.0  | 786.2  | 797.3  | 792.8  | 742.7  | 643.9  | 549.5  | 474.2  |
| 50°    | 418.9 | 481.6 | 573.1 | 665.2  | 729.4  | 732.4  | 721.3  | 649.8  | 553.1  | 466.9  | 407.1  |
| 52.5°  | 375.4 | 438.8 | 522.9 | 611.4  | 668.9  | 664.5  | 643.1  | 566.4  | 475.7  | 404.2  | 358.4  |
| 55°    | 340.7 | 396.8 | 475.7 | 562.0  | 602.6  | 590.0  | 566.4  | 488.2  | 416.7  | 356.2  | 316.4  |
| 57.5°  | 302.4 | 351.8 | 429.2 | 504.5  | 528.1  | 516.3  | 492.7  | 419.7  | 353.3  | 307.5  | 281.0  |
| 60°    | 266.2 | 311.2 | 379.1 | 441.8  | 460.2  | 447.7  | 420.4  | 354.8  | 306.8  | 268.5  | 248.5  |
| 62.5°  | 233.1 | 272.1 | 328.9 | 386.5  | 393.8  | 381.3  | 357.7  | 304.6  | 263.3  | 233.1  | 218.3  |
| 65°    | 202.1 | 239.0 | 284.7 | 328.2  | 334.8  | 321.6  | 297.2  | 258.9  | 224.2  | 205.0  | 191.0  |
| 67.5°  | 171.8 | 201.3 | 241.9 | 273.6  | 277.3  | 264.8  | 244.9  | 213.9  | 192.5  | 171.8  | 161.5  |
| 70°    | 145.3 | 167.4 | 199.1 | 224.9  | 226.4  | 214.6  | 204.3  | 176.3  | 160.0  | 145.3  | 137.2  |
| 72.5°  | 119.5 | 135.0 | 159.3 | 178.5  | 179.2  | 171.8  | 162.3  | 144.6  | 130.5  | 120.2  | 112.1  |
| 75°    | 94.4  | 107.7 | 122.4 | 139.4  | 138.7  | 132.8  | 125.4  | 114.3  | 102.5  | 95.9   | 92.2   |
| 77.5°  | 72.3  | 80.4  | 92.2  | 103.3  | 103.3  | 100.3  | 95.9   | 87.8   | 80.4   | 73.8   | 70.1   |
| 80°    | 51.6  | 56.8  | 66.4  | 70.1   | 71.5   | 70.8   | 67.1   | 61.2   | 58.3   | 53.1   | 51.6   |
| 82.5°  | 33.2  | 36.9  | 41.3  | 45.0   | 47.2   | 45.7   | 45.0   | 42.0   | 37.6   | 36.1   | 34.7   |
| 85°    | 19.2  | 20.7  | 22.9  | 25.1   | 25.8   | 25.1   | 26.6   | 24.3   | 22.1   | 22.1   | 21.4   |
| 87.5°  | 8.1   | 8.9   | 10.3  | 10.3   | 11.1   | 11.1   | 10.3   | 11.1   | 11.1   | 10.3   | 9.6    |
| 90°    | 1.3   | 4.7   | 8.1   | 11.6   | 15.0   | 16.7   | 19.8   | 26.1   | 32.4   | 38.7   | 45.0   |
| 92.5°  | 28.3  | 30.6  | 32.9  | 35.2   | 37.5   | 38.6   | 38.7   | 39.0   | 39.3   | 39.6   | 39.9   |
| 95°    | 66.9  | 69.7  | 72.6  | 75.4   | 78.3   | 79.7   | 80.0   | 80.6   | 81.1   | 81.7   | 82.3   |
| 97.5°  | 111.9 | 114.5 | 117.1 | 119.6  | 122.2  | 123.5  | 124.1  | 125.2  | 126.3  | 127.5  | 128.6  |
| 100°   | 163.3 | 165.6 | 167.9 | 170.2  | 172.5  | 173.6  | 174.0  | 174.9  | 175.8  | 176.6  | 177.5  |
| 102.5° | 217.3 | 219.0 | 220.8 | 222.5  | 224.2  | 225.1  | 225.7  | 226.8  | 227.9  | 229.1  | 230.2  |
| 105°   | 276.5 | 277.4 | 278.2 | 279.1  | 280.0  | 280.4  | 280.7  | 281.2  | 281.8  | 282.3  | 282.9  |
| 107.5° | 335.7 | 336.8 | 338.0 | 339.1  | 340.2  | 340.8  | 340.8  | 340.8  | 340.8  | 340.8  | 340.8  |
| 110°   | 392.2 | 393.9 | 395.7 | 397.4  | 399.1  | 400.0  | 400.0  | 400.0  | 400.0  | 400.0  | 400.0  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 454.0  | 455.7  | 457.4  | 459.1  | 460.8  | 461.7  | 461.6  | 461.3  | 461.0  | 460.7  | 460.4  |
| 115°   | 514.4  | 516.1  | 517.8  | 519.5  | 521.2  | 522.1  | 521.8  | 521.3  | 520.7  | 520.2  | 519.6  |
| 117.5° | 574.9  | 577.2  | 579.4  | 581.7  | 584.0  | 585.1  | 584.4  | 583.0  | 581.5  | 580.1  | 578.7  |
| 120°   | 635.3  | 637.6  | 639.9  | 642.2  | 644.5  | 645.6  | 644.5  | 642.2  | 639.9  | 637.6  | 635.3  |
| 122.5° | 690.6  | 693.5  | 696.3  | 699.2  | 702.1  | 703.5  | 702.8  | 701.3  | 699.9  | 698.4  | 697.0  |
| 125°   | 748.5  | 751.1  | 753.6  | 756.2  | 758.7  | 760.0  | 759.6  | 758.7  | 757.9  | 757.0  | 756.2  |
| 127.5° | 805.1  | 808.2  | 811.4  | 814.5  | 817.6  | 819.2  | 818.6  | 817.5  | 816.4  | 815.2  | 814.1  |
| 130°   | 857.8  | 861.5  | 865.2  | 868.9  | 872.6  | 874.5  | 874.2  | 873.6  | 873.1  | 872.5  | 871.9  |
| 132.5° | 916.9  | 919.8  | 922.6  | 925.5  | 928.4  | 929.8  | 929.9  | 930.2  | 930.5  | 930.8  | 931.1  |
| 135°   | 968.4  | 971.5  | 974.7  | 977.8  | 980.9  | 982.5  | 982.8  | 983.4  | 983.9  | 984.5  | 985.1  |
| 137.5° | 1025.0 | 1027.6 | 1030.1 | 1032.7 | 1035.2 | 1036.5 | 1036.8 | 1037.4 | 1037.9 | 1038.5 | 1039.1 |
| 140°   | 1075.1 | 1077.7 | 1080.3 | 1082.8 | 1085.4 | 1086.7 | 1087.4 | 1088.8 | 1090.3 | 1091.7 | 1093.1 |
| 142.5° | 1126.6 | 1129.2 | 1131.7 | 1134.3 | 1136.8 | 1138.1 | 1138.5 | 1139.4 | 1140.3 | 1141.1 | 1142.0 |
| 145°   | 1175.4 | 1177.4 | 1179.4 | 1181.4 | 1183.4 | 1184.4 | 1185.3 | 1187.0 | 1188.7 | 1190.4 | 1192.1 |
| 147.5° | 1219.2 | 1221.8 | 1224.3 | 1226.9 | 1229.4 | 1230.7 | 1231.3 | 1232.4 | 1233.6 | 1234.7 | 1235.9 |
| 150°   | 1264.2 | 1265.9 | 1267.6 | 1269.3 | 1271.0 | 1271.9 | 1272.5 | 1273.6 | 1274.7 | 1275.9 | 1277.0 |
| 152.5° | 1304.0 | 1305.7 | 1307.5 | 1309.2 | 1310.9 | 1311.8 | 1312.5 | 1313.9 | 1315.4 | 1316.8 | 1318.2 |
| 155°   | 1343.9 | 1344.8 | 1345.6 | 1346.5 | 1347.4 | 1347.8 | 1348.2 | 1349.1 | 1349.9 | 1350.8 | 1351.6 |
| 157.5° | 1378.6 | 1379.2 | 1379.8 | 1380.3 | 1380.9 | 1381.2 | 1381.5 | 1382.1 | 1382.6 | 1383.2 | 1383.8 |
| 160°   | 1409.5 | 1410.1 | 1410.7 | 1411.2 | 1411.8 | 1412.1 | 1412.2 | 1412.5 | 1412.8 | 1413.0 | 1413.3 |
| 162.5° | 1437.8 | 1437.8 | 1437.8 | 1437.8 | 1437.8 | 1437.8 | 1437.9 | 1438.2 | 1438.5 | 1438.8 | 1439.1 |
| 165°   | 1462.2 | 1461.9 | 1461.6 | 1461.3 | 1461.0 | 1460.9 | 1460.9 | 1460.9 | 1460.9 | 1460.9 | 1460.9 |
| 167.5° | 1484.1 | 1483.2 | 1482.4 | 1481.5 | 1480.6 | 1480.2 | 1480.2 | 1480.2 | 1480.2 | 1480.2 | 1480.2 |
| 170°   | 1500.8 | 1499.9 | 1499.1 | 1498.2 | 1497.3 | 1496.9 | 1496.8 | 1496.5 | 1496.2 | 1496.0 | 1495.7 |
| 172.5° | 1512.4 | 1511.5 | 1510.7 | 1509.8 | 1508.9 | 1508.5 | 1508.4 | 1508.1 | 1507.8 | 1507.5 | 1507.2 |
| 175°   | 1521.4 | 1520.5 | 1519.7 | 1518.8 | 1517.9 | 1517.5 | 1517.2 | 1516.6 | 1516.1 | 1515.5 | 1514.9 |
| 177.5° | 1526.5 | 1525.7 | 1524.8 | 1524.0 | 1523.1 | 1522.7 | 1522.4 | 1521.8 | 1521.3 | 1520.7 | 1520.1 |
| 180°   | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  |
| 2.5°   | 997.1  | 997.9  | 999.3  | 1006.7 | 1010.4 | 1011.1 | 1008.2 | 1014.8 | 1017.1 | 1014.8 | 1013.4 |
| 5°     | 1044.3 | 1048.8 | 1057.6 | 1067.2 | 1066.5 | 1067.2 | 1071.6 | 1076.1 | 1077.5 | 1071.6 | 1073.8 |
| 7.5°   | 1085.6 | 1094.5 | 1104.1 | 1118.8 | 1118.8 | 1126.2 | 1129.2 | 1132.8 | 1141.7 | 1137.3 | 1135.8 |
| 10°    | 1132.8 | 1144.6 | 1162.3 | 1185.9 | 1186.7 | 1194.1 | 1201.4 | 1213.2 | 1216.9 | 1214.0 | 1215.4 |
| 12.5°  | 1191.8 | 1214.7 | 1216.2 | 1242.0 | 1253.8 | 1255.3 | 1267.1 | 1264.9 | 1272.2 | 1272.2 | 1284.8 |
| 15°    | 1217.7 | 1253.1 | 1273.0 | 1298.0 | 1305.4 | 1296.6 | 1306.2 | 1316.5 | 1317.2 | 1317.2 | 1316.5 |
| 17.5°  | 1264.1 | 1278.1 | 1298.0 | 1311.3 | 1314.3 | 1314.3 | 1315.0 | 1319.4 | 1316.5 | 1310.6 | 1315.0 |
| 20°    | 1273.7 | 1279.6 | 1287.0 | 1285.5 | 1287.0 | 1279.6 | 1272.2 | 1264.9 | 1265.6 | 1261.9 | 1273.0 |
| 22.5°  | 1256.0 | 1254.5 | 1237.6 | 1226.5 | 1226.5 | 1211.8 | 1197.7 | 1191.1 | 1184.5 | 1186.7 | 1190.4 |
| 25°    | 1211.8 | 1188.9 | 1168.2 | 1152.0 | 1148.3 | 1124.7 | 1105.6 | 1099.7 | 1088.6 | 1097.4 | 1098.9 |
