

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: P1029482

Luminaire Tested: S122DIW-B485D1440UB2750-4F0-XX-W2A-A1\_5000K

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1029482  
REPORT IS A COMBINATION OF REPORTS P986021 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-A1\_5000K  
Description: Define 2 Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

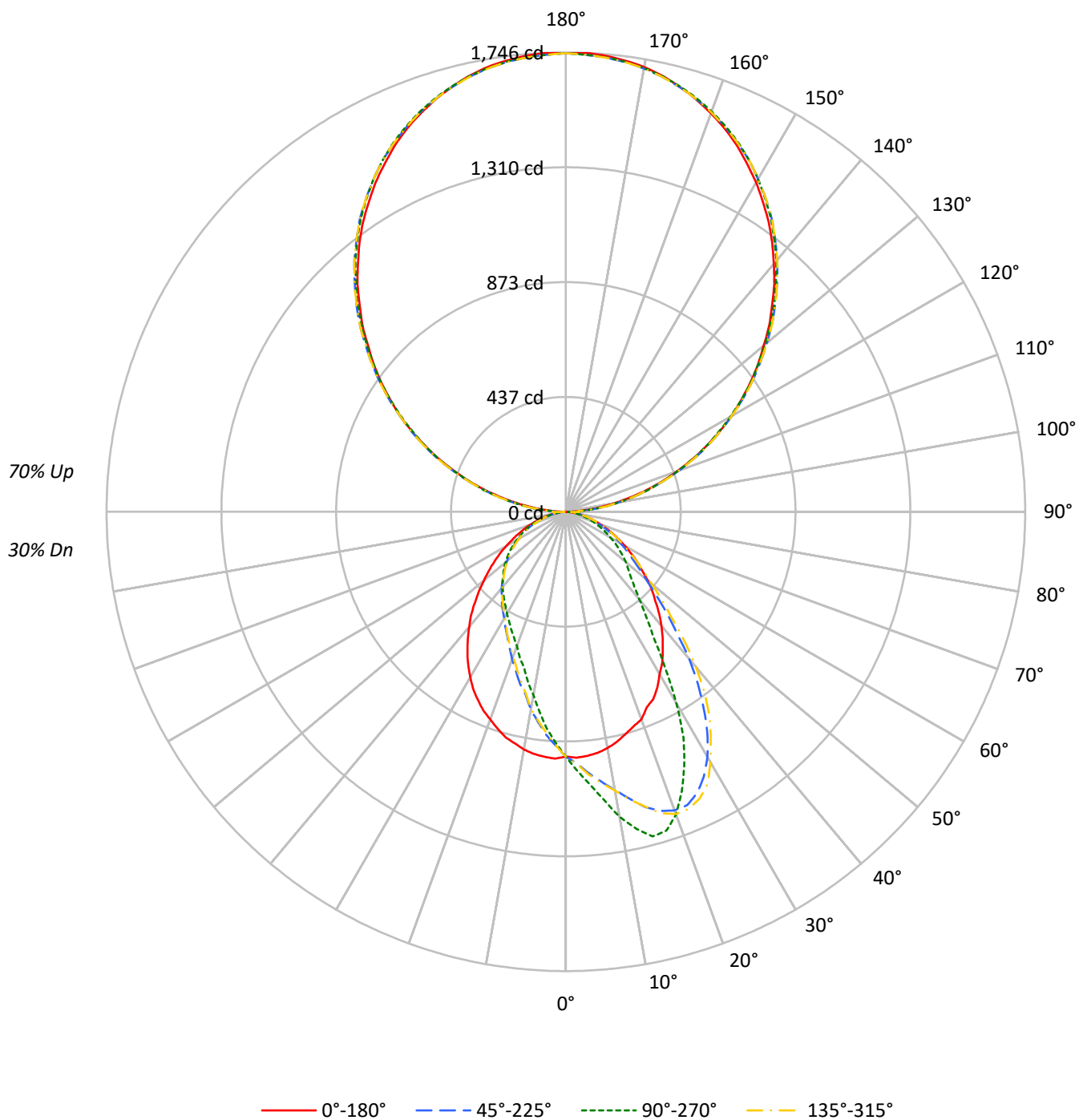
Lumens per Lamp: N/A  
Luminaire Lumens: 6931.0 lumens  
Efficiency: N/A  
Efficacy: 91.0 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

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: P1029482

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### Luminous Intensity Polar Plot



TEST NUMBER: P1029482

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 102 | 102 | 102 | 102 | 92 | 92 | 92 | 92 | 72 | 72 | 72 | 54 | 54 | 54 | 37 | 37 | 37 |
| 1   | 94  | 89  | 86  | 82  | 84 | 80 | 77 | 75 | 63 | 61 | 60 | 48 | 47 | 45 | 33 | 33 | 32 |
| 2   | 85  | 78  | 73  | 68  | 76 | 71 | 66 | 62 | 56 | 53 | 50 | 42 | 40 | 38 | 30 | 29 | 27 |
| 3   | 78  | 69  | 62  | 57  | 70 | 62 | 56 | 52 | 49 | 45 | 42 | 38 | 35 | 33 | 27 | 25 | 24 |
| 4   | 71  | 61  | 54  | 48  | 64 | 55 | 49 | 44 | 44 | 40 | 36 | 34 | 31 | 28 | 24 | 22 | 21 |
| 5   | 66  | 55  | 47  | 41  | 59 | 49 | 43 | 38 | 39 | 35 | 31 | 30 | 27 | 25 | 22 | 20 | 18 |
| 6   | 60  | 49  | 41  | 36  | 54 | 44 | 38 | 33 | 36 | 31 | 27 | 27 | 24 | 22 | 20 | 18 | 16 |
| 7   | 56  | 44  | 37  | 31  | 50 | 40 | 33 | 29 | 32 | 27 | 24 | 25 | 22 | 19 | 18 | 16 | 14 |
| 8   | 52  | 40  | 33  | 28  | 46 | 36 | 30 | 25 | 29 | 25 | 21 | 23 | 19 | 17 | 17 | 15 | 13 |
| 9   | 48  | 36  | 29  | 24  | 43 | 33 | 27 | 23 | 27 | 22 | 19 | 21 | 18 | 15 | 15 | 13 | 12 |
| 10  | 45  | 33  | 26  | 22  | 40 | 30 | 24 | 20 | 25 | 20 | 17 | 19 | 16 | 14 | 14 | 12 | 11 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 14729 | 14729 | 14729 | 14729 |
| 5°  | 14764 | 15704 | 14821 | 12495 |
| 10° | 14593 | 17145 | 14684 | 10302 |
| 15° | 14239 | 18083 | 14438 | 8678  |
| 20° | 14017 | 16980 | 14017 | 7542  |
| 25° | 13570 | 14587 | 13632 | 6745  |
| 30° | 12836 | 11467 | 13081 | 6109  |
| 35° | 12185 | 7929  | 12388 | 5590  |
| 40° | 11435 | 5986  | 11567 | 5176  |
| 45° | 10514 | 4919  | 10684 | 4727  |
| 50° | 9716  | 4319  | 9733  | 4329  |
| 55° | 8804  | 3679  | 8863  | 3893  |
| 60° | 7835  | 3074  | 7944  | 3398  |
| 65° | 6968  | 2499  | 7092  | 2902  |
| 70° | 6102  | 1962  | 6258  | 2340  |
| 75° | 5119  | 1424  | 5320  | 1698  |
| 80° | 4000  | 902   | 4279  | 1007  |
| 85° | 2627  | 454   | 2825  | 336   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15226 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 88.6   | 1.3       |
| 10°-20°   | 258.0  | 3.7       |
| 20°-30°   | 374.4  | 5.4       |
| 30°-40°   | 394.7  | 5.7       |
| 40°-50°   | 349.2  | 5.0       |
| 50°-60°   | 278.9  | 4.0       |
| 60°-70°   | 189.4  | 2.7       |
| 70°-80°   | 96.9   | 1.4       |
| 80°-90°   | 27.9   | 0.4       |
| 90°-100°  | 107.8  | 1.6       |
| 100°-110° | 342.8  | 4.9       |
| 110°-120° | 586.5  | 8.5       |
| 120°-130° | 771.4  | 11.1      |
| 130°-140° | 865.8  | 12.5      |
| 140°-150° | 849.1  | 12.3      |
| 150°-160° | 712.2  | 10.3      |
| 160°-170° | 472.4  | 6.8       |
| 170°-180° | 165.1  | 2.4       |
| 0°-30°    | 721.0  | 10.4      |
| 0°-40°    | 1115.7 | 16.1      |
| 0°-60°    | 1743.8 | 25.2      |
| 0°-90°    | 2058.0 | 29.7      |
| 90°-120°  | 1037.1 | 15.0      |
| 90°-150°  | 3523.4 | 50.8      |
| 90°-180°  | 4873.0 | 70.3      |
| 0°-180°   | 6931.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 930  | 930  | 930  | 930  | 930  |      |
| 5°   | 931  | 1039 | 935  | 827  | 931  | 88   |
| 15°  | 875  | 1277 | 887  | 613  | 875  | 247  |
| 25°  | 786  | 1064 | 790  | 492  | 786  | 359  |
| 35°  | 642  | 579  | 652  | 408  | 642  | 401  |
| 45°  | 481  | 349  | 489  | 335  | 481  | 373  |
| 55°  | 330  | 245  | 333  | 260  | 330  | 295  |
| 65°  | 196  | 151  | 200  | 175  | 196  | 195  |
| 75°  | 92   | 74   | 95   | 89   | 92   | 98   |
| 85°  | 19   | 19   | 20   | 14   | 19   | 22   |
| 90°  | 2    | 50   | 2    | 50   | 2    | 6    |
| 95°  | 76   | 91   | 76   | 91   | 76   | 85   |
| 105° | 316  | 326  | 316  | 326  | 316  | 334  |
| 115° | 588  | 588  | 588  | 588  | 588  | 582  |
| 125° | 856  | 859  | 856  | 859  | 856  | 765  |
| 135° | 1108 | 1121 | 1108 | 1121 | 1108 | 856  |
| 145° | 1344 | 1359 | 1344 | 1359 | 1344 | 840  |
| 155° | 1537 | 1549 | 1537 | 1549 | 1537 | 708  |
| 165° | 1672 | 1674 | 1672 | 1674 | 1672 | 472  |
| 175° | 1740 | 1734 | 1740 | 1734 | 1740 | 165  |
| 180° | 1743 | 1743 | 1743 | 1743 | 1743 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 930.5 | 930.5 | 930.5 | 930.5 | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  |
| 2.5°   | 935.5 | 937.7 | 941.2 | 942.0 | 949.1  | 954.8  | 961.3  | 961.3  | 963.4  | 962.7  | 957.0  |
| 5°     | 931.2 | 937.7 | 947.0 | 954.8 | 967.7  | 973.4  | 982.0  | 988.4  | 994.2  | 998.5  | 997.7  |
| 7.5°   | 924.1 | 935.5 | 949.1 | 964.1 | 981.3  | 991.3  | 1003.5 | 1014.9 | 1022.8 | 1029.9 | 1034.9 |
| 10°    | 911.9 | 931.2 | 949.8 | 969.9 | 992.0  | 1005.6 | 1019.9 | 1034.9 | 1047.1 | 1060.7 | 1073.6 |
| 12.5°  | 895.5 | 923.4 | 946.3 | 972.7 | 999.9  | 1014.9 | 1037.8 | 1049.2 | 1072.8 | 1107.2 | 1116.5 |
| 15°    | 874.7 | 912.6 | 934.1 | 967.7 | 1003.5 | 1015.6 | 1047.1 | 1065.7 | 1114.3 | 1135.8 | 1161.5 |
| 17.5°  | 855.4 | 897.6 | 926.2 | 964.8 | 999.9  | 1023.5 | 1054.3 | 1092.2 | 1132.9 | 1163.7 | 1192.3 |
| 20°    | 839.7 | 880.4 | 914.8 | 957.7 | 1002.0 | 1032.1 | 1064.3 | 1110.0 | 1154.4 | 1185.9 | 1208.0 |
| 22.5°  | 803.9 | 856.1 | 896.2 | 944.1 | 997.7  | 1039.2 | 1070.0 | 1120.1 | 1168.0 | 1187.3 | 1206.6 |
| 25°    | 786.0 | 831.1 | 877.6 | 931.9 | 994.9  | 1044.2 | 1070.7 | 1126.5 | 1168.7 | 1175.8 | 1180.1 |
| 27.5°  | 753.1 | 803.9 | 858.3 | 920.5 | 994.2  | 1035.7 | 1069.3 | 1120.1 | 1153.7 | 1148.7 | 1135.8 |
| 30°    | 712.4 | 774.6 | 834.7 | 901.9 | 984.2  | 1029.2 | 1060.7 | 1107.2 | 1124.3 | 1098.6 | 1075.7 |
| 32.5°  | 682.3 | 741.0 | 807.5 | 885.5 | 972.7  | 1015.6 | 1046.4 | 1082.9 | 1086.4 | 1039.9 | 1001.3 |
| 35°    | 641.6 | 706.6 | 781.7 | 864.0 | 953.4  | 992.0  | 1020.6 | 1042.8 | 1025.6 | 960.6  | 914.8  |
| 37.5°  | 605.1 | 669.5 | 749.6 | 833.2 | 926.9  | 964.8  | 987.7  | 991.3  | 949.1  | 891.9  | 824.7  |
| 40°    | 565.0 | 631.5 | 715.2 | 803.2 | 897.6  | 930.5  | 944.8  | 934.1  | 873.3  | 806.8  | 728.8  |
| 42.5°  | 525.0 | 590.8 | 680.9 | 771.0 | 860.4  | 888.3  | 894.0  | 864.7  | 790.3  | 712.4  | 622.3  |
| 45°    | 481.4 | 550.0 | 640.1 | 731.0 | 817.5  | 833.2  | 834.0  | 791.8  | 703.8  | 622.3  | 538.6  |
| 47.5°  | 445.6 | 509.2 | 598.6 | 689.5 | 762.4  | 773.2  | 768.9  | 720.2  | 624.4  | 532.8  | 459.9  |
| 50°    | 406.3 | 467.0 | 555.7 | 645.1 | 707.4  | 710.2  | 699.5  | 630.1  | 536.4  | 452.7  | 394.8  |
| 52.5°  | 364.1 | 425.6 | 507.1 | 592.9 | 648.7  | 644.4  | 623.7  | 549.3  | 461.3  | 391.9  | 347.6  |
| 55°    | 330.4 | 384.8 | 461.3 | 545.0 | 584.3  | 572.2  | 549.3  | 473.5  | 404.1  | 345.5  | 306.8  |
| 57.5°  | 293.2 | 341.2 | 416.3 | 489.2 | 512.1  | 500.7  | 477.8  | 407.0  | 342.6  | 298.3  | 272.5  |
| 60°    | 258.2 | 301.8 | 367.6 | 428.4 | 446.3  | 434.1  | 407.7  | 344.0  | 297.5  | 260.3  | 241.0  |
| 62.5°  | 226.0 | 263.9 | 319.0 | 374.8 | 381.9  | 369.8  | 346.9  | 295.4  | 255.3  | 226.0  | 211.7  |
| 65°    | 196.0 | 231.7 | 276.1 | 318.3 | 324.7  | 311.8  | 288.2  | 251.0  | 217.4  | 198.8  | 185.2  |
| 67.5°  | 166.6 | 195.3 | 234.6 | 265.4 | 268.9  | 256.8  | 237.5  | 207.4  | 186.7  | 166.6  | 156.6  |
| 70°    | 140.9 | 162.4 | 193.1 | 218.1 | 219.6  | 208.1  | 198.1  | 170.9  | 155.2  | 140.9  | 133.0  |
| 72.5°  | 115.9 | 130.9 | 154.5 | 173.1 | 173.8  | 166.6  | 157.4  | 140.2  | 126.6  | 116.6  | 108.7  |
| 75°    | 91.5  | 104.4 | 118.7 | 135.2 | 134.5  | 128.7  | 121.6  | 110.9  | 99.4   | 93.0   | 89.4   |
| 77.5°  | 70.1  | 78.0  | 89.4  | 100.1 | 100.1  | 97.3   | 93.0   | 85.1   | 78.0   | 71.5   | 67.9   |
| 80°    | 50.1  | 55.1  | 64.4  | 67.9  | 69.4   | 68.7   | 65.1   | 59.4   | 56.5   | 51.5   | 50.1   |
| 82.5°  | 32.2  | 35.8  | 40.1  | 43.6  | 45.8   | 44.3   | 43.6   | 40.8   | 36.5   | 35.0   | 33.6   |
| 85°    | 18.6  | 20.0  | 22.2  | 24.3  | 25.0   | 24.3   | 25.7   | 23.6   | 21.5   | 21.5   | 20.7   |
| 87.5°  | 7.9   | 8.6   | 10.0  | 10.0  | 10.7   | 10.7   | 10.0   | 10.7   | 10.7   | 10.0   | 9.3    |
| 90°    | 1.5   | 5.4   | 9.3   | 13.2  | 17.1   | 19.1   | 22.7   | 29.9   | 37.1   | 44.3   | 51.5   |
| 92.5°  | 32.4  | 35.0  | 37.6  | 40.2  | 42.8   | 44.1   | 44.3   | 44.6   | 44.9   | 45.3   | 45.6   |
| 95°    | 76.5  | 79.8  | 83.0  | 86.3  | 89.6   | 91.2   | 91.5   | 92.2   | 92.8   | 93.5   | 94.1   |
| 97.5°  | 128.0 | 130.9 | 133.9 | 136.8 | 139.7  | 141.2  | 141.9  | 143.2  | 144.5  | 145.8  | 147.1  |
| 100°   | 186.8 | 189.4 | 192.0 | 194.7 | 197.3  | 198.6  | 199.1  | 200.1  | 201.0  | 202.0  | 203.0  |
| 102.5° | 248.6 | 250.6 | 252.5 | 254.5 | 256.4  | 257.4  | 258.1  | 259.4  | 260.7  | 262.0  | 263.3  |
| 105°   | 316.2 | 317.2 | 318.2 | 319.1 | 320.1  | 320.6  | 320.9  | 321.6  | 322.3  | 322.9  | 323.6  |
| 107.5° | 383.9 | 385.2 | 386.5 | 387.8 | 389.1  | 389.8  | 389.8  | 389.8  | 389.8  | 389.8  | 389.8  |
| 110°   | 448.6 | 450.6 | 452.5 | 454.5 | 456.4  | 457.4  | 457.4  | 457.4  | 457.4  | 457.4  | 457.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 519.2  | 521.2  | 523.1  | 525.1  | 527.0  | 528.0  | 527.8  | 527.5  | 527.2  | 526.9  | 526.6  |
| 115°   | 588.3  | 590.3  | 592.3  | 594.2  | 596.2  | 597.2  | 596.9  | 596.2  | 595.5  | 594.9  | 594.2  |
| 117.5° | 657.5  | 660.1  | 662.7  | 665.3  | 667.9  | 669.2  | 668.4  | 666.8  | 665.1  | 663.5  | 661.9  |
| 120°   | 726.6  | 729.2  | 731.8  | 734.5  | 737.1  | 738.4  | 737.1  | 734.5  | 731.8  | 729.2  | 726.6  |
| 122.5° | 789.9  | 793.2  | 796.4  | 799.7  | 803.0  | 804.6  | 803.8  | 802.1  | 800.5  | 798.8  | 797.2  |
| 125°   | 856.0  | 859.0  | 861.9  | 864.9  | 867.8  | 869.3  | 868.8  | 867.8  | 866.9  | 865.9  | 864.9  |
| 127.5° | 920.8  | 924.4  | 928.0  | 931.5  | 935.1  | 936.9  | 936.3  | 935.0  | 933.7  | 932.4  | 931.1  |
| 130°   | 981.1  | 985.3  | 989.6  | 993.8  | 998.1  | 1000.2 | 999.9  | 999.2  | 998.5  | 997.9  | 997.2  |
| 132.5° | 1048.7 | 1052.0 | 1055.2 | 1058.5 | 1061.8 | 1063.4 | 1063.6 | 1063.9 | 1064.2 | 1064.6 | 1064.9 |
| 135°   | 1107.6 | 1111.2 | 1114.8 | 1118.3 | 1121.9 | 1123.7 | 1124.0 | 1124.7 | 1125.4 | 1126.0 | 1126.7 |
| 137.5° | 1172.3 | 1175.2 | 1178.2 | 1181.1 | 1184.0 | 1185.5 | 1185.8 | 1186.5 | 1187.2 | 1187.8 | 1188.5 |
| 140°   | 1229.6 | 1232.6 | 1235.5 | 1238.5 | 1241.4 | 1242.9 | 1243.7 | 1245.3 | 1247.0 | 1248.6 | 1250.2 |
| 142.5° | 1288.5 | 1291.4 | 1294.4 | 1297.3 | 1300.2 | 1301.7 | 1302.2 | 1303.2 | 1304.1 | 1305.1 | 1306.1 |
| 145°   | 1344.4 | 1346.7 | 1349.0 | 1351.3 | 1353.6 | 1354.7 | 1355.7 | 1357.6 | 1359.6 | 1361.5 | 1363.5 |
| 147.5° | 1394.4 | 1397.3 | 1400.3 | 1403.2 | 1406.1 | 1407.6 | 1408.3 | 1409.6 | 1410.9 | 1412.2 | 1413.5 |
| 150°   | 1445.9 | 1447.9 | 1449.8 | 1451.8 | 1453.7 | 1454.7 | 1455.4 | 1456.7 | 1458.0 | 1459.3 | 1460.6 |
| 152.5° | 1491.5 | 1493.5 | 1495.4 | 1497.4 | 1499.3 | 1500.3 | 1501.1 | 1502.7 | 1504.4 | 1506.0 | 1507.6 |
| 155°   | 1537.1 | 1538.1 | 1539.1 | 1540.0 | 1541.0 | 1541.5 | 1542.0 | 1543.0 | 1543.9 | 1544.9 | 1545.9 |
| 157.5° | 1576.8 | 1577.4 | 1578.1 | 1578.7 | 1579.4 | 1579.7 | 1580.0 | 1580.7 | 1581.4 | 1582.0 | 1582.7 |
| 160°   | 1612.1 | 1612.7 | 1613.4 | 1614.0 | 1614.7 | 1615.0 | 1615.2 | 1615.5 | 1615.8 | 1616.2 | 1616.5 |
| 162.5° | 1644.4 | 1644.4 | 1644.4 | 1644.4 | 1644.4 | 1644.4 | 1644.6 | 1644.9 | 1645.2 | 1645.6 | 1645.9 |
| 165°   | 1672.4 | 1672.1 | 1671.7 | 1671.4 | 1671.1 | 1670.9 | 1670.9 | 1670.9 | 1670.9 | 1670.9 | 1670.9 |
| 167.5° | 1697.4 | 1696.4 | 1695.4 | 1694.5 | 1693.5 | 1693.0 | 1693.0 | 1693.0 | 1693.0 | 1693.0 | 1693.0 |
| 170°   | 1716.5 | 1715.5 | 1714.5 | 1713.6 | 1712.6 | 1712.1 | 1711.9 | 1711.6 | 1711.3 | 1710.9 | 1710.6 |
| 172.5° | 1729.7 | 1728.7 | 1727.7 | 1726.8 | 1725.8 | 1725.3 | 1725.1 | 1724.8 | 1724.5 | 1724.2 | 1723.9 |
| 175°   | 1740.0 | 1739.0 | 1738.0 | 1737.1 | 1736.1 | 1735.6 | 1735.3 | 1734.6 | 1734.0 | 1733.3 | 1732.7 |
| 177.5° | 1745.9 | 1744.9 | 1743.9 | 1743.0 | 1742.0 | 1741.5 | 1741.2 | 1740.5 | 1739.9 | 1739.2 | 1738.6 |
| 180°   | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  |
| 2.5°   | 967.0  | 967.7  | 969.1  | 976.3  | 979.9  | 980.6  | 977.7  | 984.2  | 986.3  | 984.2  | 982.7  |
| 5°     | 1012.8 | 1017.1 | 1025.6 | 1034.9 | 1034.2 | 1034.9 | 1039.2 | 1043.5 | 1045.0 | 1039.2 | 1041.4 |
| 7.5°   | 1052.8 | 1061.4 | 1070.7 | 1085.0 | 1085.0 | 1092.2 | 1095.0 | 1098.6 | 1107.2 | 1102.9 | 1101.5 |
| 10°    | 1098.6 | 1110.0 | 1127.2 | 1150.1 | 1150.8 | 1158.0 | 1165.1 | 1176.6 | 1180.1 | 1177.3 | 1178.7 |
| 12.5°  | 1155.8 | 1178.0 | 1179.4 | 1204.4 | 1215.9 | 1217.3 | 1228.8 | 1226.6 | 1233.8 | 1233.8 | 1245.9 |
| 15°    | 1180.8 | 1215.2 | 1234.5 | 1258.8 | 1266.0 | 1257.4 | 1266.7 | 1276.7 | 1277.4 | 1277.4 | 1276.7 |
| 17.5°  | 1225.9 | 1239.5 | 1258.8 | 1271.7 | 1274.5 | 1274.5 | 1275.3 | 1279.5 | 1276.7 | 1271.0 | 1275.3 |
| 20°    | 1235.2 | 1240.9 | 1248.1 | 1246.6 | 1248.1 | 1240.9 | 1233.8 | 1226.6 | 1227.3 | 1223.8 | 1234.5 |
| 22.5°  | 1218.0 | 1216.6 | 1200.2 | 1189.4 | 1189.4 | 1175.1 | 1161.5 | 1155.1 | 1148.7 | 1150.8 | 1154.4 |
| 25°    | 1175.1 | 1153.0 | 1132.9 | 1117.2 | 1113.6 | 1090.7 | 1072.1 | 1066.4 | 1055.7 | 1064.3 | 1065.7 |
| 27.5°  | 1106.5 | 1081.4 | 1049.2 | 1035.7 | 1017.1 | 1007.8 | 994.9  | 977.7  | 955.5  | 968.4  | 966.3  |
| 30°    | 1032.8 | 995.6  | 969.1  | 936.2  | 906.9  | 904.8  | 880.4  | 851.8  | 840.4  | 840.4  | 846.8  |
| 32.5°  | 950.5  | 901.2  | 862.6  | 816.1  | 787.5  | 775.3  | 746.0  | 717.4  | 723.8  | 702.4  | 710.2  |
| 35°    | 854.7  | 789.6  | 741.0  | 695.9  | 674.5  | 660.2  | 622.3  | 606.5  | 589.4  | 579.3  | 597.9  |
| 37.5°  | 763.2  | 688.1  | 625.8  | 576.5  | 568.6  | 542.9  | 517.1  | 507.1  | 497.1  | 501.4  | 500.7  |
| 40°    | 651.6  | 585.1  | 529.3  | 490.6  | 477.1  | 464.9  | 447.7  | 435.6  | 429.1  | 432.7  | 433.4  |
| 42.5°  | 550.7  | 494.9  | 453.5  | 426.3  | 414.8  | 406.3  | 397.7  | 387.7  | 385.5  | 385.5  | 388.4  |
| 45°    | 472.8  | 427.0  | 399.1  | 376.9  | 370.5  | 364.1  | 357.6  | 353.3  | 351.9  | 349.0  | 351.2  |
| 47.5°  | 410.5  | 374.1  | 356.9  | 340.4  | 333.3  | 331.9  | 326.1  | 324.0  | 321.1  | 320.4  | 321.1  |
| 50°    | 358.3  | 335.4  | 319.7  | 310.4  | 305.4  | 303.3  | 300.4  | 296.1  | 294.7  | 298.3  | 296.8  |
| 52.5°  | 321.9  | 300.4  | 291.8  | 282.5  | 279.7  | 276.8  | 272.5  | 273.2  | 272.5  | 271.1  | 271.1  |
| 55°    | 285.4  | 271.8  | 263.2  | 256.1  | 255.3  | 252.5  | 248.9  | 247.5  | 246.8  | 245.3  | 247.5  |