| 27.5°  | 1141.0 | 1115.1 | 1082.0 | 1067.9 | 1048.8 | 1039.2 | 1025.9 | 1008.2 | 985.3  | 998.6  | 996.4  |
| 30°    | 1065.0 | 1026.6 | 999.3  | 965.4  | 935.2  | 933.0  | 907.9  | 878.4  | 866.6  | 866.6  | 873.2  |
| 32.5°  | 980.2  | 929.3  | 889.5  | 841.5  | 812.0  | 799.5  | 769.2  | 739.7  | 746.4  | 724.3  | 732.4  |
| 35°    | 881.3  | 814.2  | 764.1  | 717.6  | 695.5  | 680.7  | 641.6  | 625.4  | 607.7  | 597.4  | 616.6  |
| 37.5°  | 786.9  | 709.5  | 645.3  | 594.4  | 586.3  | 559.8  | 533.2  | 522.9  | 512.6  | 517.0  | 516.3  |
| 40°    | 671.9  | 603.3  | 545.8  | 505.9  | 491.9  | 479.4  | 461.7  | 449.2  | 442.5  | 446.2  | 446.9  |
| 42.5°  | 567.9  | 510.4  | 467.6  | 439.6  | 427.8  | 418.9  | 410.1  | 399.7  | 397.5  | 397.5  | 400.5  |
| 45°    | 487.5  | 440.3  | 411.5  | 388.7  | 382.0  | 375.4  | 368.8  | 364.3  | 362.9  | 359.9  | 362.1  |
| 47.5°  | 423.3  | 385.7  | 368.0  | 351.1  | 343.7  | 342.2  | 336.3  | 334.1  | 331.1  | 330.4  | 331.1  |
| 50°    | 369.5  | 345.9  | 329.7  | 320.1  | 314.9  | 312.7  | 309.8  | 305.3  | 303.9  | 307.5  | 306.1  |
| 52.5°  | 331.9  | 309.8  | 300.9  | 291.3  | 288.4  | 285.4  | 281.0  | 281.7  | 281.0  | 279.5  | 279.5  |
| 55°    | 294.3  | 280.3  | 271.4  | 264.0  | 263.3  | 260.3  | 256.7  | 255.2  | 254.4  | 253.0  | 255.2  |
| 57.5°  | 264.0  | 253.0  | 244.9  | 238.2  | 235.3  | 235.3  | 231.6  | 228.6  | 228.6  | 227.9  | 228.6  |
| 60°    | 233.8  | 222.7  | 217.6  | 210.9  | 208.7  | 208.0  | 205.8  | 204.3  | 202.1  | 202.1  | 202.1  |
| 62.5°  | 205.8  | 196.9  | 191.0  | 185.1  | 185.9  | 182.2  | 179.2  | 177.7  | 177.7  | 178.5  | 178.5  |
| 65°    | 179.2  | 173.3  | 165.9  | 160.8  | 159.3  | 158.6  | 157.1  | 156.4  | 154.1  | 155.6  | 155.6  |
| 67.5°  | 154.9  | 146.8  | 142.3  | 140.1  | 137.9  | 137.2  | 135.7  | 134.2  | 133.5  | 132.8  | 134.2  |
| 70°    | 130.5  | 123.9  | 120.2  | 118.7  | 116.5  | 115.8  | 115.1  | 112.8  | 113.6  | 114.3  | 115.1  |
| 72.5°  | 108.4  | 102.5  | 101.8  | 97.4   | 97.4   | 97.4   | 94.4   | 95.9   | 95.1   | 93.7   | 95.1   |
| 75°    | 85.6   | 82.6   | 81.1   | 78.9   | 79.7   | 78.9   | 78.2   | 76.0   | 76.0   | 76.7   | 77.4   |
| 77.5°  | 67.9   | 64.9   | 64.2   | 62.0   | 60.5   | 62.0   | 60.5   | 59.7   | 59.7   | 60.5   | 60.5   |
| 80°    | 50.2   | 48.7   | 46.5   | 46.5   | 46.5   | 45.7   | 45.7   | 45.7   | 45.0   | 44.3   | 45.0   |
| 82.5°  | 33.2   | 33.2   | 32.5   | 31.7   | 32.5   | 31.0   | 31.7   | 31.7   | 31.7   | 31.7   | 31.7   |
| 85°    | 21.4   | 20.7   | 20.7   | 19.9   | 19.9   | 19.9   | 20.7   | 19.2   | 19.2   | 19.9   | 19.9   |
| 87.5°  | 9.6    | 9.6    | 9.6    | 10.3   | 9.6    | 9.6    | 9.6    | 10.3   | 9.6    | 9.6    | 9.6    |
| 90°    | 44.4   | 43.8   | 43.3   | 42.7   | 42.4   | 42.5   | 42.8   | 43.1   | 43.4   | 43.7   | 43.4   |
| 92.5°  | 40.2   | 40.5   | 40.8   | 41.1   | 41.2   | 41.2   | 41.2   | 41.2   | 41.2   | 41.2   | 41.2   |
| 95°    | 82.3   | 82.3   | 82.3   | 82.3   | 82.3   | 82.0   | 81.4   | 80.9   | 80.3   | 79.7   | 80.3   |
| 97.5°  | 128.6  | 128.6  | 128.6  | 128.6  | 128.6  | 128.6  | 128.6  | 128.6  | 128.6  | 128.6  | 128.6  |
| 100°   | 177.5  | 177.5  | 177.5  | 177.5  | 177.5  | 177.4  | 177.1  | 176.8  | 176.5  | 176.2  | 176.5  |
| 102.5° | 230.5  | 230.8  | 231.1  | 231.4  | 231.5  | 231.4  | 231.1  | 230.8  | 230.5  | 230.2  | 230.5  |
| 105°   | 283.5  | 284.1  | 284.6  | 285.2  | 285.5  | 285.5  | 285.5  | 285.5  | 285.5  | 285.5  | 285.5  |
| 107.5° | 341.1  | 341.4  | 341.7  | 342.0  | 342.1  | 341.4  | 340.0  | 338.5  | 337.1  | 335.7  | 337.1  |
| 110°   | 400.0  | 400.0  | 400.0  | 400.0  | 400.0  | 399.6  | 398.7  | 397.8  | 397.0  | 396.1  | 397.0  |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 459.5  | 458.7  | 457.8  | 456.9  | 456.5  | 456.2  | 455.7  | 455.1  | 454.6  | 454.0  | 454.6  |
| 115°   | 519.3  | 519.0  | 518.7  | 518.4  | 518.3  | 517.9  | 517.0  | 516.1  | 515.3  | 514.4  | 515.3  |
| 117.5° | 577.9  | 577.0  | 576.2  | 575.3  | 574.9  | 574.5  | 573.6  | 572.7  | 571.9  | 571.0  | 571.9  |
| 120°   | 635.3  | 635.3  | 635.3  | 635.3  | 635.3  | 634.9  | 634.0  | 633.1  | 632.3  | 631.4  | 632.3  |
| 122.5° | 696.2  | 695.3  | 694.5  | 693.6  | 693.2  | 692.9  | 692.3  | 691.8  | 691.2  | 690.6  | 691.2  |
| 125°   | 755.3  | 754.5  | 753.6  | 752.7  | 752.3  | 752.2  | 751.9  | 751.6  | 751.3  | 751.0  | 751.3  |
| 127.5° | 812.9  | 811.8  | 810.6  | 809.5  | 808.9  | 808.5  | 807.6  | 806.8  | 805.9  | 805.1  | 805.9  |
| 130°   | 871.3  | 870.8  | 870.2  | 869.7  | 869.4  | 868.8  | 867.7  | 866.5  | 865.4  | 864.2  | 865.4  |
| 132.5° | 929.7  | 928.3  | 926.8  | 925.4  | 924.7  | 924.3  | 923.4  | 922.5  | 921.7  | 920.8  | 921.7  |
| 135°   | 984.8  | 984.5  | 984.2  | 983.9  | 983.8  | 983.4  | 982.5  | 981.7  | 980.8  | 980.0  | 980.8  |
| 137.5° | 1038.8 | 1038.5 | 1038.2 | 1037.9 | 1037.8 | 1037.2 | 1036.1 | 1035.0 | 1033.8 | 1032.7 | 1033.8 |
| 140°   | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1092.5 | 1091.4 | 1090.3 | 1089.1 | 1088.0 | 1089.1 |
| 142.5° | 1142.3 | 1142.6 | 1142.9 | 1143.2 | 1143.3 | 1142.7 | 1141.6 | 1140.4 | 1139.3 | 1138.1 | 1139.3 |
| 145°   | 1192.4 | 1192.7 | 1193.0 | 1193.3 | 1193.3 | 1192.8 | 1191.7 | 1190.6 | 1189.4 | 1188.3 | 1189.4 |
| 147.5° | 1236.5 | 1237.0 | 1237.6 | 1238.1 | 1238.4 | 1237.8 | 1236.7 | 1235.6 | 1234.4 | 1233.3 | 1234.4 |
| 150°   | 1277.9 | 1278.7 | 1279.6 | 1280.5 | 1280.9 | 1280.5 | 1279.6 | 1278.7 | 1277.9 | 1277.0 | 1277.9 |
| 152.5° | 1319.3 | 1320.5 | 1321.6 | 1322.7 | 1323.3 | 1322.7 | 1321.6 | 1320.5 | 1319.3 | 1318.2 | 1319.3 |
| 155°   | 1353.0 | 1354.4 | 1355.9 | 1357.3 | 1358.0 | 1357.6 | 1356.7 | 1355.9 | 1355.0 | 1354.2 | 1355.0 |
| 157.5° | 1385.8 | 1387.8 | 1389.8 | 1391.8 | 1392.8 | 1392.1 | 1390.6 | 1389.2 | 1387.7 | 1386.3 | 1387.7 |
| 160°   | 1415.0 | 1416.8 | 1418.5 | 1420.2 | 1421.1 | 1420.5 | 1419.4 | 1418.2 | 1417.1 | 1415.9 | 1417.1 |
| 162.5° | 1441.1 | 1443.1 | 1445.1 | 1447.1 | 1448.1 | 1447.4 | 1445.9 | 1444.5 | 1443.0 | 1441.6 | 1443.0 |
| 165°   | 1462.9 | 1464.9 | 1466.9 | 1468.9 | 1469.9 | 1469.2 | 1467.8 | 1466.3 | 1464.9 | 1463.5 | 1464.9 |
| 167.5° | 1482.2 | 1484.2 | 1486.2 | 1488.2 | 1489.2 | 1488.5 | 1487.1 | 1485.6 | 1484.2 | 1482.8 | 1484.2 |
| 170°   | 1497.7 | 1499.7 | 1501.7 | 1503.7 | 1504.7 | 1503.8 | 1502.1 | 1500.4 | 1498.6 | 1496.9 | 1498.6 |
| 172.5° | 1509.2 | 1511.2 | 1513.2 | 1515.2 | 1516.2 | 1515.3 | 1513.6 | 1511.9 | 1510.2 | 1508.5 | 1510.2 |
| 175°   | 1516.9 | 1518.9 | 1520.9 | 1522.9 | 1523.9 | 1523.0 | 1521.3 | 1519.6 | 1517.9 | 1516.2 | 1517.9 |
| 177.5° | 1521.8 | 1523.5 | 1525.2 | 1526.9 | 1527.8 | 1526.9 | 1525.2 | 1523.5 | 1521.8 | 1520.1 | 1521.8 |
| 180°   | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  |
| 2.5°   | 1017.1 | 1011.9 | 1007.5 | 1008.2 | 1011.9 | 1008.9 | 1001.6 | 992.0  | 988.3  | 983.9  | 988.3  |