| 57.5°  | 256.1  | 245.3  | 237.5  | 231.0  | 228.2  | 228.2  | 224.6  | 221.7  | 221.7  | 221.0  | 221.7  |
| 60°    | 226.7  | 216.0  | 211.0  | 204.6  | 202.4  | 201.7  | 199.5  | 198.1  | 196.0  | 196.0  | 196.0  |
| 62.5°  | 199.5  | 191.0  | 185.2  | 179.5  | 180.2  | 176.7  | 173.8  | 172.4  | 172.4  | 173.1  | 173.1  |
| 65°    | 173.8  | 168.1  | 160.9  | 155.9  | 154.5  | 153.8  | 152.3  | 151.6  | 149.5  | 150.9  | 150.9  |
| 67.5°  | 150.2  | 142.3  | 138.0  | 135.9  | 133.7  | 133.0  | 131.6  | 130.2  | 129.5  | 128.7  | 130.2  |
| 70°    | 126.6  | 120.2  | 116.6  | 115.2  | 113.0  | 112.3  | 111.6  | 109.4  | 110.1  | 110.9  | 111.6  |
| 72.5°  | 105.1  | 99.4   | 98.7   | 94.4   | 94.4   | 94.4   | 91.5   | 93.0   | 92.3   | 90.8   | 92.3   |
| 75°    | 83.0   | 80.1   | 78.7   | 76.5   | 77.2   | 76.5   | 75.8   | 73.7   | 73.7   | 74.4   | 75.1   |
| 77.5°  | 65.8   | 62.9   | 62.2   | 60.1   | 58.6   | 60.1   | 58.6   | 57.9   | 57.9   | 58.6   | 58.6   |
| 80°    | 48.6   | 47.2   | 45.1   | 45.1   | 45.1   | 44.3   | 44.3   | 44.3   | 43.6   | 42.9   | 43.6   |
| 82.5°  | 32.2   | 32.2   | 31.5   | 30.8   | 31.5   | 30.0   | 30.8   | 30.8   | 30.8   | 30.8   | 30.8   |
| 85°    | 20.7   | 20.0   | 20.0   | 19.3   | 19.3   | 19.3   | 20.0   | 18.6   | 18.6   | 19.3   | 19.3   |
| 87.5°  | 9.3    | 9.3    | 9.3    | 10.0   | 9.3    | 9.3    | 9.3    | 10.0   | 9.3    | 9.3    | 9.3    |
| 90°    | 50.8   | 50.2   | 49.5   | 48.8   | 48.5   | 48.7   | 49.0   | 49.3   | 49.7   | 50.0   | 49.7   |
| 92.5°  | 45.9   | 46.3   | 46.6   | 46.9   | 47.1   | 47.1   | 47.1   | 47.1   | 47.1   | 47.1   | 47.1   |
| 95°    | 94.1   | 94.1   | 94.1   | 94.1   | 94.1   | 93.8   | 93.1   | 92.5   | 91.8   | 91.2   | 91.8   |
| 97.5°  | 147.1  | 147.1  | 147.1  | 147.1  | 147.1  | 147.1  | 147.1  | 147.1  | 147.1  | 147.1  | 147.1  |
| 100°   | 203.0  | 203.0  | 203.0  | 203.0  | 203.0  | 202.8  | 202.5  | 202.2  | 201.8  | 201.5  | 201.8  |
| 102.5° | 263.6  | 264.0  | 264.3  | 264.6  | 264.8  | 264.6  | 264.3  | 264.0  | 263.6  | 263.3  | 263.6  |
| 105°   | 324.2  | 324.9  | 325.5  | 326.2  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  | 326.5  |
| 107.5° | 390.1  | 390.5  | 390.8  | 391.1  | 391.3  | 390.5  | 388.8  | 387.2  | 385.5  | 383.9  | 385.5  |
| 110°   | 457.4  | 457.4  | 457.4  | 457.4  | 457.4  | 456.9  | 455.9  | 455.0  | 454.0  | 453.0  | 454.0  |

TEST NUMBER: P1029482

CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A1\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 525.6  | 524.6  | 523.7  | 522.7  | 522.2  | 521.9  | 521.2  | 520.5  | 519.9  | 519.2  | 519.9  |
| 115°   | 593.9  | 593.6  | 593.3  | 593.0  | 592.8  | 592.3  | 591.3  | 590.3  | 589.3  | 588.3  | 589.3  |
| 117.5° | 660.9  | 659.9  | 659.0  | 658.0  | 657.5  | 657.0  | 656.0  | 655.1  | 654.1  | 653.1  | 654.1  |
| 120°   | 726.6  | 726.6  | 726.6  | 726.6  | 726.6  | 726.1  | 725.1  | 724.2  | 723.2  | 722.2  | 723.2  |
| 122.5° | 796.2  | 795.2  | 794.3  | 793.3  | 792.8  | 792.5  | 791.8  | 791.2  | 790.5  | 789.9  | 790.5  |
| 125°   | 863.9  | 862.9  | 862.0  | 861.0  | 860.5  | 860.3  | 860.0  | 859.7  | 859.3  | 859.0  | 859.3  |
| 127.5° | 929.8  | 928.5  | 927.2  | 925.9  | 925.2  | 924.7  | 923.7  | 922.8  | 921.8  | 920.8  | 921.8  |
| 130°   | 996.6  | 995.9  | 995.3  | 994.6  | 994.3  | 993.6  | 992.3  | 991.0  | 989.7  | 988.4  | 989.7  |
| 132.5° | 1063.3 | 1061.7 | 1060.0 | 1058.4 | 1057.6 | 1057.1 | 1056.1 | 1055.1 | 1054.1 | 1053.1 | 1054.1 |
| 135°   | 1126.4 | 1126.0 | 1125.7 | 1125.4 | 1125.2 | 1124.7 | 1123.7 | 1122.8 | 1121.8 | 1120.8 | 1121.8 |
| 137.5° | 1188.2 | 1187.8 | 1187.5 | 1187.2 | 1187.0 | 1186.3 | 1185.0 | 1183.7 | 1182.4 | 1181.1 | 1182.4 |
| 140°   | 1250.2 | 1250.2 | 1250.2 | 1250.2 | 1250.2 | 1249.6 | 1248.3 | 1247.0 | 1245.7 | 1244.4 | 1245.7 |
| 142.5° | 1306.4 | 1306.8 | 1307.1 | 1307.4 | 1307.6 | 1306.9 | 1305.6 | 1304.3 | 1303.0 | 1301.7 | 1303.0 |
| 145°   | 1363.8 | 1364.2 | 1364.5 | 1364.8 | 1365.0 | 1364.3 | 1363.0 | 1361.7 | 1360.4 | 1359.1 | 1360.4 |
| 147.5° | 1414.1 | 1414.8 | 1415.4 | 1416.1 | 1416.4 | 1415.8 | 1414.5 | 1413.2 | 1411.9 | 1410.6 | 1411.9 |
| 150°   | 1461.6 | 1462.6 | 1463.5 | 1464.5 | 1465.0 | 1464.5 | 1463.5 | 1462.6 | 1461.6 | 1460.6 | 1461.6 |
| 152.5° | 1508.9 | 1510.2 | 1511.5 | 1512.8 | 1513.5 | 1512.8 | 1511.5 | 1510.2 | 1508.9 | 1507.6 | 1508.9 |
| 155°   | 1547.5 | 1549.1 | 1550.8 | 1552.4 | 1553.2 | 1552.7 | 1551.7 | 1550.8 | 1549.8 | 1548.8 | 1549.8 |
| 157.5° | 1585.0 | 1587.3 | 1589.6 | 1591.9 | 1593.0 | 1592.2 | 1590.5 | 1588.9 | 1587.2 | 1585.6 | 1587.2 |
| 160°   | 1618.5 | 1620.4 | 1622.4 | 1624.3 | 1625.3 | 1624.6 | 1623.3 | 1622.0 | 1620.7 | 1619.4 | 1620.7 |
| 162.5° | 1648.2 | 1650.5 | 1652.8 | 1655.1 | 1656.2 | 1655.4 | 1653.7 | 1652.1 | 1650.4 | 1648.8 | 1650.4 |
| 165°   | 1673.2 | 1675.5 | 1677.8 | 1680.1 | 1681.2 | 1680.4 | 1678.7 | 1677.1 | 1675.4 | 1673.8 | 1675.4 |
| 167.5° | 1695.3 | 1697.6 | 1699.9 | 1702.2 | 1703.3 | 1702.5 | 1700.8 | 1699.2 | 1697.5 | 1695.9 | 1697.5 |
| 170°   | 1712.9 | 1715.2 | 1717.5 | 1719.8 | 1720.9 | 1719.9 | 1718.0 | 1716.0 | 1714.1 | 1712.1 | 1714.1 |
| 172.5° | 1726.2 | 1728.5 | 1730.8 | 1733.1 | 1734.2 | 1733.2 | 1731.2 | 1729.3 | 1727.3 | 1725.3 | 1727.3 |
| 175°   | 1735.0 | 1737.3 | 1739.6 | 1741.9 | 1743.0 | 1742.0 | 1740.1 | 1738.1 | 1736.2 | 1734.2 | 1736.2 |
| 177.5° | 1740.6 | 1742.5 | 1744.5 | 1746.4 | 1747.4 | 1746.4 | 1744.5 | 1742.5 | 1740.6 | 1738.6 | 1740.6 |
| 180°   | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  |
| 2.5°   | 986.3  | 981.3  | 977.0  | 977.7  | 981.3  | 978.4  | 971.3  | 962.0  | 958.4  | 954.1  | 958.4  |
| 5°     | 1045.7 | 1041.4 | 1032.8 | 1033.5 | 1031.4 | 1028.5 | 1017.1 | 1002.8 | 1002.8 | 991.3  | 989.9  |
| 7.5°   | 1104.3 | 1097.9 | 1092.2 | 1090.7 | 1082.9 | 1077.1 | 1067.1 | 1047.1 | 1039.2 | 1025.6 | 1017.8 |
| 10°    | 1170.1 | 1165.1 | 1158.7 | 1150.8 | 1146.5 | 1136.5 | 1120.1 | 1090.7 | 1076.4 | 1057.8 | 1044.2 |
| 12.5°  | 1236.6 | 1235.9 | 1221.6 | 1205.9 | 1205.2 | 1189.4 | 1178.0 | 1138.6 | 1119.3 | 1094.3 | 1062.1 |
| 15°    | 1278.8 | 1275.3 | 1267.4 | 1259.5 | 1261.7 | 1244.5 | 1218.8 | 1172.3 | 1159.4 | 1129.3 | 1095.0 |
| 17.5°  | 1278.1 | 1278.1 | 1276.0 | 1274.5 | 1272.4 | 1267.4 | 1253.1 | 1222.3 | 1201.6 | 1163.7 | 1131.5 |
| 20°    | 1237.3 | 1246.6 | 1248.8 | 1248.1 | 1255.2 | 1258.8 | 1258.1 | 1238.8 | 1222.3 | 1188.7 | 1155.8 |
| 22.5°  | 1155.8 | 1177.3 | 1186.6 | 1192.3 | 1207.3 | 1215.2 | 1233.8 | 1226.6 | 1222.3 | 1197.3 | 1169.4 |
| 25°    | 1080.0 | 1087.2 | 1115.0 | 1116.5 | 1137.2 | 1156.5 | 1175.1 | 1187.3 | 1203.0 | 1193.7 | 1170.1 |
| 27.5°  | 982.0  | 998.5  | 1018.5 | 1033.5 | 1037.8 | 1077.1 | 1107.9 | 1130.8 | 1166.5 | 1169.4 | 1161.5 |
| 30°    | 871.2  | 879.0  | 911.9  | 931.9  | 954.8  | 983.4  | 1027.8 | 1067.1 | 1099.3 | 1128.6 | 1138.6 |
| 32.5°  | 736.0  | 768.2  | 787.5  | 811.8  | 831.8  | 882.6  | 937.0  | 987.7  | 1024.9 | 1074.3 | 1095.7 |
| 35°    | 612.2  | 637.3  | 670.2  | 680.2  | 716.7  | 759.6  | 830.4  | 895.5  | 952.0  | 1002.0 | 1045.7 |
| 37.5°  | 510.0  | 530.0  | 565.0  | 580.8  | 602.2  | 657.3  | 716.7  | 797.5  | 865.4  | 926.9  | 981.3  |
| 40°    | 439.9  | 454.9  | 481.4  | 486.4  | 504.2  | 554.3  | 602.2  | 678.0  | 768.2  | 851.1  | 910.5  |
| 42.5°  | 391.9  | 399.1  | 417.0  | 423.4  | 434.9  | 468.5  | 511.4  | 582.9  | 666.6  | 752.4  | 836.1  |
| 45°    | 357.6  | 362.6  | 373.4  | 379.1  | 393.4  | 408.4  | 443.4  | 500.7  | 566.5  | 653.0  | 743.1  |