| 5°     | 1078.3 | 1073.8 | 1065.0 | 1065.7 | 1063.5 | 1060.6 | 1048.8 | 1034.0 | 1034.0 | 1022.2 | 1020.7 |
| 7.5°   | 1138.7 | 1132.1 | 1126.2 | 1124.7 | 1116.6 | 1110.7 | 1100.4 | 1079.7 | 1071.6 | 1057.6 | 1049.5 |
| 10°    | 1206.6 | 1201.4 | 1194.8 | 1186.7 | 1182.3 | 1171.9 | 1155.0 | 1124.7 | 1110.0 | 1090.8 | 1076.8 |
| 12.5°  | 1275.2 | 1274.4 | 1259.7 | 1243.5 | 1242.7 | 1226.5 | 1214.7 | 1174.1 | 1154.2 | 1128.4 | 1095.2 |
| 15°    | 1318.7 | 1315.0 | 1306.9 | 1298.8 | 1301.0 | 1283.3 | 1256.7 | 1208.8 | 1195.5 | 1164.6 | 1129.2 |
| 17.5°  | 1318.0 | 1318.0 | 1315.7 | 1314.3 | 1312.1 | 1306.9 | 1292.1 | 1260.4 | 1239.0 | 1200.0 | 1166.8 |
| 20°    | 1275.9 | 1285.5 | 1287.7 | 1287.0 | 1294.4 | 1298.0 | 1297.3 | 1277.4 | 1260.4 | 1225.8 | 1191.8 |
| 22.5°  | 1191.8 | 1214.0 | 1223.6 | 1229.5 | 1244.9 | 1253.1 | 1272.2 | 1264.9 | 1260.4 | 1234.6 | 1205.9 |
| 25°    | 1113.7 | 1121.0 | 1149.8 | 1151.3 | 1172.7 | 1192.6 | 1211.8 | 1224.3 | 1240.5 | 1230.9 | 1206.6 |
| 27.5°  | 1012.6 | 1029.6 | 1050.2 | 1065.7 | 1070.2 | 1110.7 | 1142.4 | 1166.0 | 1202.9 | 1205.9 | 1197.7 |
| 30°    | 898.3  | 906.4  | 940.3  | 961.0  | 984.6  | 1014.1 | 1059.8 | 1100.4 | 1133.6 | 1163.8 | 1174.1 |
| 32.5°  | 758.9  | 792.1  | 812.0  | 837.1  | 857.7  | 910.1  | 966.2  | 1018.5 | 1056.9 | 1107.8 | 1129.9 |
| 35°    | 631.3  | 657.1  | 691.1  | 701.4  | 739.0  | 783.3  | 856.3  | 923.4  | 981.6  | 1033.3 | 1078.3 |
| 37.5°  | 525.9  | 546.5  | 582.6  | 598.9  | 621.0  | 677.8  | 739.0  | 822.3  | 892.4  | 955.8  | 1011.9 |
| 40°    | 453.6  | 469.1  | 496.4  | 501.5  | 520.0  | 571.6  | 621.0  | 699.2  | 792.1  | 877.7  | 938.9  |
| 42.5°  | 404.2  | 411.5  | 430.0  | 436.6  | 448.4  | 483.1  | 527.3  | 601.1  | 687.4  | 775.9  | 862.2  |
| 45°    | 368.8  | 373.9  | 385.0  | 390.9  | 405.6  | 421.1  | 457.3  | 516.3  | 584.1  | 673.4  | 766.3  |
| 47.5°  | 337.0  | 343.7  | 348.1  | 351.8  | 359.9  | 376.9  | 400.5  | 444.0  | 508.9  | 590.8  | 680.7  |
| 50°    | 310.5  | 312.7  | 320.8  | 321.6  | 326.7  | 337.8  | 359.9  | 386.5  | 438.1  | 504.5  | 591.5  |
| 52.5°  | 283.9  | 286.2  | 291.3  | 296.5  | 298.7  | 307.5  | 322.3  | 344.4  | 382.8  | 435.1  | 512.6  |
| 55°    | 257.4  | 260.3  | 265.5  | 269.2  | 271.4  | 278.8  | 287.6  | 309.0  | 339.3  | 376.1  | 439.6  |
| 57.5°  | 230.8  | 237.5  | 239.0  | 241.2  | 244.9  | 253.0  | 261.1  | 273.6  | 297.2  | 331.1  | 377.6  |
| 60°    | 205.8  | 208.0  | 213.1  | 215.4  | 219.0  | 223.5  | 233.8  | 243.4  | 260.3  | 286.9  | 328.9  |
| 62.5°  | 180.0  | 185.1  | 187.3  | 189.5  | 192.5  | 197.7  | 204.3  | 214.6  | 229.4  | 250.8  | 283.9  |
| 65°    | 157.8  | 158.6  | 163.0  | 165.9  | 168.9  | 172.6  | 179.2  | 188.8  | 197.7  | 217.6  | 241.9  |
| 67.5°  | 136.4  | 137.9  | 139.4  | 142.3  | 146.0  | 149.7  | 155.6  | 160.8  | 171.8  | 185.1  | 204.3  |
| 70°    | 115.8  | 115.8  | 119.5  | 121.7  | 121.0  | 125.4  | 129.8  | 135.7  | 143.8  | 156.4  | 171.8  |
| 72.5°  | 97.4   | 96.6   | 99.6   | 100.3  | 101.8  | 104.7  | 107.7  | 113.6  | 118.0  | 127.6  | 139.4  |
| 75°    | 77.4   | 78.9   | 80.4   | 80.4   | 82.6   | 84.8   | 87.8   | 90.7   | 95.9   | 101.8  | 110.6  |
| 77.5°  | 61.2   | 61.2   | 62.7   | 63.4   | 65.6   | 64.9   | 67.9   | 70.8   | 74.5   | 79.7   | 86.3   |
| 80°    | 45.0   | 46.5   | 46.5   | 46.5   | 47.2   | 47.9   | 50.9   | 53.1   | 55.3   | 59.0   | 62.0   |
| 82.5°  | 31.7   | 31.7   | 33.2   | 33.2   | 33.2   | 34.7   | 34.7   | 35.4   | 36.9   | 39.1   | 41.3   |
| 85°    | 19.9   | 19.9   | 19.9   | 20.7   | 19.9   | 20.7   | 22.1   | 21.4   | 22.1   | 23.6   | 23.6   |
| 87.5°  | 9.6    | 9.6    | 9.6    | 9.6    | 9.6    | 10.3   | 9.6    | 10.3   | 11.1   | 11.1   | 11.1   |
| 90°    | 43.1   | 42.8   | 42.5   | 42.4   | 42.7   | 43.3   | 43.8   | 44.4   | 45.0   | 38.7   | 32.4   |
| 92.5°  | 41.2   | 41.2   | 41.2   | 41.2   | 41.1   | 40.8   | 40.5   | 40.2   | 39.9   | 39.6   | 39.3   |
| 95°    | 80.9   | 81.4   | 82.0   | 82.3   | 82.3   | 82.3   | 82.3   | 82.3   | 82.3   | 81.7   | 81.1   |
| 97.5°  | 128.6  | 128.6  | 128.6  | 128.6  | 128.6  | 128.6  | 128.6  | 128.6  | 128.6  | 127.5  | 126.3  |
| 100°   | 176.8  | 177.1  | 177.4  | 177.5  | 177.5  | 177.5  | 177.5  | 177.5  | 177.5  | 176.6  | 175.8  |
| 102.5° | 230.8  | 231.1  | 231.4  | 231.5  | 231.4  | 231.1  | 230.8  | 230.5  | 230.2  | 229.1  | 227.9  |
| 105°   | 285.5  | 285.5  | 285.5  | 285.5  | 285.2  | 284.6  | 284.1  | 283.5  | 282.9  | 282.3  | 281.8  |
| 107.5° | 338.5  | 340.0  | 341.4  | 342.1  | 342.0  | 341.7  | 341.4  | 341.1  | 340.8  | 340.8  | 340.8  |
| 110°   | 397.8  | 398.7  | 399.6  | 400.0  | 400.0  | 400.0  | 400.0  | 400.0  | 400.0  | 400.0  | 400.0  |

TEST NUMBER: P1029448

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 455.1  | 455.7  | 456.2  | 456.5  | 456.9  | 457.8  | 458.7  | 459.5  | 460.4  | 460.7  | 461.0  |
| 115°   | 516.1  | 517.0  | 517.9  | 518.3  | 518.4  | 518.7  | 519.0  | 519.3  | 519.6  | 520.2  | 520.7  |
| 117.5° | 572.7  | 573.6  | 574.5  | 574.9  | 575.3  | 576.2  | 577.0  | 577.9  | 578.7  | 580.1  | 581.5  |
| 120°   | 633.1  | 634.0  | 634.9  | 635.3  | 635.3  | 635.3  | 635.3  | 635.3  | 635.3  | 637.6  | 639.9  |
| 122.5° | 691.8  | 692.3  | 692.9  | 693.2  | 693.6  | 694.5  | 695.3  | 696.2  | 697.0  | 698.4  | 699.9  |
| 125°   | 751.6  | 751.9  | 752.2  | 752.3  | 752.7  | 753.6  | 754.5  | 755.3  | 756.2  | 757.0  | 757.9  |
| 127.5° | 806.8  | 807.6  | 808.5  | 808.9  | 809.5  | 810.6  | 811.8  | 812.9  | 814.1  | 815.2  | 816.4  |
| 130°   | 866.5  | 867.7  | 868.8  | 869.4  | 869.7  | 870.2  | 870.8  | 871.3  | 871.9  | 872.5  | 873.1  |
| 132.5° | 922.5  | 923.4  | 924.3  | 924.7  | 925.4  | 926.8  | 928.3  | 929.7  | 931.1  | 930.8  | 930.5  |
| 135°   | 981.7  | 982.5  | 983.4  | 983.8  | 983.9  | 984.2  | 984.5  | 984.8  | 985.1  | 984.5  | 983.9  |
| 137.5° | 1035.0 | 1036.1 | 1037.2 | 1037.8 | 1037.9 | 1038.2 | 1038.5 | 1038.8 | 1039.1 | 1038.5 | 1037.9 |
| 140°   | 1090.3 | 1091.4 | 1092.5 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1091.7 | 1090.3 |
| 142.5° | 1140.4 | 1141.6 | 1142.7 | 1143.3 | 1143.2 | 1142.9 | 1142.6 | 1142.3 | 1142.0 | 1141.1 | 1140.3 |
| 145°   | 1190.6 | 1191.7 | 1192.8 | 1193.4 | 1193.3 | 1193.0 | 1192.7 | 1192.4 | 1192.1 | 1190.4 | 1188.7 |
| 147.5° | 1235.6 | 1236.7 | 1237.8 | 1238.4 | 1238.1 | 1237.6 | 1237.0 | 1236.5 | 1235.9 | 1234.7 | 1233.6 |
| 150°   | 1278.7 | 1279.6 | 1280.5 | 1280.9 | 1280.5 | 1279.6 | 1278.7 | 1277.9 | 1277.0 | 1275.9 | 1274.7 |
| 152.5° | 1320.5 | 1321.6 | 1322.7 | 1323.3 | 1322.7 | 1321.6 | 1320.5 | 1319.3 | 1318.2 | 1316.8 | 1315.4 |
| 155°   | 1355.9 | 1356.7 | 1357.6 | 1358.0 | 1357.3 | 1355.9 | 1354.4 | 1353.0 | 1351.6 | 1350.8 | 1349.9 |
| 157.5° | 1389.2 | 1390.6 | 1392.1 | 1392.8 | 1391.8 | 1389.8 | 1387.8 | 1385.8 | 1383.8 | 1383.2 | 1382.6 |
| 160°   | 1418.2 | 1419.4 | 1420.5 | 1421.1 | 1420.2 | 1418.5 | 1416.8 | 1415.0 | 1413.3 | 1413.0 | 1412.8 |