| 47.5°  | 326.9  | 333.3  | 337.6  | 341.2  | 349.0  | 365.5  | 388.4  | 430.6  | 493.5  | 572.9  | 660.2  |
| 50°    | 301.1  | 303.3  | 311.1  | 311.8  | 316.8  | 327.6  | 349.0  | 374.8  | 424.8  | 489.2  | 573.6  |
| 52.5°  | 275.4  | 277.5  | 282.5  | 287.5  | 289.7  | 298.3  | 312.6  | 334.0  | 371.2  | 422.0  | 497.1  |
| 55°    | 249.6  | 252.5  | 257.5  | 261.1  | 263.2  | 270.4  | 278.9  | 299.7  | 329.0  | 364.8  | 426.3  |
| 57.5°  | 223.9  | 230.3  | 231.7  | 233.9  | 237.5  | 245.3  | 253.2  | 265.4  | 288.2  | 321.1  | 366.2  |
| 60°    | 199.5  | 201.7  | 206.7  | 208.8  | 212.4  | 216.7  | 226.7  | 236.0  | 252.5  | 278.2  | 319.0  |
| 62.5°  | 174.5  | 179.5  | 181.7  | 183.8  | 186.7  | 191.7  | 198.1  | 208.1  | 222.4  | 243.2  | 275.4  |
| 65°    | 153.1  | 153.8  | 158.1  | 160.9  | 163.8  | 167.4  | 173.8  | 183.1  | 191.7  | 211.0  | 234.6  |
| 67.5°  | 132.3  | 133.7  | 135.2  | 138.0  | 141.6  | 145.2  | 150.9  | 155.9  | 166.6  | 179.5  | 198.1  |
| 70°    | 112.3  | 112.3  | 115.9  | 118.0  | 117.3  | 121.6  | 125.9  | 131.6  | 139.5  | 151.6  | 166.6  |
| 72.5°  | 94.4   | 93.7   | 96.6   | 97.3   | 98.7   | 101.6  | 104.4  | 110.1  | 114.4  | 123.7  | 135.2  |
| 75°    | 75.1   | 76.5   | 78.0   | 78.0   | 80.1   | 82.3   | 85.1   | 88.0   | 93.0   | 98.7   | 107.3  |
| 77.5°  | 59.4   | 59.4   | 60.8   | 61.5   | 63.7   | 62.9   | 65.8   | 68.7   | 72.2   | 77.2   | 83.7   |
| 80°    | 43.6   | 45.1   | 45.1   | 45.1   | 45.8   | 46.5   | 49.4   | 51.5   | 53.6   | 57.2   | 60.1   |
| 82.5°  | 30.8   | 30.8   | 32.2   | 32.2   | 32.2   | 33.6   | 33.6   | 34.3   | 35.8   | 37.9   | 40.1   |
| 85°    | 19.3   | 19.3   | 19.3   | 20.0   | 19.3   | 20.0   | 21.5   | 20.7   | 21.5   | 22.9   | 22.9   |
| 87.5°  | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 10.0   | 9.3    | 10.0   | 10.7   | 10.7   | 10.7   |
| 90°    | 49.3   | 49.0   | 48.7   | 48.5   | 48.8   | 49.5   | 50.2   | 50.8   | 51.5   | 44.3   | 37.1   |
| 92.5°  | 47.1   | 47.1   | 47.1   | 47.1   | 46.9   | 46.6   | 46.3   | 45.9   | 45.6   | 45.3   | 44.9   |
| 95°    | 92.5   | 93.1   | 93.8   | 94.1   | 94.1   | 94.1   | 94.1   | 94.1   | 94.1   | 93.5   | 92.8   |
| 97.5°  | 147.1  | 147.1  | 147.1  | 147.1  | 147.1  | 147.1  | 147.1  | 147.1  | 147.1  | 145.8  | 144.5  |
| 100°   | 202.2  | 202.5  | 202.8  | 203.0  | 203.0  | 203.0  | 203.0  | 203.0  | 203.0  | 202.0  | 201.0  |
| 102.5° | 264.0  | 264.3  | 264.6  | 264.8  | 264.6  | 264.3  | 264.0  | 263.6  | 263.3  | 262.0  | 260.7  |
| 105°   | 326.5  | 326.5  | 326.5  | 326.5  | 326.2  | 325.5  | 324.9  | 324.2  | 323.6  | 322.9  | 322.3  |
| 107.5° | 387.2  | 388.8  | 390.5  | 391.3  | 391.1  | 390.8  | 390.5  | 390.1  | 389.8  | 389.8  | 389.8  |
| 110°   | 455.0  | 455.9  | 456.9  | 457.4  | 457.4  | 457.4  | 457.4  | 457.4  | 457.4  | 457.4  | 457.4  |

TEST NUMBER: P1029482

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 520.5  | 521.2  | 521.9  | 522.2  | 522.7  | 523.7  | 524.6  | 525.6  | 526.6  | 526.9  | 527.2  |
| 115°   | 590.3  | 591.3  | 592.3  | 592.8  | 593.0  | 593.3  | 593.6  | 593.9  | 594.2  | 594.9  | 595.5  |
| 117.5° | 655.1  | 656.0  | 657.0  | 657.5  | 658.0  | 659.0  | 659.9  | 660.9  | 661.9  | 663.5  | 665.1  |
| 120°   | 724.2  | 725.1  | 726.1  | 726.6  | 726.6  | 726.6  | 726.6  | 726.6  | 726.6  | 729.2  | 731.8  |
| 122.5° | 791.2  | 791.8  | 792.5  | 792.8  | 793.3  | 794.3  | 795.2  | 796.2  | 797.2  | 798.8  | 800.5  |
| 125°   | 859.7  | 860.0  | 860.3  | 860.5  | 861.0  | 862.0  | 862.9  | 863.9  | 864.9  | 865.9  | 866.9  |
| 127.5° | 922.8  | 923.7  | 924.7  | 925.2  | 925.9  | 927.2  | 928.5  | 929.8  | 931.1  | 932.4  | 933.7  |
| 130°   | 991.0  | 992.3  | 993.6  | 994.3  | 994.6  | 995.3  | 995.9  | 996.6  | 997.2  | 997.9  | 998.5  |
| 132.5° | 1055.1 | 1056.1 | 1057.1 | 1057.6 | 1058.4 | 1060.0 | 1061.7 | 1063.3 | 1064.9 | 1064.6 | 1064.2 |
| 135°   | 1122.8 | 1123.7 | 1124.7 | 1125.2 | 1125.4 | 1125.7 | 1126.0 | 1126.4 | 1126.7 | 1126.0 | 1125.4 |
| 137.5° | 1183.7 | 1185.0 | 1186.3 | 1187.0 | 1187.2 | 1187.5 | 1187.8 | 1188.2 | 1188.5 | 1187.8 | 1187.2 |
| 140°   | 1247.0 | 1248.3 | 1249.6 | 1250.2 | 1250.2 | 1250.2 | 1250.2 | 1250.2 | 1250.2 | 1248.6 | 1247.0 |
| 142.5° | 1304.3 | 1305.6 | 1306.9 | 1307.6 | 1307.4 | 1307.1 | 1306.8 | 1306.4 | 1306.1 | 1305.1 | 1304.1 |
| 145°   | 1361.7 | 1363.0 | 1364.3 | 1365.0 | 1364.8 | 1364.5 | 1364.2 | 1363.8 | 1363.5 | 1361.5 | 1359.6 |
| 147.5° | 1413.2 | 1414.5 | 1415.8 | 1416.4 | 1416.1 | 1415.4 | 1414.8 | 1414.1 | 1413.5 | 1412.2 | 1410.9 |
| 150°   | 1462.6 | 1463.5 | 1464.5 | 1465.0 | 1464.5 | 1463.5 | 1462.6 | 1461.6 | 1460.6 | 1459.3 | 1458.0 |
| 152.5° | 1510.2 | 1511.5 | 1512.8 | 1513.5 | 1512.8 | 1511.5 | 1510.2 | 1508.9 | 1507.6 | 1506.0 | 1504.4 |
| 155°   | 1550.8 | 1551.7 | 1552.7 | 1553.2 | 1552.4 | 1550.8 | 1549.1 | 1547.5 | 1545.9 | 1544.9 | 1543.9 |
| 157.5° | 1588.9 | 1590.5 | 1592.2 | 1593.0 | 1591.9 | 1589.6 | 1587.3 | 1585.0 | 1582.7 | 1582.0 | 1581.4 |
| 160°   | 1622.0 | 1623.3 | 1624.6 | 1625.3 | 1624.3 | 1622.4 | 1620.4 | 1618.5 | 1616.5 | 1616.2 | 1615.8 |
| 162.5° | 1652.1 | 1653.7 | 1655.4 | 1656.2 | 1655.1 | 1652.8 | 1650.5 | 1648.2 | 1645.9 | 1645.6 | 1645.2 |
| 165°   | 1677.1 | 1678.7 | 1680.4 | 1681.2 | 1680.1 | 1677.8 | 1675.5 | 1673.2 | 1670.9 | 1670.9 | 1670.9 |
| 167.5° | 1699.2 | 1700.8 | 1702.5 | 1703.3 | 1702.2 | 1699.9 | 1697.6 | 1695.3 | 1693.0 | 1693.0 | 1693.0 |
| 170°   | 1716.0 | 1718.0 | 1719.9 | 1720.9 | 1719.8 | 1717.5 | 1715.2 | 1712.9 | 1710.6 | 1710.9 | 1711.3 |
| 172.5° | 1729.3 | 1731.2 | 1733.2 | 1734.2 | 1733.1 | 1730.8 | 1728.5 | 1726.2 | 1723.9 | 1724.2 | 1724.5 |
| 175°   | 1738.1 | 1740.1 | 1742.0 | 1743.0 | 1741.9 | 1739.6 | 1737.3 | 1735.0 | 1732.7 | 1733.3 | 1734.0 |
| 177.5° | 1742.5 | 1744.5 | 1746.4 | 1747.4 | 1746.4 | 1744.5 | 1742.5 | 1740.6 | 1738.6 | 1739.2 | 1739.9 |
| 180°   | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 930.5  | 930.5  | 930.5  | 930.5  | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 |
| 2.5°   | 954.8  | 951.3  | 949.1  | 950.5  | 946.3 | 935.5 | 935.5 | 939.1 | 934.8 | 930.5 | 924.1 |
| 5°     | 981.3  | 974.1  | 969.9  | 969.1  | 959.1 | 942.0 | 938.4 | 934.8 | 925.5 | 915.5 | 904.8 |
| 7.5°   | 1007.0 | 994.2  | 987.0  | 982.0  | 967.7 | 945.5 | 936.2 | 928.4 | 913.3 | 898.3 | 884.7 |
| 10°    | 1028.5 | 1009.9 | 1001.3 | 993.5  | 974.9 | 947.0 | 931.9 | 917.6 | 898.3 | 879.0 | 861.9 |
| 12.5°  | 1045.7 | 1024.2 | 1013.5 | 1002.0 | 979.2 | 942.7 | 924.1 | 901.2 | 881.9 | 856.1 | 839.0 |
| 15°    | 1074.3 | 1029.9 | 1019.9 | 1009.2 | 985.6 | 935.5 | 912.6 | 886.9 | 860.4 | 826.1 | 807.5 |
| 17.5°  | 1097.2 | 1037.8 | 1037.1 | 1014.2 | 983.4 | 932.7 | 897.6 | 864.0 | 835.4 | 801.1 | 771.7 |
| 20°    | 1110.8 | 1050.0 | 1038.5 | 1014.9 | 976.3 | 913.3 | 876.9 | 839.7 | 808.9 | 767.4 | 738.1 |
| 22.5°  | 1122.2 | 1067.1 | 1037.1 | 1008.5 | 961.3 | 906.9 | 853.3 | 818.2 | 776.0 | 731.0 | 703.1 |
| 25°    | 1126.5 | 1070.7 | 1039.2 | 1006.3 | 950.5 | 888.3 | 827.5 | 789.6 | 742.4 | 701.6 | 663.7 |
| 27.5°  | 1127.2 | 1070.0 | 1031.4 | 997.0  | 935.5 | 864.0 | 801.8 | 761.7 | 709.5 | 662.3 | 624.4 |
| 30°    | 1120.1 | 1062.1 | 1027.1 | 989.9  | 921.2 | 841.8 | 770.3 | 726.0 | 670.2 | 623.0 | 583.6 |
| 32.5°  | 1098.6 | 1046.4 | 1017.8 | 977.0  | 902.6 | 811.1 | 740.3 | 690.9 | 632.3 | 585.8 | 547.9 |
| 35°    | 1062.8 | 1027.1 | 995.6  | 957.7  | 878.3 | 782.5 | 710.2 | 652.3 | 592.9 | 548.6 | 512.8 |
| 37.5°  | 1018.5 | 999.2  | 969.9  | 932.7  | 850.4 | 756.7 | 676.6 | 612.2 | 552.9 | 510.0 | 474.9 |
| 40°    | 958.4  | 963.4  | 934.8  | 901.2  | 817.5 | 721.7 | 633.0 | 571.5 | 515.7 | 475.6 | 441.3 |
| 42.5°  | 893.3  | 914.1  | 897.6  | 865.4  | 781.0 | 683.0 | 600.8 | 532.8 | 478.5 | 437.0 | 408.4 |
| 45°    | 823.2  | 859.0  | 849.0  | 825.4  | 743.1 | 642.3 | 555.0 | 489.2 | 441.3 | 401.2 | 376.2 |
| 47.5°  | 746.7  | 797.5  | 797.5  | 780.3  | 700.9 | 601.5 | 515.7 | 448.4 | 401.2 | 372.6 | 348.3 |
| 50°    | 668.7  | 726.0  | 735.3  | 723.8  | 653.7 | 555.0 | 467.8 | 407.0 | 366.2 | 338.3 | 320.4 |
| 52.5°  | 587.2  | 653.7  | 670.9  | 665.2  | 603.7 | 510.7 | 428.4 | 369.1 | 331.9 | 307.5 | 291.8 |
| 55°    | 509.2  | 586.5  | 605.1  | 607.2  | 550.0 | 462.0 | 384.8 | 332.6 | 296.8 | 280.4 | 266.8 |
| 57.5°  | 435.6  | 510.0  | 530.7  | 534.3  | 495.7 | 417.7 | 344.0 | 298.3 | 266.1 | 252.5 | 241.7 |
| 60°    | 372.6  | 434.9  | 462.0  | 469.9  | 436.3 | 366.2 | 306.1 | 261.8 | 237.5 | 224.6 | 214.6 |
| 62.5°  | 321.1  | 371.2  | 399.8  | 402.0  | 386.9 | 321.1 | 266.8 | 229.6 | 208.8 | 197.4 | 192.4 |
| 65°    | 271.1  | 316.1  | 333.3  | 341.9  | 329.7 | 278.2 | 230.3 | 199.5 | 183.1 | 173.1 | 168.1 |
| 67.5°  | 231.0  | 259.6  | 273.9  | 285.4  | 273.2 | 234.6 | 196.0 | 170.9 | 158.8 | 148.8 | 145.9 |
| 70°    | 189.5  | 213.1  | 223.9  | 235.3  | 224.6 | 195.3 | 167.4 | 144.5 | 133.7 | 125.9 | 122.3 |
| 72.5°  | 151.6  | 170.2  | 180.2  | 187.4  | 181.0 | 156.6 | 133.7 | 118.0 | 110.1 | 104.4 | 102.3 |
| 75°    | 120.2  | 133.0  | 138.8  | 143.8  | 140.9 | 122.3 | 108.0 | 95.1  | 88.0  | 83.0  | 81.5  |
| 77.5°  | 91.5   | 100.8  | 107.3  | 108.7  | 105.1 | 93.0  | 80.8  | 73.0  | 67.2  | 64.4  | 62.9  |
| 80°    | 65.1   | 70.8   | 74.4   | 76.5   | 73.0  | 67.9  | 59.4  | 53.6  | 48.6  | 45.1  | 44.3  |
| 82.5°  | 43.6   | 46.5   | 49.4   | 48.6   | 47.2  | 42.9  | 37.9  | 35.0  | 32.9  | 30.0  | 30.0  |
| 85°    | 25.0   | 25.7   | 27.2   | 27.9   | 27.2  | 24.3  | 21.5  | 20.0  | 18.6  | 16.5  | 16.5  |
| 87.5°  | 10.7   | 11.4   | 11.4   | 12.2   | 10.7  | 10.7  | 9.3   | 7.9   | 7.9   | 7.2   | 6.4   |
| 90°    | 29.9   | 22.7   | 19.1   | 17.1   | 13.2  | 9.3   | 5.4   | 1.5   | 5.4   | 9.3   | 13.2  |
| 92.5°  | 44.6   | 44.3   | 44.1   | 42.8   | 40.2  | 37.6  | 35.0  | 32.4  | 35.0  | 37.6  | 40.2  |
| 95°    | 92.2   | 91.5   | 91.2   | 89.6   | 86.3  | 83.0  | 79.8  | 76.5  | 79.8  | 83.0  | 86.3  |
| 97.5°  | 143.2  | 141.9  | 141.2  | 139.7  | 136.8 | 133.9 | 130.9 | 128.0 | 130.9 | 133.9 | 136.8 |
| 100°   | 200.1  | 199.1  | 198.6  | 197.3  | 194.7 | 192.0 | 189.4 | 186.8 | 189.4 | 192.0 | 194.7 |
| 102.5° | 259.4  | 258.1  | 257.4  | 256.4  | 254.5 | 252.5 | 250.6 | 248.6 | 250.6 | 252.5 | 254.5 |
| 105°   | 321.6  | 320.9  | 320.6  | 320.1  | 319.1 | 318.2 | 317.2 | 316.2 | 317.2 | 318.2 | 319.1 |
| 107.5° | 389.8  | 389.8  | 389.8  | 389.1  | 387.8 | 386.5 | 385.2 | 383.9 | 385.2 | 386.5 | 387.8 |
| 110°   | 457.4  | 457.4  | 457.4  | 456.4  | 454.5 | 452.5 | 450.6 | 448.6 | 450.6 | 452.5 | 454.5 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 527.5  | 527.8  | 528.0  | 527.0  | 525.1  | 523.1  | 521.2  | 519.2  | 521.2  | 523.1  | 525.1  |
| 115°   | 596.2  | 596.9  | 597.2  | 596.2  | 594.2  | 592.3  | 590.3  | 588.3  | 590.3  | 592.3  | 594.2  |
| 117.5° | 666.8  | 668.4  | 669.2  | 667.9  | 665.3  | 662.7  | 660.1  | 657.5  | 660.1  | 662.7  | 665.3  |
| 120°   | 734.5  | 737.1  | 738.4  | 737.1  | 734.5  | 731.8  | 729.2  | 726.6  | 729.2  | 731.8  | 734.5  |
| 122.5° | 802.1  | 803.8  | 804.6  | 803.0  | 799.7  | 796.4  | 793.2  | 789.9  | 793.2  | 796.4  | 799.7  |
| 125°   | 867.8  | 868.8  | 869.3  | 867.8  | 864.9  | 861.9  | 859.0  | 856.0  | 859.0  | 861.9  | 864.9  |
| 127.5° | 935.0  | 936.3  | 936.9  | 935.1  | 931.5  | 928.0  | 924.4  | 920.8  | 924.4  | 928.0  | 931.5  |
| 130°   | 999.2  | 999.9  | 1000.2 | 998.1  | 993.8  | 989.6  | 985.3  | 981.1  | 985.3  | 989.6  | 993.8  |
| 132.5° | 1063.9 | 1063.6 | 1063.4 | 1061.8 | 1058.5 | 1055.2 | 1052.0 | 1048.7 | 1052.0 | 1055.2 | 1058.5 |
| 135°   | 1124.7 | 1124.0 | 1123.7 | 1121.9 | 1118.3 | 1114.8 | 1111.2 | 1107.6 | 1111.2 | 1114.8 | 1118.3 |
| 137.5° | 1186.5 | 1185.8 | 1185.5 | 1184.0 | 1181.1 | 1178.2 | 1175.2 | 1172.3 | 1175.2 | 1178.2 | 1181.1 |
| 140°   | 1245.3 | 1243.7 | 1242.9 | 1241.4 | 1238.5 | 1235.5 | 1232.6 | 1229.6 | 1232.6 | 1235.5 | 1238.5 |
| 142.5° | 1303.2 | 1302.2 | 1301.7 | 1300.2 | 1297.3 | 1294.4 | 1291.4 | 1288.5 | 1291.4 | 1294.4 | 1297.3 |
| 145°   | 1357.6 | 1355.7 | 1354.7 | 1353.6 | 1351.3 | 1349.0 | 1346.7 | 1344.4 | 1346.7 | 1349.0 | 1351.3 |
| 147.5° | 1409.6 | 1408.3 | 1407.6 | 1406.1 | 1403.2 | 1400.3 | 1397.3 | 1394.4 | 1397.3 | 1400.3 | 1403.2 |
| 150°   | 1456.7 | 1455.4 | 1454.7 | 1453.7 | 1451.8 | 1449.8 | 1447.9 | 1445.9 | 1447.9 | 1449.8 | 1451.8 |
| 152.5° | 1502.7 | 1501.1 | 1500.3 | 1499.3 | 1497.4 | 1495.4 | 1493.5 | 1491.5 | 1493.5 | 1495.4 | 1497.4 |
| 155°   | 1543.0 | 1542.0 | 1541.5 | 1541.0 | 1540.0 | 1539.1 | 1538.1 | 1537.1 | 1538.1 | 1539.1 | 1540.0 |
| 157.5° | 1580.7 | 1580.0 | 1579.7 | 1579.4 | 1578.7 | 1578.1 | 1577.4 | 1576.8 | 1577.4 | 1578.1 | 1578.7 |
| 160°   | 1615.5 | 1615.2 | 1615.0 | 1614.7 | 1614.0 | 1613.4 | 1612.7 | 1612.1 | 1612.7 | 1613.4 | 1614.0 |
| 162.5° | 1644.9 | 1644.6 | 1644.4 | 1644.4 | 1644.4 | 1644.4 | 1644.4 | 1644.4 | 1644.4 | 1644.4 | 1644.4 |
| 165°   | 1670.9 | 1670.9 | 1670.9 | 1671.1 | 1671.4 | 1671.7 | 1672.1 | 1672.4 | 1672.1 | 1671.7 | 1671.4 |
| 167.5° | 1693.0 | 1693.0 | 1693.0 | 1693.5 | 1694.5 | 1695.4 | 1696.4 | 1697.4 | 1696.4 | 1695.4 | 1694.5 |
| 170°   | 1711.6 | 1711.9 | 1712.1 | 1712.6 | 1713.6 | 1714.5 | 1715.5 | 1716.5 | 1715.5 | 1714.5 | 1713.6 |
| 172.5° | 1724.8 | 1725.1 | 1725.3 | 1725.8 | 1726.8 | 1727.7 | 1728.7 | 1729.7 | 1728.7 | 1727.7 | 1726.8 |
| 175°   | 1734.6 | 1735.3 | 1735.6 | 1736.1 | 1737.1 | 1738.0 | 1739.0 | 1740.0 | 1739.0 | 1738.0 | 1737.1 |
| 177.5° | 1740.5 | 1741.2 | 1741.5 | 1742.0 | 1743.0 | 1743.9 | 1744.9 | 1745.9 | 1744.9 | 1743.9 | 1743.0 |
| 180°   | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 930.5 | 930.5  | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 |
| 2.5°   | 920.5 | 924.1  | 923.4 | 916.2 | 908.3 | 901.9 | 889.7 | 891.2 | 886.9 | 887.6 | 891.9 |
| 5°     | 897.6 | 897.6  | 894.8 | 884.7 | 871.9 | 864.7 | 851.1 | 847.5 | 839.0 | 838.3 | 837.5 |
| 7.5°   | 873.3 | 869.7  | 866.1 | 851.8 | 836.1 | 824.7 | 806.1 | 801.8 | 793.2 | 787.5 | 784.6 |
| 10°    | 844.7 | 839.7  | 832.5 | 816.1 | 796.8 | 782.5 | 763.2 | 757.4 | 741.0 | 733.8 | 729.5 |
| 12.5°  | 813.2 | 810.4  | 798.9 | 785.3 | 753.9 | 738.1 | 710.2 | 715.9 | 699.5 | 685.2 | 683.0 |
| 15°    | 781.7 | 771.0  | 764.6 | 742.4 | 704.5 | 697.3 | 675.2 | 663.7 | 648.7 | 637.3 | 637.3 |
| 17.5°  | 751.0 | 734.5  | 720.2 | 696.6 | 668.7 | 648.7 | 632.3 | 626.5 | 607.9 | 596.5 | 594.4 |
| 20°    | 710.2 | 691.6  | 688.1 | 654.4 | 635.1 | 613.0 | 597.2 | 582.9 | 569.3 | 564.3 | 560.7 |
| 22.5°  | 671.6 | 650.1  | 644.4 | 615.8 | 596.5 | 574.3 | 558.6 | 548.6 | 538.6 | 535.0 | 528.6 |
| 25°    | 630.1 | 617.2  | 608.7 | 577.9 | 556.4 | 535.7 | 525.0 | 517.8 | 508.5 | 507.8 | 503.5 |
| 27.5°  | 590.1 | 577.9  | 569.3 | 540.0 | 524.3 | 505.0 | 496.4 | 488.5 | 483.5 | 481.4 | 479.2 |
| 30°    | 555.7 | 542.1  | 532.1 | 510.7 | 491.4 | 475.6 | 468.5 | 463.5 | 460.6 | 457.0 | 456.3 |
| 32.5°  | 517.8 | 510.0  | 496.4 | 479.9 | 464.9 | 449.9 | 445.6 | 442.0 | 437.7 | 436.3 | 435.6 |