| 162.5° | 1444.5 | 1445.9 | 1447.4 | 1448.1 | 1447.1 | 1445.1 | 1443.1 | 1441.1 | 1439.1 | 1438.8 | 1438.5 |
| 165°   | 1466.3 | 1467.8 | 1469.2 | 1469.9 | 1468.9 | 1466.9 | 1464.9 | 1462.9 | 1460.9 | 1460.9 | 1460.9 |
| 167.5° | 1485.6 | 1487.1 | 1488.5 | 1489.2 | 1488.2 | 1486.2 | 1484.2 | 1482.2 | 1480.2 | 1480.2 | 1480.2 |
| 170°   | 1500.4 | 1502.1 | 1503.8 | 1504.7 | 1503.7 | 1501.7 | 1499.7 | 1497.7 | 1495.7 | 1496.0 | 1496.2 |
| 172.5° | 1511.9 | 1513.6 | 1515.3 | 1516.2 | 1515.2 | 1513.2 | 1511.2 | 1509.2 | 1507.2 | 1507.5 | 1507.8 |
| 175°   | 1519.6 | 1521.3 | 1523.0 | 1523.9 | 1522.9 | 1520.9 | 1518.9 | 1516.9 | 1514.9 | 1515.5 | 1516.1 |
| 177.5° | 1523.5 | 1525.2 | 1526.9 | 1527.8 | 1526.9 | 1525.2 | 1523.5 | 1521.8 | 1520.1 | 1520.7 | 1521.3 |
| 180°   | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 |

TEST NUMBER: P1029448

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A1\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0°     | 959.5  | 959.5  | 959.5  | 959.5  | 959.5  | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 |
| 2.5°   | 984.6  | 980.9  | 978.7  | 980.2  | 975.7  | 964.7 | 964.7 | 968.4 | 963.9 | 959.5 | 952.9 |
| 5°     | 1011.9 | 1004.5 | 1000.1 | 999.3  | 989.0  | 971.3 | 967.6 | 963.9 | 954.4 | 944.0 | 933.0 |
| 7.5°   | 1038.4 | 1025.2 | 1017.8 | 1012.6 | 997.9  | 975.0 | 965.4 | 957.3 | 941.8 | 926.3 | 912.3 |
| 10°    | 1060.6 | 1041.4 | 1032.5 | 1024.4 | 1005.2 | 976.5 | 961.0 | 946.2 | 926.3 | 906.4 | 888.7 |
| 12.5°  | 1078.3 | 1056.1 | 1045.1 | 1033.3 | 1009.7 | 972.1 | 952.9 | 929.3 | 909.4 | 882.8 | 865.1 |
| 15°    | 1107.8 | 1062.0 | 1051.7 | 1040.7 | 1016.3 | 964.7 | 941.1 | 914.5 | 887.2 | 851.8 | 832.7 |
| 17.5°  | 1131.4 | 1070.2 | 1069.4 | 1045.8 | 1014.1 | 961.7 | 925.6 | 890.9 | 861.4 | 826.0 | 795.8 |
| 20°    | 1145.4 | 1082.7 | 1070.9 | 1046.6 | 1006.7 | 941.8 | 904.2 | 865.9 | 834.1 | 791.4 | 761.1 |
| 22.5°  | 1157.2 | 1100.4 | 1069.4 | 1039.9 | 991.2  | 935.2 | 879.9 | 843.7 | 800.2 | 753.8 | 725.0 |
| 25°    | 1161.6 | 1104.1 | 1071.6 | 1037.7 | 980.2  | 916.0 | 853.3 | 814.2 | 765.6 | 723.5 | 684.4 |
| 27.5°  | 1162.3 | 1103.3 | 1063.5 | 1028.1 | 964.7  | 890.9 | 826.8 | 785.5 | 731.6 | 683.0 | 643.9 |
| 30°    | 1155.0 | 1095.2 | 1059.1 | 1020.7 | 949.9  | 868.1 | 794.3 | 748.6 | 691.1 | 642.4 | 601.8 |
| 32.5°  | 1132.8 | 1079.0 | 1049.5 | 1007.5 | 930.8  | 836.4 | 763.3 | 712.5 | 652.0 | 604.0 | 564.9 |
| 35°    | 1096.0 | 1059.1 | 1026.6 | 987.5  | 905.7  | 806.9 | 732.4 | 672.6 | 611.4 | 565.7 | 528.8 |
| 37.5°  | 1050.2 | 1030.3 | 1000.1 | 961.7  | 876.9  | 780.3 | 697.7 | 631.3 | 570.1 | 525.9 | 489.7 |
| 40°    | 988.3  | 993.4  | 963.9  | 929.3  | 843.0  | 744.2 | 652.7 | 589.3 | 531.8 | 490.5 | 455.1 |
| 42.5°  | 921.2  | 942.6  | 925.6  | 892.4  | 805.4  | 704.3 | 619.5 | 549.5 | 493.4 | 450.6 | 421.1 |
| 45°    | 848.9  | 885.8  | 875.4  | 851.1  | 766.3  | 662.3 | 572.3 | 504.5 | 455.1 | 413.8 | 387.9 |
| 47.5°  | 770.0  | 822.3  | 822.3  | 804.6  | 722.8  | 620.3 | 531.8 | 462.4 | 413.8 | 384.3 | 359.2 |
| 50°    | 689.6  | 748.6  | 758.2  | 746.4  | 674.1  | 572.3 | 482.3 | 419.7 | 377.6 | 348.9 | 330.4 |
| 52.5°  | 605.5  | 674.1  | 691.8  | 685.9  | 622.5  | 526.6 | 441.8 | 380.6 | 342.2 | 317.1 | 300.9 |
| 55°    | 525.1  | 604.8  | 623.9  | 626.2  | 567.2  | 476.4 | 396.8 | 343.0 | 306.1 | 289.1 | 275.1 |
| 57.5°  | 449.2  | 525.9  | 547.2  | 550.9  | 511.1  | 430.7 | 354.8 | 307.5 | 274.4 | 260.3 | 249.3 |
| 60°    | 384.3  | 448.4  | 476.4  | 484.6  | 449.9  | 377.6 | 315.7 | 269.9 | 244.9 | 231.6 | 221.3 |
| 62.5°  | 331.1  | 382.8  | 412.3  | 414.5  | 399.0  | 331.1 | 275.1 | 236.7 | 215.4 | 203.6 | 198.4 |
| 65°    | 279.5  | 326.0  | 343.7  | 352.5  | 340.0  | 286.9 | 237.5 | 205.8 | 188.8 | 178.5 | 173.3 |
| 67.5°  | 238.2  | 267.7  | 282.5  | 294.3  | 281.7  | 241.9 | 202.1 | 176.3 | 163.7 | 153.4 | 150.5 |
| 70°    | 195.4  | 219.8  | 230.8  | 242.6  | 231.6  | 201.3 | 172.6 | 149.0 | 137.9 | 129.8 | 126.1 |
| 72.5°  | 156.4  | 175.5  | 185.9  | 193.2  | 186.6  | 161.5 | 137.9 | 121.7 | 113.6 | 107.7 | 105.5 |
| 75°    | 123.9  | 137.2  | 143.1  | 148.2  | 145.3  | 126.1 | 111.4 | 98.1  | 90.7  | 85.6  | 84.1  |
| 77.5°  | 94.4   | 104.0  | 110.6  | 112.1  | 108.4  | 95.9  | 83.3  | 75.2  | 69.3  | 66.4  | 64.9  |
| 80°    | 67.1   | 73.0   | 76.7   | 78.9   | 75.2   | 70.1  | 61.2  | 55.3  | 50.2  | 46.5  | 45.7  |
| 82.5°  | 45.0   | 47.9   | 50.9   | 50.2   | 48.7   | 44.3  | 39.1  | 36.1  | 33.9  | 31.0  | 31.0  |
| 85°    | 25.8   | 26.6   | 28.0   | 28.8   | 28.0   | 25.1  | 22.1  | 20.7  | 19.2  | 17.0  | 17.0  |
| 87.5°  | 11.1   | 11.8   | 11.8   | 12.5   | 11.1   | 11.1  | 9.6   | 8.1   | 8.1   | 7.4   | 6.6   |
| 90°    | 26.1   | 19.8   | 16.7   | 15.0   | 11.6   | 8.1   | 4.7   | 1.3   | 4.7   | 8.1   | 11.6  |
| 92.5°  | 39.0   | 38.7   | 38.6   | 37.5   | 35.2   | 32.9  | 30.6  | 28.3  | 30.6  | 32.9  | 35.2  |
| 95°    | 80.6   | 80.0   | 79.7   | 78.3   | 75.4   | 72.6  | 69.7  | 66.9  | 69.7  | 72.6  | 75.4  |
| 97.5°  | 125.2  | 124.1  | 123.5  | 122.2  | 119.6  | 117.1 | 114.5 | 111.9 | 114.5 | 117.1 | 119.6 |
| 100°   | 174.9  | 174.0  | 173.6  | 172.5  | 170.2  | 167.9 | 165.6 | 163.3 | 165.6 | 167.9 | 170.2 |
| 102.5° | 226.8  | 225.7  | 225.1  | 224.2  | 222.5  | 220.8 | 219.0 | 217.3 | 219.0 | 220.8 | 222.5 |
| 105°   | 281.2  | 280.7  | 280.4  | 280.0  | 279.1  | 278.2 | 277.4 | 276.5 | 277.4 | 278.2 | 279.1 |
| 107.5° | 340.8  | 340.8  | 340.8  | 340.2  | 339.1  | 338.0 | 336.8 | 335.7 | 336.8 | 338.0 | 339.1 |
| 110°   | 400.0  | 400.0  | 400.0  | 399.1  | 397.4  | 395.7 | 393.9 | 392.2 | 393.9 | 395.7 | 397.4 |

TEST NUMBER: P1029448

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A1\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 461.3  | 461.6  | 461.7  | 460.8  | 459.1  | 457.4  | 455.7  | 454.0  | 455.7  | 457.4  | 459.1  |
| 115°   | 521.3  | 521.8  | 522.1  | 521.2  | 519.5  | 517.8  | 516.1  | 514.4  | 516.1  | 517.8  | 519.5  |
| 117.5° | 583.0  | 584.4  | 585.1  | 584.0  | 581.7  | 579.4  | 577.2  | 574.9  | 577.2  | 579.4  | 581.7  |
| 120°   | 642.2  | 644.5  | 645.6  | 644.5  | 642.2  | 639.9  | 637.6  | 635.3  | 637.6  | 639.9  | 642.2  |
| 122.5° | 701.3  | 702.8  | 703.5  | 702.1  | 699.2  | 696.3  | 693.5  | 690.6  | 693.5  | 696.3  | 699.2  |
| 125°   | 758.7  | 759.6  | 760.0  | 758.7  | 756.2  | 753.6  | 751.1  | 748.5  | 751.1  | 753.6  | 756.2  |
| 127.5° | 817.5  | 818.6  | 819.2  | 817.6  | 814.5  | 811.4  | 808.2  | 805.1  | 808.2  | 811.4  | 814.5  |
| 130°   | 873.6  | 874.2  | 874.5  | 872.6  | 868.9  | 865.2  | 861.5  | 857.8  | 861.5  | 865.2  | 868.9  |
| 132.5° | 930.2  | 929.9  | 929.8  | 928.4  | 925.5  | 922.6  | 919.8  | 916.9  | 919.8  | 922.6  | 925.5  |
| 135°   | 983.4  | 982.8  | 982.5  | 980.9  | 977.8  | 974.7  | 971.5  | 968.4  | 971.5  | 974.7  | 977.8  |