| 35°    | 485.6 | 474.9  | 466.3 | 447.7 | 441.3 | 428.4 | 423.4 | 420.6 | 414.8 | 413.4 | 412.0 |
| 37.5°  | 454.2 | 444.2  | 434.9 | 423.4 | 411.3 | 404.1 | 401.2 | 397.0 | 394.1 | 394.8 | 393.4 |
| 40°    | 422.7 | 414.8  | 407.7 | 395.5 | 388.4 | 384.8 | 379.1 | 374.8 | 373.4 | 374.1 | 373.4 |
| 42.5°  | 391.9 | 384.8  | 380.5 | 371.2 | 364.1 | 360.5 | 356.9 | 352.6 | 354.8 | 354.8 | 356.9 |
| 45°    | 364.1 | 357.6  | 354.8 | 347.6 | 343.3 | 337.6 | 334.0 | 333.3 | 336.2 | 335.4 | 335.4 |
| 47.5°  | 335.4 | 333.3  | 329.7 | 323.3 | 317.6 | 314.0 | 313.3 | 313.3 | 316.1 | 317.6 | 316.8 |
| 50°    | 313.3 | 309.0  | 304.7 | 299.7 | 295.4 | 294.0 | 291.8 | 293.2 | 296.1 | 296.1 | 297.5 |
| 52.5°  | 285.4 | 282.5  | 281.1 | 276.8 | 273.9 | 273.9 | 273.9 | 274.6 | 276.8 | 278.9 | 278.2 |
| 55°    | 261.1 | 258.9  | 257.5 | 255.3 | 251.8 | 252.5 | 251.8 | 253.2 | 255.3 | 257.5 | 258.9 |
| 57.5°  | 235.3 | 234.6  | 233.2 | 229.6 | 229.6 | 228.9 | 231.0 | 231.7 | 235.3 | 236.7 | 238.9 |
| 60°    | 212.4 | 210.3  | 210.3 | 207.4 | 207.4 | 207.4 | 209.6 | 211.7 | 214.6 | 215.3 | 216.7 |
| 62.5°  | 188.1 | 188.1  | 187.4 | 185.2 | 185.2 | 187.4 | 188.1 | 191.0 | 192.4 | 192.4 | 194.5 |
| 65°    | 165.2 | 164.5  | 163.8 | 164.5 | 165.2 | 165.2 | 167.4 | 168.8 | 170.2 | 170.9 | 171.7 |
| 67.5°  | 142.3 | 141.6  | 143.0 | 142.3 | 143.8 | 146.6 | 145.9 | 148.1 | 150.2 | 150.2 | 150.9 |
| 70°    | 120.9 | 122.3  | 121.6 | 123.0 | 122.3 | 123.7 | 125.9 | 126.6 | 126.6 | 127.3 | 129.5 |
| 72.5°  | 100.8 | 100.8  | 100.8 | 100.1 | 100.8 | 102.3 | 103.7 | 104.4 | 105.9 | 106.6 | 108.7 |
| 75°    | 81.5  | 81.5   | 80.1  | 81.5  | 81.5  | 83.0  | 84.4  | 84.4  | 84.4  | 85.8  | 88.0  |
| 77.5°  | 61.5  | 62.2   | 61.5  | 62.9  | 62.9  | 63.7  | 65.1  | 64.4  | 65.8  | 66.5  | 67.2  |
| 80°    | 45.1  | 44.3   | 44.3  | 44.3  | 45.1  | 45.1  | 46.5  | 47.2  | 47.2  | 49.4  | 47.9  |
| 82.5°  | 28.6  | 29.3   | 28.6  | 29.3  | 29.3  | 30.0  | 29.3  | 30.0  | 30.8  | 32.2  | 31.5  |
| 85°    | 16.5  | 15.7   | 15.7  | 16.5  | 15.7  | 15.7  | 16.5  | 15.7  | 16.5  | 15.7  | 16.5  |
| 87.5°  | 6.4   | 5.7    | 5.7   | 5.7   | 5.7   | 5.0   | 5.0   | 4.3   | 4.3   | 4.3   | 3.6   |
| 90°    | 17.1  | 19.1   | 22.7  | 29.9  | 37.1  | 44.3  | 51.5  | 50.8  | 50.2  | 49.5  | 48.8  |
| 92.5°  | 42.8  | 44.1   | 44.3  | 44.6  | 44.9  | 45.3  | 45.6  | 45.9  | 46.3  | 46.6  | 46.9  |
| 95°    | 89.6  | 91.2   | 91.5  | 92.2  | 92.8  | 93.5  | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  |
| 97.5°  | 139.7 | 141.2  | 141.9 | 143.2 | 144.5 | 145.8 | 147.1 | 147.1 | 147.1 | 147.1 | 147.1 |
| 100°   | 197.3 | 198.6  | 199.1 | 200.1 | 201.0 | 202.0 | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 |
| 102.5° | 256.4 | 257.4  | 258.1 | 259.4 | 260.7 | 262.0 | 263.3 | 263.6 | 264.0 | 264.3 | 264.6 |
| 105°   | 320.1 | 320.6  | 320.9 | 321.6 | 322.3 | 322.9 | 323.6 | 324.2 | 324.9 | 325.5 | 326.2 |
| 107.5° | 389.1 | 389.8  | 389.8 | 389.8 | 389.8 | 389.8 | 389.8 | 390.1 | 390.5 | 390.8 | 391.1 |
| 110°   | 456.4 | 457.4  | 457.4 | 457.4 | 457.4 | 457.4 | 457.4 | 457.4 | 457.4 | 457.4 | 457.4 |

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CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A1\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 527.0  | 528.0  | 527.8  | 527.5  | 527.2  | 526.9  | 526.6  | 525.6  | 524.6  | 523.7  | 522.7  |
| 115°   | 596.2  | 597.2  | 596.9  | 596.2  | 595.5  | 594.9  | 594.2  | 593.9  | 593.6  | 593.3  | 593.0  |
| 117.5° | 667.9  | 669.2  | 668.4  | 666.8  | 665.1  | 663.5  | 661.9  | 660.9  | 659.9  | 659.0  | 658.0  |
| 120°   | 737.1  | 738.4  | 737.1  | 734.5  | 731.8  | 729.2  | 726.6  | 726.6  | 726.6  | 726.6  | 726.6  |
| 122.5° | 803.0  | 804.6  | 803.8  | 802.1  | 800.5  | 798.8  | 797.2  | 796.2  | 795.2  | 794.3  | 793.3  |
| 125°   | 867.8  | 869.3  | 868.8  | 867.8  | 866.9  | 865.9  | 864.9  | 863.9  | 862.9  | 862.0  | 861.0  |
| 127.5° | 935.1  | 936.9  | 936.3  | 935.0  | 933.7  | 932.4  | 931.1  | 929.8  | 928.5  | 927.2  | 925.9  |
| 130°   | 998.1  | 1000.2 | 999.9  | 999.2  | 998.5  | 997.9  | 997.2  | 996.6  | 995.9  | 995.3  | 994.6  |
| 132.5° | 1061.8 | 1063.4 | 1063.6 | 1063.9 | 1064.2 | 1064.6 | 1064.9 | 1063.3 | 1061.7 | 1060.0 | 1058.4 |
| 135°   | 1121.9 | 1123.7 | 1124.0 | 1124.7 | 1125.4 | 1126.0 | 1126.7 | 1126.4 | 1126.0 | 1125.7 | 1125.4 |
| 137.5° | 1184.0 | 1185.5 | 1185.8 | 1186.5 | 1187.2 | 1187.8 | 1188.5 | 1188.2 | 1187.8 | 1187.5 | 1187.2 |
| 140°   | 1241.4 | 1242.9 | 1243.7 | 1245.3 | 1247.0 | 1248.6 | 1250.2 | 1250.2 | 1250.2 | 1250.2 | 1250.2 |
| 142.5° | 1300.2 | 1301.7 | 1302.2 | 1303.2 | 1304.1 | 1305.1 | 1306.1 | 1306.4 | 1306.8 | 1307.1 | 1307.4 |
| 145°   | 1353.6 | 1354.7 | 1355.7 | 1357.6 | 1359.6 | 1361.5 | 1363.5 | 1363.8 | 1364.2 | 1364.5 | 1364.8 |
| 147.5° | 1406.1 | 1407.6 | 1408.3 | 1409.6 | 1410.9 | 1412.2 | 1413.5 | 1414.1 | 1414.8 | 1415.4 | 1416.1 |
| 150°   | 1453.7 | 1454.7 | 1455.4 | 1456.7 | 1458.0 | 1459.3 | 1460.6 | 1461.6 | 1462.6 | 1463.5 | 1464.5 |
| 152.5° | 1499.3 | 1500.3 | 1501.1 | 1502.7 | 1504.4 | 1506.0 | 1507.6 | 1508.9 | 1510.2 | 1511.5 | 1512.8 |
| 155°   | 1541.0 | 1541.5 | 1542.0 | 1543.0 | 1543.9 | 1544.9 | 1545.9 | 1547.5 | 1549.1 | 1550.8 | 1552.4 |
| 157.5° | 1579.4 | 1579.7 | 1580.0 | 1580.7 | 1581.4 | 1582.0 | 1582.7 | 1585.0 | 1587.3 | 1589.6 | 1591.9 |
| 160°   | 1614.7 | 1615.0 | 1615.2 | 1615.5 | 1615.8 | 1616.2 | 1616.5 | 1618.5 | 1620.4 | 1622.4 | 1624.3 |
| 162.5° | 1644.4 | 1644.4 | 1644.6 | 1644.9 | 1645.2 | 1645.6 | 1645.9 | 1648.2 | 1650.5 | 1652.8 | 1655.1 |
| 165°   | 1671.1 | 1670.9 | 1670.9 | 1670.9 | 1670.9 | 1670.9 | 1670.9 | 1673.2 | 1675.5 | 1677.8 | 1680.1 |
| 167.5° | 1693.5 | 1693.0 | 1693.0 | 1693.0 | 1693.0 | 1693.0 | 1693.0 | 1695.3 | 1697.6 | 1699.9 | 1702.2 |
| 170°   | 1712.6 | 1712.1 | 1711.9 | 1711.6 | 1711.3 | 1710.9 | 1710.6 | 1712.9 | 1715.2 | 1717.5 | 1719.8 |
| 172.5° | 1725.8 | 1725.3 | 1725.1 | 1724.8 | 1724.5 | 1724.2 | 1723.9 | 1726.2 | 1728.5 | 1730.8 | 1733.1 |
| 175°   | 1736.1 | 1735.6 | 1735.3 | 1734.6 | 1734.0 | 1733.3 | 1732.7 | 1735.0 | 1737.3 | 1739.6 | 1741.9 |
| 177.5° | 1742.0 | 1741.5 | 1741.2 | 1740.5 | 1739.9 | 1739.2 | 1738.6 | 1740.6 | 1742.5 | 1744.5 | 1746.4 |
| 180°   | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 930.5  | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5  |
| 2.5°   | 886.9  | 889.0 | 884.0 | 882.6 | 884.0 | 879.0 | 880.4 | 881.9 | 881.9 | 884.0 | 885.5  |
| 5°     | 835.4  | 832.5 | 827.5 | 826.1 | 824.7 | 826.8 | 825.4 | 827.5 | 828.2 | 833.2 | 834.0  |
| 7.5°   | 784.6  | 780.3 | 776.0 | 771.7 | 770.3 | 766.7 | 770.3 | 770.3 | 775.3 | 773.9 | 777.5  |
| 10°    | 724.5  | 723.8 | 718.1 | 715.9 | 713.1 | 707.4 | 715.2 | 713.1 | 716.7 | 723.1 | 724.5  |
| 12.5°  | 680.2  | 672.3 | 675.9 | 665.9 | 669.5 | 663.7 | 664.4 | 664.4 | 670.2 | 670.9 | 669.5  |
| 15°    | 638.0  | 631.5 | 622.3 | 618.0 | 615.8 | 613.0 | 622.3 | 623.0 | 618.7 | 628.7 | 625.1  |
| 17.5°  | 595.1  | 595.1 | 586.5 | 584.3 | 578.6 | 581.5 | 580.1 | 580.8 | 579.3 | 586.5 | 590.1  |
| 20°    | 557.9  | 554.3 | 551.4 | 552.2 | 545.0 | 543.6 | 542.1 | 543.6 | 548.6 | 553.6 | 555.0  |
| 22.5°  | 527.8  | 525.7 | 518.5 | 520.0 | 514.3 | 516.4 | 515.0 | 518.5 | 519.3 | 519.3 | 524.3  |
| 25°    | 499.2  | 496.4 | 497.1 | 494.2 | 492.1 | 492.1 | 489.9 | 492.1 | 494.9 | 496.4 | 497.1  |
| 27.5°  | 477.8  | 475.6 | 472.1 | 469.9 | 471.3 | 467.8 | 470.6 | 472.8 | 472.8 | 471.3 | 472.8  |
| 30°    | 452.0  | 453.5 | 453.5 | 446.3 | 449.2 | 447.7 | 449.9 | 451.3 | 451.3 | 452.0 | 450.6  |