| 137.5° | 1037.4 | 1036.8 | 1036.5 | 1035.2 | 1032.7 | 1030.1 | 1027.6 | 1025.0 | 1027.6 | 1030.1 | 1032.7 |
| 140°   | 1088.8 | 1087.4 | 1086.7 | 1085.4 | 1082.8 | 1080.3 | 1077.7 | 1075.1 | 1077.7 | 1080.3 | 1082.8 |
| 142.5° | 1139.4 | 1138.5 | 1138.1 | 1136.8 | 1134.3 | 1131.7 | 1129.2 | 1126.6 | 1129.2 | 1131.7 | 1134.3 |
| 145°   | 1187.0 | 1185.3 | 1184.4 | 1183.4 | 1181.4 | 1179.4 | 1177.4 | 1175.4 | 1177.4 | 1179.4 | 1181.4 |
| 147.5° | 1232.4 | 1231.3 | 1230.7 | 1229.4 | 1226.9 | 1224.3 | 1221.8 | 1219.2 | 1221.8 | 1224.3 | 1226.9 |
| 150°   | 1273.6 | 1272.5 | 1271.9 | 1271.0 | 1269.3 | 1267.6 | 1265.9 | 1264.2 | 1265.9 | 1267.6 | 1269.3 |
| 152.5° | 1313.9 | 1312.5 | 1311.8 | 1310.9 | 1309.2 | 1307.5 | 1305.7 | 1304.0 | 1305.7 | 1307.5 | 1309.2 |
| 155°   | 1349.1 | 1348.2 | 1347.8 | 1347.4 | 1346.5 | 1345.6 | 1344.8 | 1343.9 | 1344.8 | 1345.6 | 1346.5 |
| 157.5° | 1382.1 | 1381.5 | 1381.2 | 1380.9 | 1380.3 | 1379.8 | 1379.2 | 1378.6 | 1379.2 | 1379.8 | 1380.3 |
| 160°   | 1412.5 | 1412.2 | 1412.1 | 1411.8 | 1411.2 | 1410.7 | 1410.1 | 1409.5 | 1410.1 | 1410.7 | 1411.2 |
| 162.5° | 1438.2 | 1437.9 | 1437.8 | 1437.8 | 1437.8 | 1437.8 | 1437.8 | 1437.8 | 1437.8 | 1437.8 | 1437.8 |
| 165°   | 1460.9 | 1460.9 | 1460.9 | 1461.0 | 1461.3 | 1461.6 | 1461.9 | 1462.2 | 1461.9 | 1461.6 | 1461.3 |
| 167.5° | 1480.2 | 1480.2 | 1480.2 | 1480.6 | 1481.5 | 1482.4 | 1483.2 | 1484.1 | 1483.2 | 1482.4 | 1481.5 |
| 170°   | 1496.5 | 1496.8 | 1496.9 | 1497.3 | 1498.2 | 1499.1 | 1499.9 | 1500.8 | 1499.9 | 1499.1 | 1498.2 |
| 172.5° | 1508.1 | 1508.4 | 1508.5 | 1508.9 | 1509.8 | 1510.7 | 1511.5 | 1512.4 | 1511.5 | 1510.7 | 1509.8 |
| 175°   | 1516.6 | 1517.2 | 1517.5 | 1517.9 | 1518.8 | 1519.7 | 1520.5 | 1521.4 | 1520.5 | 1519.7 | 1518.8 |
| 177.5° | 1521.8 | 1522.4 | 1522.7 | 1523.1 | 1524.0 | 1524.8 | 1525.7 | 1526.5 | 1525.7 | 1524.8 | 1524.0 |
| 180°   | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 |

TEST NUMBER: P1029448

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**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 959.5 | 959.5  | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 |
| 2.5°   | 949.2 | 952.9  | 952.1 | 944.8 | 936.7 | 930.0 | 917.5 | 919.0 | 914.5 | 915.3 | 919.7 |
| 5°     | 925.6 | 925.6  | 922.6 | 912.3 | 899.0 | 891.7 | 877.7 | 874.0 | 865.1 | 864.4 | 863.6 |
| 7.5°   | 900.5 | 896.8  | 893.1 | 878.4 | 862.2 | 850.4 | 831.2 | 826.8 | 817.9 | 812.0 | 809.1 |
| 10°    | 871.0 | 865.9  | 858.5 | 841.5 | 821.6 | 806.9 | 786.9 | 781.0 | 764.1 | 756.7 | 752.3 |
| 12.5°  | 838.6 | 835.6  | 823.8 | 809.8 | 777.4 | 761.1 | 732.4 | 738.3 | 721.3 | 706.6 | 704.3 |
| 15°    | 806.1 | 795.1  | 788.4 | 765.6 | 726.5 | 719.1 | 696.2 | 684.4 | 668.9 | 657.1 | 657.1 |
| 17.5°  | 774.4 | 757.4  | 742.7 | 718.4 | 689.6 | 668.9 | 652.0 | 646.1 | 626.9 | 615.1 | 612.9 |
| 20°    | 732.4 | 713.2  | 709.5 | 674.8 | 654.9 | 632.1 | 615.8 | 601.1 | 587.1 | 581.9 | 578.2 |
| 22.5°  | 692.5 | 670.4  | 664.5 | 635.0 | 615.1 | 592.2 | 576.0 | 565.7 | 555.4 | 551.7 | 545.0 |
| 25°    | 649.8 | 636.5  | 627.6 | 595.9 | 573.8 | 552.4 | 541.3 | 534.0 | 524.4 | 523.6 | 519.2 |
| 27.5°  | 608.5 | 595.9  | 587.1 | 556.8 | 540.6 | 520.7 | 511.8 | 503.7 | 498.6 | 496.4 | 494.1 |
| 30°    | 573.1 | 559.0  | 548.7 | 526.6 | 506.7 | 490.5 | 483.1 | 477.9 | 475.0 | 471.3 | 470.5 |
| 32.5°  | 534.0 | 525.9  | 511.8 | 494.9 | 479.4 | 463.9 | 459.5 | 455.8 | 451.4 | 449.9 | 449.2 |
| 35°    | 500.8 | 489.7  | 480.9 | 461.7 | 455.1 | 441.8 | 436.6 | 433.7 | 427.8 | 426.3 | 424.8 |
| 37.5°  | 468.3 | 458.0  | 448.4 | 436.6 | 424.1 | 416.7 | 413.8 | 409.3 | 406.4 | 407.1 | 405.6 |
| 40°    | 435.9 | 427.8  | 420.4 | 407.9 | 400.5 | 396.8 | 390.9 | 386.5 | 385.0 | 385.7 | 385.0 |
| 42.5°  | 404.2 | 396.8  | 392.4 | 382.8 | 375.4 | 371.7 | 368.0 | 363.6 | 365.8 | 365.8 | 368.0 |
| 45°    | 375.4 | 368.8  | 365.8 | 358.4 | 354.0 | 348.1 | 344.4 | 343.7 | 346.6 | 345.9 | 345.9 |
| 47.5°  | 345.9 | 343.7  | 340.0 | 333.4 | 327.5 | 323.8 | 323.0 | 323.0 | 326.0 | 327.5 | 326.7 |
| 50°    | 323.0 | 318.6  | 314.2 | 309.0 | 304.6 | 303.1 | 300.9 | 302.4 | 305.3 | 305.3 | 306.8 |
| 52.5°  | 294.3 | 291.3  | 289.8 | 285.4 | 282.5 | 282.5 | 282.5 | 283.2 | 285.4 | 287.6 | 286.9 |
| 55°    | 269.2 | 267.0  | 265.5 | 263.3 | 259.6 | 260.3 | 259.6 | 261.1 | 263.3 | 265.5 | 267.0 |
| 57.5°  | 242.6 | 241.9  | 240.4 | 236.7 | 236.7 | 236.0 | 238.2 | 239.0 | 242.6 | 244.1 | 246.3 |
| 60°    | 219.0 | 216.8  | 216.8 | 213.9 | 213.9 | 213.9 | 216.1 | 218.3 | 221.3 | 222.0 | 223.5 |
| 62.5°  | 194.0 | 194.0  | 193.2 | 191.0 | 191.0 | 193.2 | 194.0 | 196.9 | 198.4 | 198.4 | 200.6 |
| 65°    | 170.4 | 169.6  | 168.9 | 169.6 | 170.4 | 170.4 | 172.6 | 174.1 | 175.5 | 176.3 | 177.0 |
| 67.5°  | 146.8 | 146.0  | 147.5 | 146.8 | 148.2 | 151.2 | 150.5 | 152.7 | 154.9 | 154.9 | 155.6 |
| 70°    | 124.6 | 126.1  | 125.4 | 126.9 | 126.1 | 127.6 | 129.8 | 130.5 | 130.5 | 131.3 | 133.5 |
| 72.5°  | 104.0 | 104.0  | 104.0 | 103.3 | 104.0 | 105.5 | 106.9 | 107.7 | 109.2 | 109.9 | 112.1 |
| 75°    | 84.1  | 84.1   | 82.6  | 84.1  | 84.1  | 85.6  | 87.0  | 87.0  | 87.0  | 88.5  | 90.7  |
| 77.5°  | 63.4  | 64.2   | 63.4  | 64.9  | 64.9  | 65.6  | 67.1  | 66.4  | 67.9  | 68.6  | 69.3  |
| 80°    | 46.5  | 45.7   | 45.7  | 45.7  | 46.5  | 46.5  | 47.9  | 48.7  | 48.7  | 50.9  | 49.4  |
| 82.5°  | 29.5  | 30.2   | 29.5  | 30.2  | 30.2  | 31.0  | 30.2  | 31.0  | 31.7  | 33.2  | 32.5  |
| 85°    | 17.0  | 16.2   | 16.2  | 17.0  | 16.2  | 16.2  | 17.0  | 16.2  | 17.0  | 16.2  | 17.0  |
| 87.5°  | 6.6   | 5.9    | 5.9   | 5.9   | 5.9   | 5.2   | 5.2   | 4.4   | 4.4   | 4.4   | 3.7   |
| 90°    | 15.0  | 16.7   | 19.8  | 26.1  | 32.4  | 38.7  | 45.0  | 44.4  | 43.8  | 43.3  | 42.7  |
| 92.5°  | 37.5  | 38.6   | 38.7  | 39.0  | 39.3  | 39.6  | 39.9  | 40.2  | 40.5  | 40.8  | 41.1  |
| 95°    | 78.3  | 79.7   | 80.0  | 80.6  | 81.1  | 81.7  | 82.3  | 82.3  | 82.3  | 82.3  | 82.3  |
| 97.5°  | 122.2 | 123.5  | 124.1 | 125.2 | 126.3 | 127.5 | 128.6 | 128.6 | 128.6 | 128.6 | 128.6 |
| 100°   | 172.5 | 173.6  | 174.0 | 174.9 | 175.8 | 176.6 | 177.5 | 177.5 | 177.5 | 177.5 | 177.5 |
| 102.5° | 224.2 | 225.1  | 225.7 | 226.8 | 227.9 | 229.1 | 230.2 | 230.5 | 230.8 | 231.1 | 231.4 |
| 105°   | 280.0 | 280.4  | 280.7 | 281.2 | 281.8 | 282.3 | 282.9 | 283.5 | 284.1 | 284.6 | 285.2 |
| 107.5° | 340.2 | 340.8  | 340.8 | 340.8 | 340.8 | 340.8 | 340.8 | 341.1 | 341.4 | 341.7 | 342.0 |
| 110°   | 399.1 | 400.0  | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 460.8  | 461.7  | 461.6  | 461.3  | 461.0  | 460.7  | 460.4  | 459.5  | 458.7  | 457.8  | 456.9  |
| 115°   | 521.2  | 522.1  | 521.8  | 521.3  | 520.7  | 520.2  | 519.6  | 519.3  | 519.0  | 518.7  | 518.4  |
| 117.5° | 584.0  | 585.1  | 584.4  | 583.0  | 581.5  | 580.1  | 578.7  | 577.9  | 577.0  | 576.2  | 575.3  |
| 120°   | 644.5  | 645.6  | 644.5  | 642.2  | 639.9  | 637.6  | 635.3  | 635.3  | 635.3  | 635.3  | 635.3  |