| 32.5°  | 434.9  | 430.6 | 429.9 | 429.1 | 429.1 | 426.3 | 426.3 | 428.4 | 429.1 | 429.9 | 432.0  |
| 35°    | 412.0  | 412.0 | 408.4 | 410.5 | 407.7 | 408.4 | 407.7 | 408.4 | 409.8 | 407.7 | 409.8  |
| 37.5°  | 391.2  | 391.9 | 390.5 | 391.9 | 392.7 | 391.2 | 389.8 | 392.7 | 391.2 | 391.2 | 389.8  |
| 40°    | 373.4  | 372.6 | 373.4 | 373.4 | 373.4 | 374.1 | 372.6 | 372.6 | 372.6 | 371.2 | 369.8  |
| 42.5°  | 358.3  | 354.0 | 355.5 | 356.2 | 354.0 | 354.0 | 354.8 | 354.0 | 356.2 | 351.9 | 351.9  |
| 45°    | 336.9  | 335.4 | 336.2 | 336.2 | 337.6 | 335.4 | 336.9 | 337.6 | 335.4 | 334.7 | 333.3  |
| 47.5°  | 317.6  | 319.0 | 317.6 | 319.0 | 319.0 | 320.4 | 317.6 | 318.3 | 319.0 | 316.1 | 314.0  |
| 50°    | 298.3  | 298.3 | 300.4 | 299.7 | 300.4 | 299.0 | 299.0 | 298.3 | 299.0 | 297.5 | 295.4  |
| 52.5°  | 280.4  | 278.2 | 281.8 | 281.1 | 280.4 | 279.7 | 278.9 | 279.7 | 278.2 | 276.8 | 276.8  |
| 55°    | 258.2  | 258.2 | 260.3 | 261.1 | 261.1 | 259.6 | 258.2 | 258.9 | 258.2 | 257.5 | 256.8  |
| 57.5°  | 240.3  | 237.5 | 238.9 | 239.6 | 239.6 | 237.5 | 238.9 | 237.5 | 237.5 | 238.2 | 236.0  |
| 60°    | 217.4  | 217.4 | 216.0 | 218.1 | 218.1 | 216.7 | 216.7 | 217.4 | 216.0 | 215.3 | 214.6  |
| 62.5°  | 193.1  | 193.8 | 196.0 | 196.7 | 197.4 | 196.0 | 194.5 | 195.3 | 195.3 | 193.1 | 193.8  |
| 65°    | 172.4  | 173.8 | 176.7 | 175.9 | 174.5 | 175.2 | 173.8 | 174.5 | 172.4 | 173.1 | 170.9  |
| 67.5°  | 152.3  | 151.6 | 152.3 | 152.3 | 153.8 | 153.1 | 151.6 | 151.6 | 150.9 | 153.1 | 150.9  |
| 70°    | 130.9  | 130.9 | 130.9 | 130.9 | 131.6 | 132.3 | 130.9 | 129.5 | 130.2 | 128.7 | 128.0  |
| 72.5°  | 108.7  | 109.4 | 108.7 | 110.1 | 108.0 | 109.4 | 109.4 | 108.7 | 108.0 | 108.0 | 108.0  |
| 75°    | 88.0   | 89.4  | 87.3  | 88.0  | 87.3  | 88.7  | 88.0  | 88.0  | 86.5  | 85.8  | 86.5   |
| 77.5°  | 67.2   | 67.9  | 66.5  | 67.2  | 66.5  | 67.2  | 67.2  | 66.5  | 66.5  | 66.5  | 66.5   |
| 80°    | 47.9   | 48.6  | 47.9  | 47.2  | 46.5  | 47.9  | 46.5  | 47.2  | 47.9  | 47.2  | 48.6   |
| 82.5°  | 30.8   | 30.8  | 30.0  | 30.8  | 29.3  | 29.3  | 30.0  | 30.0  | 29.3  | 30.8  | 29.3   |
| 85°    | 15.0   | 15.0  | 16.5  | 15.0  | 14.3  | 14.3  | 14.3  | 15.0  | 14.3  | 15.7  | 15.0   |
| 87.5°  | 3.6    | 2.9   | 3.6   | 3.6   | 2.9   | 2.9   | 3.6   | 2.9   | 3.6   | 4.3   | 2.9    |
| 90°    | 48.5   | 48.7  | 49.0  | 49.3  | 49.7  | 50.0  | 49.7  | 49.3  | 49.0  | 48.7  | 48.5   |
| 92.5°  | 47.1   | 47.1  | 47.1  | 47.1  | 47.1  | 47.1  | 47.1  | 47.1  | 47.1  | 47.1  | 47.1   |
| 95°    | 94.1   | 93.8  | 93.1  | 92.5  | 91.8  | 91.2  | 91.8  | 92.5  | 93.1  | 93.8  | 94.1   |
| 97.5°  | 147.1  | 147.1 | 147.1 | 147.1 | 147.1 | 147.1 | 147.1 | 147.1 | 147.1 | 147.1 | 147.1  |
| 100°   | 203.0  | 202.8 | 202.5 | 202.2 | 201.8 | 201.5 | 201.8 | 202.2 | 202.5 | 202.8 | 203.0  |
| 102.5° | 264.8  | 264.6 | 264.3 | 264.0 | 263.6 | 263.3 | 263.6 | 264.0 | 264.3 | 264.6 | 264.8  |
| 105°   | 326.5  | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 | 326.5 | 326.5  |
| 107.5° | 391.3  | 390.5 | 388.8 | 387.2 | 385.5 | 383.9 | 385.5 | 387.2 | 388.8 | 390.5 | 391.3  |
| 110°   | 457.4  | 456.9 | 455.9 | 455.0 | 454.0 | 453.0 | 454.0 | 455.0 | 455.9 | 456.9 | 457.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 522.2  | 521.9  | 521.2  | 520.5  | 519.9  | 519.2  | 519.9  | 520.5  | 521.2  | 521.9  | 522.2  |
| 115°   | 592.8  | 592.3  | 591.3  | 590.3  | 589.3  | 588.3  | 589.3  | 590.3  | 591.3  | 592.3  | 592.8  |
| 117.5° | 657.5  | 657.0  | 656.0  | 655.1  | 654.1  | 653.1  | 654.1  | 655.1  | 656.0  | 657.0  | 657.5  |
| 120°   | 726.6  | 726.1  | 725.1  | 724.2  | 723.2  | 722.2  | 723.2  | 724.2  | 725.1  | 726.1  | 726.6  |
| 122.5° | 792.8  | 792.5  | 791.8  | 791.2  | 790.5  | 789.9  | 790.5  | 791.2  | 791.8  | 792.5  | 792.8  |
| 125°   | 860.5  | 860.3  | 860.0  | 859.7  | 859.3  | 859.0  | 859.3  | 859.7  | 860.0  | 860.3  | 860.5  |
| 127.5° | 925.2  | 924.7  | 923.7  | 922.8  | 921.8  | 920.8  | 921.8  | 922.8  | 923.7  | 924.7  | 925.2  |
| 130°   | 994.3  | 993.6  | 992.3  | 991.0  | 989.7  | 988.4  | 989.7  | 991.0  | 992.3  | 993.6  | 994.3  |
| 132.5° | 1057.6 | 1057.1 | 1056.1 | 1055.1 | 1054.1 | 1053.1 | 1054.1 | 1055.1 | 1056.1 | 1057.1 | 1057.6 |
| 135°   | 1125.2 | 1124.7 | 1123.7 | 1122.8 | 1121.8 | 1120.8 | 1121.8 | 1122.8 | 1123.7 | 1124.7 | 1125.2 |
| 137.5° | 1187.0 | 1186.3 | 1185.0 | 1183.7 | 1182.4 | 1181.1 | 1182.4 | 1183.7 | 1185.0 | 1186.3 | 1187.0 |
| 140°   | 1250.2 | 1249.6 | 1248.3 | 1247.0 | 1245.7 | 1244.4 | 1245.7 | 1247.0 | 1248.3 | 1249.6 | 1250.2 |
| 142.5° | 1307.6 | 1306.9 | 1305.6 | 1304.3 | 1303.0 | 1301.7 | 1303.0 | 1304.3 | 1305.6 | 1306.9 | 1307.6 |
| 145°   | 1365.0 | 1364.3 | 1363.0 | 1361.7 | 1360.4 | 1359.1 | 1360.4 | 1361.7 | 1363.0 | 1364.3 | 1365.0 |
| 147.5° | 1416.4 | 1415.8 | 1414.5 | 1413.2 | 1411.9 | 1410.6 | 1411.9 | 1413.2 | 1414.5 | 1415.8 | 1416.4 |
| 150°   | 1465.0 | 1464.5 | 1463.5 | 1462.6 | 1461.6 | 1460.6 | 1461.6 | 1462.6 | 1463.5 | 1464.5 | 1465.0 |
| 152.5° | 1513.5 | 1512.8 | 1511.5 | 1510.2 | 1508.9 | 1507.6 | 1508.9 | 1510.2 | 1511.5 | 1512.8 | 1513.5 |
| 155°   | 1553.2 | 1552.7 | 1551.7 | 1550.8 | 1549.8 | 1548.8 | 1549.8 | 1550.8 | 1551.7 | 1552.7 | 1553.2 |
| 157.5° | 1593.0 | 1592.2 | 1590.5 | 1588.9 | 1587.2 | 1585.6 | 1587.2 | 1588.9 | 1590.5 | 1592.2 | 1593.0 |
| 160°   | 1625.3 | 1624.6 | 1623.3 | 1622.0 | 1620.7 | 1619.4 | 1620.7 | 1622.0 | 1623.3 | 1624.6 | 1625.3 |
| 162.5° | 1656.2 | 1655.4 | 1653.7 | 1652.1 | 1650.4 | 1648.8 | 1650.4 | 1652.1 | 1653.7 | 1655.4 | 1656.2 |
| 165°   | 1681.2 | 1680.4 | 1678.7 | 1677.1 | 1675.4 | 1673.8 | 1675.4 | 1677.1 | 1678.7 | 1680.4 | 1681.2 |
| 167.5° | 1703.3 | 1702.5 | 1700.8 | 1699.2 | 1697.5 | 1695.9 | 1697.5 | 1699.2 | 1700.8 | 1702.5 | 1703.3 |
| 170°   | 1720.9 | 1719.9 | 1718.0 | 1716.0 | 1714.1 | 1712.1 | 1714.1 | 1716.0 | 1718.0 | 1719.9 | 1720.9 |
| 172.5° | 1734.2 | 1733.2 | 1731.2 | 1729.3 | 1727.3 | 1725.3 | 1727.3 | 1729.3 | 1731.2 | 1733.2 | 1734.2 |
| 175°   | 1743.0 | 1742.0 | 1740.1 | 1738.1 | 1736.2 | 1734.2 | 1736.2 | 1738.1 | 1740.1 | 1742.0 | 1743.0 |
| 177.5° | 1747.4 | 1746.4 | 1744.5 | 1742.5 | 1740.6 | 1738.6 | 1740.6 | 1742.5 | 1744.5 | 1746.4 | 1747.4 |
| 180°   | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5  | 930.5 |
| 2.5°   | 883.3 | 889.0 | 886.9 | 879.0 | 888.3 | 888.3 | 894.8 | 894.8 | 902.6 | 905.5  | 909.8 |
| 5°     | 833.2 | 837.5 | 841.1 | 837.5 | 844.0 | 854.0 | 859.7 | 864.7 | 875.4 | 879.7  | 886.2 |
| 7.5°   | 779.6 | 787.5 | 791.0 | 791.0 | 801.8 | 813.2 | 824.7 | 831.8 | 846.8 | 852.6  | 859.0 |
| 10°    | 727.4 | 736.7 | 743.8 | 743.1 | 761.0 | 768.2 | 782.5 | 798.9 | 813.9 | 822.5  | 831.8 |
| 12.5°  | 672.3 | 677.3 | 687.3 | 701.6 | 705.9 | 718.8 | 735.3 | 756.0 | 783.2 | 791.0  | 804.6 |
| 15°    | 626.5 | 640.1 | 648.0 | 654.4 | 664.4 | 676.6 | 694.5 | 714.5 | 741.7 | 758.9  | 773.2 |
| 17.5°  | 587.9 | 605.8 | 610.8 | 609.4 | 622.3 | 640.8 | 661.6 | 676.6 | 700.9 | 721.7  | 735.3 |
| 20°    | 556.4 | 563.6 | 572.2 | 575.8 | 585.8 | 605.8 | 625.8 | 643.0 | 663.0 | 679.5  | 695.2 |
| 22.5°  | 525.0 | 530.7 | 537.9 | 544.3 | 552.2 | 563.6 | 582.9 | 604.4 | 623.7 | 639.4  | 657.3 |
| 25°    | 499.2 | 502.8 | 509.2 | 514.3 | 522.8 | 530.7 | 544.3 | 567.9 | 590.8 | 600.1  | 615.8 |
| 27.5°  | 474.2 | 477.1 | 481.4 | 487.1 | 491.4 | 499.2 | 511.4 | 530.7 | 554.3 | 563.6  | 585.1 |
| 30°    | 452.0 | 454.2 | 458.5 | 461.3 | 463.5 | 472.8 | 482.1 | 497.1 | 515.0 | 527.8  | 543.6 |