| 122.5° | 702.1  | 703.5  | 702.8  | 701.3  | 699.9  | 698.4  | 697.0  | 696.2  | 695.3  | 694.5  | 693.6  |
| 125°   | 758.7  | 760.0  | 759.6  | 758.7  | 757.9  | 757.0  | 756.2  | 755.3  | 754.5  | 753.6  | 752.7  |
| 127.5° | 817.6  | 819.2  | 818.6  | 817.5  | 816.4  | 815.2  | 814.1  | 812.9  | 811.8  | 810.6  | 809.5  |
| 130°   | 872.6  | 874.5  | 874.2  | 873.6  | 873.1  | 872.5  | 871.9  | 871.3  | 870.8  | 870.2  | 869.7  |
| 132.5° | 928.4  | 929.8  | 929.9  | 930.2  | 930.5  | 930.8  | 931.1  | 929.7  | 928.3  | 926.8  | 925.4  |
| 135°   | 980.9  | 982.5  | 982.8  | 983.4  | 983.9  | 984.5  | 985.1  | 984.8  | 984.5  | 984.2  | 983.9  |
| 137.5° | 1035.2 | 1036.5 | 1036.8 | 1037.4 | 1037.9 | 1038.5 | 1039.1 | 1038.8 | 1038.5 | 1038.2 | 1037.9 |
| 140°   | 1085.4 | 1086.7 | 1087.4 | 1088.8 | 1090.3 | 1091.7 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 |
| 142.5° | 1136.8 | 1138.1 | 1138.5 | 1139.4 | 1140.3 | 1141.1 | 1142.0 | 1142.3 | 1142.6 | 1142.9 | 1143.2 |
| 145°   | 1183.4 | 1184.4 | 1185.3 | 1187.0 | 1188.7 | 1190.4 | 1192.1 | 1192.4 | 1192.7 | 1193.0 | 1193.3 |
| 147.5° | 1229.4 | 1230.7 | 1231.3 | 1232.4 | 1233.6 | 1234.7 | 1235.9 | 1236.5 | 1237.0 | 1237.6 | 1238.1 |
| 150°   | 1271.0 | 1271.9 | 1272.5 | 1273.6 | 1274.7 | 1275.9 | 1277.0 | 1277.9 | 1278.7 | 1279.6 | 1280.5 |
| 152.5° | 1310.9 | 1311.8 | 1312.5 | 1313.9 | 1315.4 | 1316.8 | 1318.2 | 1319.3 | 1320.5 | 1321.6 | 1322.7 |
| 155°   | 1347.4 | 1347.8 | 1348.2 | 1349.1 | 1349.9 | 1350.8 | 1351.6 | 1353.0 | 1354.4 | 1355.9 | 1357.3 |
| 157.5° | 1380.9 | 1381.2 | 1381.5 | 1382.1 | 1382.6 | 1383.2 | 1383.8 | 1385.8 | 1387.8 | 1389.8 | 1391.8 |
| 160°   | 1411.8 | 1412.1 | 1412.2 | 1412.5 | 1412.8 | 1413.0 | 1413.3 | 1415.0 | 1416.8 | 1418.5 | 1420.2 |
| 162.5° | 1437.8 | 1437.8 | 1437.9 | 1438.2 | 1438.5 | 1438.8 | 1439.1 | 1441.1 | 1443.1 | 1445.1 | 1447.1 |
| 165°   | 1461.0 | 1460.9 | 1460.9 | 1460.9 | 1460.9 | 1460.9 | 1460.9 | 1462.9 | 1464.9 | 1466.9 | 1468.9 |
| 167.5° | 1480.6 | 1480.2 | 1480.2 | 1480.2 | 1480.2 | 1480.2 | 1480.2 | 1482.2 | 1484.2 | 1486.2 | 1488.2 |
| 170°   | 1497.3 | 1496.9 | 1496.8 | 1496.5 | 1496.2 | 1496.0 | 1495.7 | 1497.7 | 1499.7 | 1501.7 | 1503.7 |
| 172.5° | 1508.9 | 1508.5 | 1508.4 | 1508.1 | 1507.8 | 1507.5 | 1507.2 | 1509.2 | 1511.2 | 1513.2 | 1515.2 |
| 175°   | 1517.9 | 1517.5 | 1517.2 | 1516.6 | 1516.1 | 1515.5 | 1514.9 | 1516.9 | 1518.9 | 1520.9 | 1522.9 |
| 177.5° | 1523.1 | 1522.7 | 1522.4 | 1521.8 | 1521.3 | 1520.7 | 1520.1 | 1521.8 | 1523.5 | 1525.2 | 1526.9 |
| 180°   | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 959.5  | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5  |
| 2.5°   | 914.5  | 916.7 | 911.6 | 910.1 | 911.6 | 906.4 | 907.9 | 909.4 | 909.4 | 911.6 | 913.1  |
| 5°     | 861.4  | 858.5 | 853.3 | 851.8 | 850.4 | 852.6 | 851.1 | 853.3 | 854.1 | 859.2 | 860.0  |
| 7.5°   | 809.1  | 804.6 | 800.2 | 795.8 | 794.3 | 790.6 | 794.3 | 794.3 | 799.5 | 798.0 | 801.7  |
| 10°    | 747.1  | 746.4 | 740.5 | 738.3 | 735.3 | 729.4 | 737.5 | 735.3 | 739.0 | 745.6 | 747.1  |
| 12.5°  | 701.4  | 693.3 | 697.0 | 686.6 | 690.3 | 684.4 | 685.2 | 685.2 | 691.1 | 691.8 | 690.3  |
| 15°    | 657.9  | 651.2 | 641.6 | 637.2 | 635.0 | 632.1 | 641.6 | 642.4 | 638.0 | 648.3 | 644.6  |
| 17.5°  | 613.6  | 613.6 | 604.8 | 602.6 | 596.7 | 599.6 | 598.1 | 598.9 | 597.4 | 604.8 | 608.5  |
| 20°    | 575.3  | 571.6 | 568.6 | 569.4 | 562.0 | 560.5 | 559.0 | 560.5 | 565.7 | 570.8 | 572.3  |
| 22.5°  | 544.3  | 542.1 | 534.7 | 536.2 | 530.3 | 532.5 | 531.0 | 534.7 | 535.4 | 535.4 | 540.6  |
| 25°    | 514.8  | 511.8 | 512.6 | 509.6 | 507.4 | 507.4 | 505.2 | 507.4 | 510.4 | 511.8 | 512.6  |
| 27.5°  | 492.7  | 490.5 | 486.8 | 484.6 | 486.0 | 482.3 | 485.3 | 487.5 | 487.5 | 486.0 | 487.5  |
| 30°    | 466.1  | 467.6 | 467.6 | 460.2 | 463.2 | 461.7 | 463.9 | 465.4 | 465.4 | 466.1 | 464.6  |
| 32.5°  | 448.4  | 444.0 | 443.3 | 442.5 | 442.5 | 439.6 | 439.6 | 441.8 | 442.5 | 443.3 | 445.5  |
| 35°    | 424.8  | 424.8 | 421.1 | 423.3 | 420.4 | 421.1 | 420.4 | 421.1 | 422.6 | 420.4 | 422.6  |
| 37.5°  | 403.4  | 404.2 | 402.7 | 404.2 | 404.9 | 403.4 | 402.0 | 404.9 | 403.4 | 403.4 | 402.0  |
| 40°    | 385.0  | 384.3 | 385.0 | 385.0 | 385.0 | 385.7 | 384.3 | 384.3 | 384.3 | 382.8 | 381.3  |
| 42.5°  | 369.5  | 365.1 | 366.6 | 367.3 | 365.1 | 365.1 | 365.8 | 365.1 | 367.3 | 362.9 | 362.9  |
| 45°    | 347.4  | 345.9 | 346.6 | 346.6 | 348.1 | 345.9 | 347.4 | 348.1 | 345.9 | 345.2 | 343.7  |
| 47.5°  | 327.5  | 328.9 | 327.5 | 328.9 | 328.9 | 330.4 | 327.5 | 328.2 | 328.9 | 326.0 | 323.8  |
| 50°    | 307.5  | 307.5 | 309.8 | 309.0 | 309.8 | 308.3 | 308.3 | 307.5 | 308.3 | 306.8 | 304.6  |
| 52.5°  | 289.1  | 286.9 | 290.6 | 289.8 | 289.1 | 288.4 | 287.6 | 288.4 | 286.9 | 285.4 | 285.4  |
| 55°    | 266.2  | 266.2 | 268.5 | 269.2 | 269.2 | 267.7 | 266.2 | 267.0 | 266.2 | 265.5 | 264.8  |
| 57.5°  | 247.8  | 244.9 | 246.3 | 247.1 | 247.1 | 244.9 | 246.3 | 244.9 | 244.9 | 245.6 | 243.4  |
| 60°    | 224.2  | 224.2 | 222.7 | 224.9 | 224.9 | 223.5 | 223.5 | 224.2 | 222.7 | 222.0 | 221.3  |
| 62.5°  | 199.1  | 199.9 | 202.1 | 202.8 | 203.6 | 202.1 | 200.6 | 201.3 | 201.3 | 199.1 | 199.9  |
| 65°    | 177.7  | 179.2 | 182.2 | 181.4 | 180.0 | 180.7 | 179.2 | 180.0 | 177.7 | 178.5 | 176.3  |
| 67.5°  | 157.1  | 156.4 | 157.1 | 157.1 | 158.6 | 157.8 | 156.4 | 156.4 | 155.6 | 157.8 | 155.6  |
| 70°    | 135.0  | 135.0 | 135.0 | 135.0 | 135.7 | 136.4 | 135.0 | 133.5 | 134.2 | 132.8 | 132.0  |
| 72.5°  | 112.1  | 112.8 | 112.1 | 113.6 | 111.4 | 112.8 | 112.8 | 112.1 | 111.4 | 111.4 | 111.4  |
| 75°    | 90.7   | 92.2  | 90.0  | 90.7  | 90.0  | 91.5  | 90.7  | 90.7  | 89.2  | 88.5  | 89.2   |
| 77.5°  | 69.3   | 70.1  | 68.6  | 69.3  | 68.6  | 69.3  | 69.3  | 68.6  | 68.6  | 68.6  | 68.6   |
| 80°    | 49.4   | 50.2  | 49.4  | 48.7  | 47.9  | 49.4  | 47.9  | 48.7  | 49.4  | 48.7  | 50.2   |
| 82.5°  | 31.7   | 31.7  | 31.0  | 31.7  | 30.2  | 30.2  | 31.0  | 31.0  | 30.2  | 31.7  | 30.2   |
| 85°    | 15.5   | 15.5  | 17.0  | 15.5  | 14.8  | 14.8  | 14.8  | 15.5  | 14.8  | 16.2  | 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°    | 42.4   | 42.5  | 42.8  | 43.1  | 43.4  | 43.7  | 43.4  | 43.1  | 42.8  | 42.5  | 42.4   |
| 92.5°  | 41.2   | 41.2  | 41.2  | 41.2  | 41.2  | 41.2  | 41.2  | 41.2  | 41.2  | 41.2  | 41.2   |
| 95°    | 82.3   | 82.0  | 81.4  | 80.9  | 80.3  | 79.7  | 80.3  | 80.9  | 81.4  | 82.0  | 82.3   |
| 97.5°  | 128.6  | 128.6 | 128.6 | 128.6 | 128.6 | 128.6 | 128.6 | 128.6 | 128.6 | 128.6 | 128.6  |
| 100°   | 177.5  | 177.4 | 177.1 | 176.8 | 176.5 | 176.2 | 176.5 | 176.8 | 177.1 | 177.4 | 177.5  |
| 102.5° | 231.5  | 231.4 | 231.1 | 230.8 | 230.5 | 230.2 | 230.5 | 230.8 | 231.1 | 231.4 | 231.5  |
| 105°   | 285.5  | 285.5 | 285.5 | 285.5 | 285.5 | 285.5 | 285.5 | 285.5 | 285.5 | 285.5 | 285.5  |
| 107.5° | 342.1  | 341.4 | 340.0 | 338.5 | 337.1 | 335.7 | 337.1 | 338.5 | 340.0 | 341.4 | 342.1  |
| 110°   | 400.0  | 399.6 | 398.7 | 397.8 | 397.0 | 396.1 | 397.0 | 397.8 | 398.7 | 399.6 | 400.0  |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 456.5  | 456.2  | 455.7  | 455.1  | 454.6  | 454.0  | 454.6  | 455.1  | 455.7  | 456.2  | 456.5  |
| 115°   | 518.3  | 517.9  | 517.0  | 516.1  | 515.3  | 514.4  | 515.3  | 516.1  | 517.0  | 517.9  | 518.3  |
| 117.5° | 574.9  | 574.5  | 573.6  | 572.7  | 571.9  | 571.0  | 571.9  | 572.7  | 573.6  | 574.5  | 574.9  |
| 120°   | 635.3  | 634.9  | 634.0  | 633.1  | 632.3  | 631.4  | 632.3  | 633.1  | 634.0  | 634.9  | 635.3  |
| 122.5° | 693.2  | 692.9  | 692.3  | 691.8  | 691.2  | 690.6  | 691.2  | 691.8  | 692.3  | 692.9  | 693.2  |
| 125°   | 752.3  | 752.2  | 751.9  | 751.6  | 751.3  | 751.0  | 751.3  | 751.6  | 751.9  | 752.2  | 752.3  |
| 127.5° | 808.9  | 808.5  | 807.6  | 806.8  | 805.9  | 805.1  | 805.9  | 806.8  | 807.6  | 808.5  | 808.9  |
| 130°   | 869.4  | 868.8  | 867.7  | 866.5  | 865.4  | 864.2  | 865.4  | 866.5  | 867.7  | 868.8  | 869.4  |
| 132.5° | 924.7  | 924.3  | 923.4  | 922.5  | 921.7  | 920.8  | 921.7  | 922.5  | 923.4  | 924.3  | 924.7  |
| 135°   | 983.8  | 983.4  | 982.5  | 981.7  | 980.8  | 980.0  | 980.8  | 981.7  | 982.5  | 983.4  | 983.8  |
| 137.5° | 1037.8 | 1037.2 | 1036.1 | 1035.0 | 1033.8 | 1032.7 | 1033.8 | 1035.0 | 1036.1 | 1037.2 | 1037.8 |
| 140°   | 1093.1 | 1092.5 | 1091.4 | 1090.3 | 1089.1 | 1088.0 | 1089.1 | 1090.3 | 1091.4 | 1092.5 | 1093.1 |
| 142.5° | 1143.3 | 1142.7 | 1141.6 | 1140.4 | 1139.3 | 1138.1 | 1139.3 | 1140.4 | 1141.6 | 1142.7 | 1143.3 |
| 145°   | 1193.4 | 1192.8 | 1191.7 | 1190.6 | 1189.4 | 1188.3 | 1189.4 | 1190.6 | 1191.7 | 1192.8 | 1193.4 |
| 147.5° | 1238.4 | 1237.8 | 1236.7 | 1235.6 | 1234.4 | 1233.3 | 1234.4 | 1235.6 | 1236.7 | 1237.8 | 1238.4 |
| 150°   | 1280.9 | 1280.5 | 1279.6 | 1278.7 | 1277.9 | 1277.0 | 1277.9 | 1278.7 | 1279.6 | 1280.5 | 1280.9 |
| 152.5° | 1323.3 | 1322.7 | 1321.6 | 1320.5 | 1319.3 | 1318.2 | 1319.3 | 1320.5 | 1321.6 | 1322.7 | 1323.3 |
| 155°   | 1358.0 | 1357.6 | 1356.7 | 1355.9 | 1355.0 | 1354.2 | 1355.0 | 1355.9 | 1356.7 | 1357.6 | 1358.0 |
| 157.5° | 1392.8 | 1392.1 | 1390.6 | 1389.2 | 1387.7 | 1386.3 | 1387.7 | 1389.2 | 1390.6 | 1392.1 | 1392.8 |
| 160°   | 1421.1 | 1420.5 | 1419.4 | 1418.2 | 1417.1 | 1415.9 | 1417.1 | 1418.2 | 1419.4 | 1420.5 | 1421.1 |
| 162.5° | 1448.1 | 1447.4 | 1445.9 | 1444.5 | 1443.0 | 1441.6 | 1443.0 | 1444.5 | 1445.9 | 1447.4 | 1448.1 |
| 165°   | 1469.9 | 1469.2 | 1467.8 | 1466.3 | 1464.9 | 1463.5 | 1464.9 | 1466.3 | 1467.8 | 1469.2 | 1469.9 |
| 167.5° | 1489.2 | 1488.5 | 1487.1 | 1485.6 | 1484.2 | 1482.8 | 1484.2 | 1485.6 | 1487.1 | 1488.5 | 1489.2 |
| 170°   | 1504.7 | 1503.8 | 1502.1 | 1500.4 | 1498.6 | 1496.9 | 1498.6 | 1500.4 | 1502.1 | 1503.8 | 1504.7 |
| 172.5° | 1516.2 | 1515.3 | 1513.6 | 1511.9 | 1510.2 | 1508.5 | 1510.2 | 1511.9 | 1513.6 | 1515.3 | 1516.2 |
| 175°   | 1523.9 | 1523.0 | 1521.3 | 1519.6 | 1517.9 | 1516.2 | 1517.9 | 1519.6 | 1521.3 | 1523.0 | 1523.9 |
| 177.5° | 1527.8 | 1526.9 | 1525.2 | 1523.5 | 1521.8 | 1520.1 | 1521.8 | 1523.5 | 1525.2 | 1526.9 | 1527.8 |
| 180°   | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5 | 959.5  | 959.5 |
| 2.5°   | 910.8 | 916.7 | 914.5 | 906.4 | 916.0 | 916.0 | 922.6 | 922.6 | 930.8 | 933.7  | 938.1 |
| 5°     | 859.2 | 863.6 | 867.3 | 863.6 | 870.3 | 880.6 | 886.5 | 891.7 | 902.7 | 907.2  | 913.8 |
| 7.5°   | 803.9 | 812.0 | 815.7 | 815.7 | 826.8 | 838.6 | 850.4 | 857.7 | 873.2 | 879.1  | 885.8 |
| 10°    | 750.1 | 759.7 | 767.0 | 766.3 | 784.7 | 792.1 | 806.9 | 823.8 | 839.3 | 848.2  | 857.7 |
| 12.5°  | 693.3 | 698.4 | 708.8 | 723.5 | 727.9 | 741.2 | 758.2 | 779.6 | 807.6 | 815.7  | 829.7 |
| 15°    | 646.1 | 660.1 | 668.2 | 674.8 | 685.2 | 697.7 | 716.1 | 736.8 | 764.8 | 782.5  | 797.3 |
| 17.5°  | 606.2 | 624.7 | 629.8 | 628.4 | 641.6 | 660.8 | 682.2 | 697.7 | 722.8 | 744.2  | 758.2 |
| 20°    | 573.8 | 581.2 | 590.0 | 593.7 | 604.0 | 624.7 | 645.3 | 663.0 | 683.7 | 700.7  | 716.9 |
| 22.5°  | 541.3 | 547.2 | 554.6 | 561.3 | 569.4 | 581.2 | 601.1 | 623.2 | 643.1 | 659.3  | 677.8 |
| 25°    | 514.8 | 518.5 | 525.1 | 530.3 | 539.1 | 547.2 | 561.3 | 585.6 | 609.2 | 618.8  | 635.0 |
| 27.5°  | 489.0 | 491.9 | 496.4 | 502.3 | 506.7 | 514.8 | 527.3 | 547.2 | 571.6 | 581.2  | 603.3 |
| 30°    | 466.1 | 468.3 | 472.8 | 475.7 | 477.9 | 487.5 | 497.1 | 512.6 | 531.0 | 544.3  | 560.5 |
| 32.5°  | 444.7 | 446.9 | 451.4 | 452.1 | 455.1 | 460.2 | 469.1 | 483.1 | 499.3 | 510.4  | 524.4 |
| 35°    | 421.1 | 422.6 | 427.0 | 428.5 | 430.7 | 435.1 | 441.8 | 452.1 | 466.9 | 475.0  | 487.5 |
| 37.5°  | 402.7 | 402.0 | 404.9 | 407.1 | 410.1 | 412.3 | 414.5 | 424.8 | 435.9 | 443.3  | 452.8 |
| 40°    | 382.8 | 381.3 | 382.0 | 385.0 | 386.5 | 389.4 | 389.4 | 399.7 | 407.1 | 413.0  | 420.4 |
| 42.5°  | 362.9 | 362.1 | 360.7 | 362.1 | 363.6 | 364.3 | 365.1 | 372.5 | 379.8 | 385.0  | 393.1 |
| 45°    | 343.0 | 342.2 | 340.7 | 341.5 | 341.5 | 343.0 | 345.2 | 348.1 | 353.3 | 357.7  | 362.1 |
| 47.5°  | 324.5 | 323.0 | 320.8 | 320.1 | 321.6 | 321.6 | 321.6 | 324.5 | 329.7 | 331.1  | 335.6 |
| 50°    | 305.3 | 303.1 | 300.2 | 298.7 | 298.7 | 298.0 | 299.4 | 300.2 | 304.6 | 306.1  | 309.8 |
| 52.5°  | 284.7 | 283.2 | 280.3 | 277.3 | 278.0 | 276.6 | 277.3 | 278.0 | 279.5 | 281.7  | 283.9 |
| 55°    | 264.0 | 261.1 | 258.9 | 258.1 | 255.9 | 255.9 | 253.7 | 256.7 | 255.9 | 256.7  | 259.6 |
| 57.5°  | 244.1 | 241.2 | 237.5 | 236.0 | 233.8 | 233.1 | 231.6 | 230.8 | 231.6 | 233.8  | 236.0 |
| 60°    | 220.5 | 219.0 | 216.8 | 214.6 | 213.1 | 210.9 | 209.5 | 209.5 | 208.7 | 208.7  | 209.5 |
| 62.5°  | 197.7 | 196.9 | 194.0 | 193.2 | 191.8 | 190.3 | 188.1 | 186.6 | 186.6 | 188.1  | 188.8 |
| 65°    | 175.5 | 174.8 | 172.6 | 171.8 | 168.2 | 166.7 | 165.9 | 165.2 | 163.7 | 163.7  | 163.7 |
| 67.5°  | 154.9 | 152.7 | 152.7 | 149.0 | 146.0 | 144.6 | 143.1 | 142.3 | 142.3 | 142.3  | 143.1 |
| 70°    | 132.0 | 132.0 | 129.8 | 127.6 | 124.6 | 125.4 | 123.2 | 121.0 | 121.0 | 119.5  | 120.2 |
| 72.5°  | 109.9 | 109.2 | 106.9 | 106.2 | 104.0 | 101.8 | 100.3 | 101.8 | 99.6  | 98.8   | 99.6  |
| 75°    | 88.5  | 87.8  | 86.3  | 84.8  | 85.6  | 83.3  | 81.1  | 80.4  | 80.4  | 78.9   | 78.9  |
| 77.5°  | 67.9  | 69.3  | 66.4  | 65.6  | 64.2  | 62.7  | 62.0  | 61.2  | 61.2  | 61.2   | 62.7  |
| 80°    | 47.2  | 47.9  | 47.9  | 46.5  | 47.2  | 45.0  | 45.0  | 45.0  | 42.8  | 43.5   | 44.3  |
| 82.5°  | 30.2  | 30.2  | 29.5  | 30.2  | 29.5  | 29.5  | 28.8  | 28.8  | 28.0  | 28.0   | 28.8  |
| 85°    | 17.0  | 16.2  | 15.5  | 17.0  | 16.2  | 16.2  | 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°    | 42.7  | 43.3  | 43.8  | 44.4  | 45.0  | 38.7  | 32.4  | 26.1  | 19.8  | 16.7   | 15.0  |
| 92.5°  | 41.1  | 40.8  | 40.5  | 40.2  | 39.9  | 39.6  | 39.3  | 39.0  | 38.7  | 38.6   | 37.5  |
| 95°    | 82.3  | 82.3  | 82.3  | 82.3  | 82.3  | 81.7  | 81.1  | 80.6  | 80.0  | 79.7   | 78.3  |
| 97.5°  | 128.6 | 128.6 | 128.6 | 128.6 | 128.6 | 127.5 | 126.3 | 125.2 | 124.1 | 123.5  | 122.2 |
| 100°   | 177.5 | 177.5 | 177.5 | 177.5 | 177.5 | 176.6 | 175.8 | 174.9 | 174.0 | 173.6  | 172.5 |
| 102.5° | 231.4 | 231.1 | 230.8 | 230.5 | 230.2 | 229.1 | 227.9 | 226.8 | 225.7 | 225.1  | 224.2 |
| 105°   | 285.2 | 284.6 | 284.1 | 283.5 | 282.9 | 282.3 | 281.8 | 281.2 | 280.7 | 280.4  | 280.0 |
| 107.5° | 342.0 | 341.7 | 341.4 | 341.1 | 340.8 | 340.8 | 340.8 | 340.8 | 340.8 | 340.8  | 340.2 |
| 110°   | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0 | 400.0  | 399.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 456.9  | 457.8  | 458.7  | 459.5  | 460.4  | 460.7  | 461.0  | 461.3  | 461.6  | 461.7  | 460.8  |
| 115°   | 518.4  | 518.7  | 519.0  | 519.3  | 519.6  | 520.2  | 520.7  | 521.3  | 521.8  | 522.1  | 521.2  |
| 117.5° | 575.3  | 576.2  | 577.0  | 577.9  | 578.7  | 580.1  | 581.5  | 583.0  | 584.4  | 585.1  | 584.0  |
| 120°   | 635.3  | 635.3  | 635.3  | 635.3  | 635.3  | 637.6  | 639.9  | 642.2  | 644.5  | 645.6  | 644.5  |
| 122.5° | 693.6  | 694.5  | 695.3  | 696.2  | 697.0  | 698.4  | 699.9  | 701.3  | 702.8  | 703.5  | 702.1  |
| 125°   | 752.7  | 753.6  | 754.5  | 755.3  | 756.2  | 757.0  | 757.9  | 758.7  | 759.6  | 760.0  | 758.7  |
| 127.5° | 809.5  | 810.6  | 811.8  | 812.9  | 814.1  | 815.2  | 816.4  | 817.5  | 818.6  | 819.2  | 817.6  |
| 130°   | 869.7  | 870.2  | 870.8  | 871.3  | 871.9  | 872.5  | 873.1  | 873.6  | 874.2  | 874.5  | 872.6  |
| 132.5° | 925.4  | 926.8  | 928.3  | 929.7  | 931.1  | 930.8  | 930.5  | 930.2  | 929.9  | 929.8  | 928.4  |
| 135°   | 983.9  | 984.2  | 984.5  | 984.8  | 985.1  | 984.5  | 983.9  | 983.4  | 982.8  | 982.5  | 980.9  |
| 137.5° | 1037.9 | 1038.2 | 1038.5 | 1038.8 | 1039.1 | 1038.5 | 1037.9 | 1037.4 | 1036.8 | 1036.5 | 1035.2 |
| 140°   | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1093.1 | 1091.7 | 1090.3 | 1088.8 | 1087.4 | 1086.7 | 1085.4 |
| 142.5° | 1143.2 | 1142.9 | 1142.6 | 1142.3 | 1142.0 | 1141.1 | 1140.3 | 1139.4 | 1138.5 | 1138.1 | 1136.8 |
| 145°   | 1193.3 | 1193.0 | 1192.7 | 1192.4 | 1192.1 | 1190.4 | 1188.7 | 1187.0 | 1185.3 | 1184.4 | 1183.4 |
| 147.5° | 1238.1 | 1237.6 | 1237.0 | 1236.5 | 1235.9 | 1234.7 | 1233.6 | 1232.4 | 1231.3 | 1230.7 | 1229.4 |
| 150°   | 1280.5 | 1279.6 | 1278.7 | 1277.9 | 1277.0 | 1275.9 | 1274.7 | 1273.6 | 1272.5 | 1271.9 | 1271.0 |
| 152.5° | 1322.7 | 1321.6 | 1320.5 | 1319.3 | 1318.2 | 1316.8 | 1315.4 | 1313.9 | 1312.5 | 1311.8 | 1310.9 |
| 155°   | 1357.3 | 1355.9 | 1354.4 | 1353.0 | 1351.6 | 1350.8 | 1349.9 | 1349.1 | 1348.2 | 1347.8 | 1347.4 |
| 157.5° | 1391.8 | 1389.8 | 1387.8 | 1385.8 | 1383.8 | 1383.2 | 1382.6 | 1382.1 | 1381.5 | 1381.2 | 1380.9 |
| 160°   | 1420.2 | 1418.5 | 1416.8 | 1415.0 | 1413.3 | 1413.0 | 1412.8 | 1412.5 | 1412.2 | 1412.1 | 1411.8 |
| 162.5° | 1447.1 | 1445.1 | 1443.1 | 1441.1 | 1439.1 | 1438.8 | 1438.5 | 1438.2 | 1437.9 | 1437.8 | 1437.8 |
| 165°   | 1468.9 | 1466.9 | 1464.9 | 1462.9 | 1460.9 | 1460.9 | 1460.9 | 1460.9 | 1460.9 | 1460.9 | 1461.0 |
| 167.5° | 1488.2 | 1486.2 | 1484.2 | 1482.2 | 1480.2 | 1480.2 | 1480.2 | 1480.2 | 1480.2 | 1480.2 | 1480.6 |
| 170°   | 1503.7 | 1501.7 | 1499.7 | 1497.7 | 1495.7 | 1496.0 | 1496.2 | 1496.5 | 1496.8 | 1496.9 | 1497.3 |
| 172.5° | 1515.2 | 1513.2 | 1511.2 | 1509.2 | 1507.2 | 1507.5 | 1507.8 | 1508.1 | 1508.4 | 1508.5 | 1508.9 |
| 175°   | 1522.9 | 1520.9 | 1518.9 | 1516.9 | 1514.9 | 1515.5 | 1516.1 | 1516.6 | 1517.2 | 1517.5 | 1517.9 |
| 177.5° | 1526.9 | 1525.2 | 1523.5 | 1521.8 | 1520.1 | 1520.7 | 1521.3 | 1521.8 | 1522.4 | 1522.7 | 1523.1 |
| 180°   | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 | 1523.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 959.5 | 959.5 | 959.5 | 959.5 |
| 2.5°   | 941.8 | 941.8 | 952.9 | 964.7 |
| 5°     | 921.2 | 926.3 | 944.0 | 960.3 |
| 7.5°   | 901.3 | 910.1 | 932.2 | 952.9 |
| 10°    | 876.9 | 888.7 | 916.0 | 940.3 |
| 12.5°  | 853.3 | 864.4 | 896.1 | 923.4 |
| 15°    | 820.1 | 834.1 | 868.1 | 902.0 |
| 17.5°  | 786.9 | 801.0 | 842.3 | 882.1 |
| 20°    | 747.9 | 766.3 | 812.8 | 865.9 |
| 22.5°  | 711.7 | 734.6 | 786.2 | 829.0 |
| 25°    | 671.9 | 707.3 | 755.2 | 810.5 |
| 27.5°  | 636.5 | 671.9 | 720.6 | 776.6 |
| 30°    | 596.7 | 632.8 | 683.0 | 734.6 |
| 32.5°  | 558.3 | 591.5 | 640.2 | 703.6 |
| 35°    | 518.5 | 550.2 | 597.4 | 661.6 |
| 37.5°  | 482.3 | 513.3 | 564.9 | 623.9 |
| 40°    | 446.9 | 479.4 | 523.6 | 582.6 |
| 42.5°  | 413.8 | 442.5 | 482.3 | 541.3 |
| 45°    | 383.5 | 404.2 | 441.0 | 496.4 |
| 47.5°  | 351.8 | 370.2 | 404.2 | 459.5 |
| 50°    | 322.3 | 337.8 | 367.3 | 418.9 |
| 52.5°  | 293.5 | 306.8 | 334.1 | 375.4 |
| 55°    | 267.7 | 280.3 | 300.2 | 340.7 |
| 57.5°  | 241.2 | 250.8 | 269.9 | 302.4 |
| 60°    | 215.4 | 224.2 | 239.7 | 266.2 |
| 62.5°  | 189.5 | 196.9 | 211.7 | 233.1 |
| 65°    | 166.7 | 172.6 | 183.6 | 202.1 |
| 67.5°  | 144.6 | 148.2 | 157.1 | 171.8 |
| 70°    | 123.2 | 126.1 | 133.5 | 145.3 |
| 72.5°  | 100.3 | 103.3 | 111.4 | 119.5 |
| 75°    | 81.1  | 81.9  | 87.8  | 94.4  |
| 77.5°  | 63.4  | 62.7  | 67.1  | 72.3  |
| 80°    | 43.5  | 45.7  | 49.4  | 51.6  |
| 82.5°  | 29.5  | 30.2  | 31.7  | 33.2  |
| 85°    | 16.2  | 17.0  | 17.0  | 19.2  |
| 87.5°  | 6.6   | 7.4   | 7.4   | 8.1   |
| 90°    | 11.6  | 8.1   | 4.7   | 1.3   |
| 92.5°  | 35.2  | 32.9  | 30.6  | 28.3  |
| 95°    | 75.4  | 72.6  | 69.7  | 66.9  |
| 97.5°  | 119.6 | 117.1 | 114.5 | 111.9 |
| 100°   | 170.2 | 167.9 | 165.6 | 163.3 |
| 102.5° | 222.5 | 220.8 | 219.0 | 217.3 |
| 105°   | 279.1 | 278.2 | 277.4 | 276.5 |
| 107.5° | 339.1 | 338.0 | 336.8 | 335.7 |
| 110°   | 397.4 | 395.7 | 393.9 | 392.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 459.1  | 457.4  | 455.7  | 454.0  |
| 115°   | 519.5  | 517.8  | 516.1  | 514.4  |
| 117.5° | 581.7  | 579.4  | 577.2  | 574.9  |
| 120°   | 642.2  | 639.9  | 637.6  | 635.3  |
| 122.5° | 699.2  | 696.3  | 693.5  | 690.6  |
| 125°   | 756.2  | 753.6  | 751.1  | 748.5  |
| 127.5° | 814.5  | 811.4  | 808.2  | 805.1  |
| 130°   | 868.9  | 865.2  | 861.5  | 857.8  |
| 132.5° | 925.5  | 922.6  | 919.8  | 916.9  |
| 135°   | 977.8  | 974.7  | 971.5  | 968.4  |
| 137.5° | 1032.7 | 1030.1 | 1027.6 | 1025.0 |
| 140°   | 1082.8 | 1080.3 | 1077.7 | 1075.1 |
| 142.5° | 1134.3 | 1131.7 | 1129.2 | 1126.6 |
| 145°   | 1181.4 | 1179.4 | 1177.4 | 1175.4 |
| 147.5° | 1226.9 | 1224.3 | 1221.8 | 1219.2 |
| 150°   | 1269.3 | 1267.6 | 1265.9 | 1264.2 |
| 152.5° | 1309.2 | 1307.5 | 1305.7 | 1304.0 |
| 155°   | 1346.5 | 1345.6 | 1344.8 | 1343.9 |
| 157.5° | 1380.3 | 1379.8 | 1379.2 | 1378.6 |
| 160°   | 1411.2 | 1410.7 | 1410.1 | 1409.5 |
| 162.5° | 1437.8 | 1437.8 | 1437.8 | 1437.8 |
| 165°   | 1461.3 | 1461.6 | 1461.9 | 1462.2 |
| 167.5° | 1481.5 | 1482.4 | 1483.2 | 1484.1 |
| 170°   | 1498.2 | 1499.1 | 1499.9 | 1500.8 |
| 172.5° | 1509.8 | 1510.7 | 1511.5 | 1512.4 |
| 175°   | 1518.8 | 1519.7 | 1520.5 | 1521.4 |
| 177.5° | 1524.0 | 1524.8 | 1525.7 | 1526.5 |
| 180°   | 1523.9 | 1523.9 | 1523.9 | 1523.9 |

(END OF REPORT)