| 32.5°  | 431.3 | 433.4 | 437.7 | 438.4 | 441.3 | 446.3 | 454.9 | 468.5 | 484.2 | 494.9  | 508.5 |
| 35°    | 408.4 | 409.8 | 414.1 | 415.5 | 417.7 | 422.0 | 428.4 | 438.4 | 452.7 | 460.6  | 472.8 |
| 37.5°  | 390.5 | 389.8 | 392.7 | 394.8 | 397.7 | 399.8 | 402.0 | 412.0 | 422.7 | 429.9  | 439.2 |
| 40°    | 371.2 | 369.8 | 370.5 | 373.4 | 374.8 | 377.6 | 377.6 | 387.7 | 394.8 | 400.5  | 407.7 |
| 42.5°  | 351.9 | 351.2 | 349.7 | 351.2 | 352.6 | 353.3 | 354.0 | 361.2 | 368.3 | 373.4  | 381.2 |
| 45°    | 332.6 | 331.9 | 330.4 | 331.2 | 331.2 | 332.6 | 334.7 | 337.6 | 342.6 | 346.9  | 351.2 |
| 47.5°  | 314.7 | 313.3 | 311.1 | 310.4 | 311.8 | 311.8 | 311.8 | 314.7 | 319.7 | 321.1  | 325.4 |
| 50°    | 296.1 | 294.0 | 291.1 | 289.7 | 289.7 | 289.0 | 290.4 | 291.1 | 295.4 | 296.8  | 300.4 |
| 52.5°  | 276.1 | 274.6 | 271.8 | 268.9 | 269.6 | 268.2 | 268.9 | 269.6 | 271.1 | 273.2  | 275.4 |
| 55°    | 256.1 | 253.2 | 251.0 | 250.3 | 248.2 | 248.2 | 246.0 | 248.9 | 248.2 | 248.9  | 251.8 |
| 57.5°  | 236.7 | 233.9 | 230.3 | 228.9 | 226.7 | 226.0 | 224.6 | 223.9 | 224.6 | 226.7  | 228.9 |
| 60°    | 213.9 | 212.4 | 210.3 | 208.1 | 206.7 | 204.6 | 203.1 | 203.1 | 202.4 | 202.4  | 203.1 |
| 62.5°  | 191.7 | 191.0 | 188.1 | 187.4 | 186.0 | 184.5 | 182.4 | 181.0 | 181.0 | 182.4  | 183.1 |
| 65°    | 170.2 | 169.5 | 167.4 | 166.6 | 163.1 | 161.6 | 160.9 | 160.2 | 158.8 | 158.8  | 158.8 |
| 67.5°  | 150.2 | 148.1 | 148.1 | 144.5 | 141.6 | 140.2 | 138.8 | 138.0 | 138.0 | 138.0  | 138.8 |
| 70°    | 128.0 | 128.0 | 125.9 | 123.7 | 120.9 | 121.6 | 119.4 | 117.3 | 117.3 | 115.9  | 116.6 |
| 72.5°  | 106.6 | 105.9 | 103.7 | 103.0 | 100.8 | 98.7  | 97.3  | 98.7  | 96.6  | 95.8   | 96.6  |
| 75°    | 85.8  | 85.1  | 83.7  | 82.3  | 83.0  | 80.8  | 78.7  | 78.0  | 78.0  | 76.5   | 76.5  |
| 77.5°  | 65.8  | 67.2  | 64.4  | 63.7  | 62.2  | 60.8  | 60.1  | 59.4  | 59.4  | 59.4   | 60.8  |
| 80°    | 45.8  | 46.5  | 46.5  | 45.1  | 45.8  | 43.6  | 43.6  | 43.6  | 41.5  | 42.2   | 42.9  |
| 82.5°  | 29.3  | 29.3  | 28.6  | 29.3  | 28.6  | 28.6  | 27.9  | 27.9  | 27.2  | 27.2   | 27.9  |
| 85°    | 16.5  | 15.7  | 15.0  | 16.5  | 15.7  | 15.7  | 15.0  | 15.0  | 15.0  | 15.0   | 15.0  |
| 87.5°  | 3.6   | 4.3   | 4.3   | 4.3   | 4.3   | 5.0   | 5.0   | 5.0   | 5.7   | 5.7    | 5.7   |
| 90°    | 48.8  | 49.5  | 50.2  | 50.8  | 51.5  | 44.3  | 37.1  | 29.9  | 22.7  | 19.1   | 17.1  |
| 92.5°  | 46.9  | 46.6  | 46.3  | 45.9  | 45.6  | 45.3  | 44.9  | 44.6  | 44.3  | 44.1   | 42.8  |
| 95°    | 94.1  | 94.1  | 94.1  | 94.1  | 94.1  | 93.5  | 92.8  | 92.2  | 91.5  | 91.2   | 89.6  |
| 97.5°  | 147.1 | 147.1 | 147.1 | 147.1 | 147.1 | 145.8 | 144.5 | 143.2 | 141.9 | 141.2  | 139.7 |
| 100°   | 203.0 | 203.0 | 203.0 | 203.0 | 203.0 | 202.0 | 201.0 | 200.1 | 199.1 | 198.6  | 197.3 |
| 102.5° | 264.6 | 264.3 | 264.0 | 263.6 | 263.3 | 262.0 | 260.7 | 259.4 | 258.1 | 257.4  | 256.4 |
| 105°   | 326.2 | 325.5 | 324.9 | 324.2 | 323.6 | 322.9 | 322.3 | 321.6 | 320.9 | 320.6  | 320.1 |
| 107.5° | 391.1 | 390.8 | 390.5 | 390.1 | 389.8 | 389.8 | 389.8 | 389.8 | 389.8 | 389.8  | 389.1 |
| 110°   | 457.4 | 457.4 | 457.4 | 457.4 | 457.4 | 457.4 | 457.4 | 457.4 | 457.4 | 457.4  | 456.4 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 522.7  | 523.7  | 524.6  | 525.6  | 526.6  | 526.9  | 527.2  | 527.5  | 527.8  | 528.0  | 527.0  |
| 115°   | 593.0  | 593.3  | 593.6  | 593.9  | 594.2  | 594.9  | 595.5  | 596.2  | 596.9  | 597.2  | 596.2  |
| 117.5° | 658.0  | 659.0  | 659.9  | 660.9  | 661.9  | 663.5  | 665.1  | 666.8  | 668.4  | 669.2  | 667.9  |
| 120°   | 726.6  | 726.6  | 726.6  | 726.6  | 726.6  | 729.2  | 731.8  | 734.5  | 737.1  | 738.4  | 737.1  |
| 122.5° | 793.3  | 794.3  | 795.2  | 796.2  | 797.2  | 798.8  | 800.5  | 802.1  | 803.8  | 804.6  | 803.0  |
| 125°   | 861.0  | 862.0  | 862.9  | 863.9  | 864.9  | 865.9  | 866.9  | 867.8  | 868.8  | 869.3  | 867.8  |
| 127.5° | 925.9  | 927.2  | 928.5  | 929.8  | 931.1  | 932.4  | 933.7  | 935.0  | 936.3  | 936.9  | 935.1  |
| 130°   | 994.6  | 995.3  | 995.9  | 996.6  | 997.2  | 997.9  | 998.5  | 999.2  | 999.9  | 1000.2 | 998.1  |
| 132.5° | 1058.4 | 1060.0 | 1061.7 | 1063.3 | 1064.9 | 1064.6 | 1064.2 | 1063.9 | 1063.6 | 1063.4 | 1061.8 |
| 135°   | 1125.4 | 1125.7 | 1126.0 | 1126.4 | 1126.7 | 1126.0 | 1125.4 | 1124.7 | 1124.0 | 1123.7 | 1121.9 |
| 137.5° | 1187.2 | 1187.5 | 1187.8 | 1188.2 | 1188.5 | 1187.8 | 1187.2 | 1186.5 | 1185.8 | 1185.5 | 1184.0 |
| 140°   | 1250.2 | 1250.2 | 1250.2 | 1250.2 | 1250.2 | 1248.6 | 1247.0 | 1245.3 | 1243.7 | 1242.9 | 1241.4 |
| 142.5° | 1307.4 | 1307.1 | 1306.8 | 1306.4 | 1306.1 | 1305.1 | 1304.1 | 1303.2 | 1302.2 | 1301.7 | 1300.2 |
| 145°   | 1364.8 | 1364.5 | 1364.2 | 1363.8 | 1363.5 | 1361.5 | 1359.6 | 1357.6 | 1355.7 | 1354.7 | 1353.6 |
| 147.5° | 1416.1 | 1415.4 | 1414.8 | 1414.1 | 1413.5 | 1412.2 | 1410.9 | 1409.6 | 1408.3 | 1407.6 | 1406.1 |
| 150°   | 1464.5 | 1463.5 | 1462.6 | 1461.6 | 1460.6 | 1459.3 | 1458.0 | 1456.7 | 1455.4 | 1454.7 | 1453.7 |
| 152.5° | 1512.8 | 1511.5 | 1510.2 | 1508.9 | 1507.6 | 1506.0 | 1504.4 | 1502.7 | 1501.1 | 1500.3 | 1499.3 |
| 155°   | 1552.4 | 1550.8 | 1549.1 | 1547.5 | 1545.9 | 1544.9 | 1543.9 | 1543.0 | 1542.0 | 1541.5 | 1541.0 |
| 157.5° | 1591.9 | 1589.6 | 1587.3 | 1585.0 | 1582.7 | 1582.0 | 1581.4 | 1580.7 | 1580.0 | 1579.7 | 1579.4 |
| 160°   | 1624.3 | 1622.4 | 1620.4 | 1618.5 | 1616.5 | 1616.2 | 1615.8 | 1615.5 | 1615.2 | 1615.0 | 1614.7 |
| 162.5° | 1655.1 | 1652.8 | 1650.5 | 1648.2 | 1645.9 | 1645.6 | 1645.2 | 1644.9 | 1644.6 | 1644.4 | 1644.4 |
| 165°   | 1680.1 | 1677.8 | 1675.5 | 1673.2 | 1670.9 | 1670.9 | 1670.9 | 1670.9 | 1670.9 | 1670.9 | 1671.1 |
| 167.5° | 1702.2 | 1699.9 | 1697.6 | 1695.3 | 1693.0 | 1693.0 | 1693.0 | 1693.0 | 1693.0 | 1693.0 | 1693.5 |
| 170°   | 1719.8 | 1717.5 | 1715.2 | 1712.9 | 1710.6 | 1710.9 | 1711.3 | 1711.6 | 1711.9 | 1712.1 | 1712.6 |
| 172.5° | 1733.1 | 1730.8 | 1728.5 | 1726.2 | 1723.9 | 1724.2 | 1724.5 | 1724.8 | 1725.1 | 1725.3 | 1725.8 |
| 175°   | 1741.9 | 1739.6 | 1737.3 | 1735.0 | 1732.7 | 1733.3 | 1734.0 | 1734.6 | 1735.3 | 1735.6 | 1736.1 |
| 177.5° | 1746.4 | 1744.5 | 1742.5 | 1740.6 | 1738.6 | 1739.2 | 1739.9 | 1740.5 | 1741.2 | 1741.5 | 1742.0 |
| 180°   | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 | 1743.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 930.5 | 930.5 | 930.5 | 930.5 |
| 2.5°   | 913.3 | 913.3 | 924.1 | 935.5 |
| 5°     | 893.3 | 898.3 | 915.5 | 931.2 |
| 7.5°   | 874.0 | 882.6 | 904.1 | 924.1 |
| 10°    | 850.4 | 861.9 | 888.3 | 911.9 |
| 12.5°  | 827.5 | 838.3 | 869.0 | 895.5 |
| 15°    | 795.3 | 808.9 | 841.8 | 874.7 |
| 17.5°  | 763.2 | 776.7 | 816.8 | 855.4 |
| 20°    | 725.2 | 743.1 | 788.2 | 839.7 |
| 22.5°  | 690.2 | 712.4 | 762.4 | 803.9 |
| 25°    | 651.6 | 685.9 | 732.4 | 786.0 |
| 27.5°  | 617.2 | 651.6 | 698.8 | 753.1 |
| 30°    | 578.6 | 613.7 | 662.3 | 712.4 |
| 32.5°  | 541.4 | 573.6 | 620.8 | 682.3 |
| 35°    | 502.8 | 533.6 | 579.3 | 641.6 |
| 37.5°  | 467.8 | 497.8 | 547.9 | 605.1 |
| 40°    | 433.4 | 464.9 | 507.8 | 565.0 |
| 42.5°  | 401.2 | 429.1 | 467.8 | 525.0 |
| 45°    | 371.9 | 391.9 | 427.7 | 481.4 |
| 47.5°  | 341.2 | 359.0 | 391.9 | 445.6 |
| 50°    | 312.6 | 327.6 | 356.2 | 406.3 |
| 52.5°  | 284.7 | 297.5 | 324.0 | 364.1 |
| 55°    | 259.6 | 271.8 | 291.1 | 330.4 |
| 57.5°  | 233.9 | 243.2 | 261.8 | 293.2 |
| 60°    | 208.8 | 217.4 | 232.4 | 258.2 |
| 62.5°  | 183.8 | 191.0 | 205.3 | 226.0 |
| 65°    | 161.6 | 167.4 | 178.1 | 196.0 |
| 67.5°  | 140.2 | 143.8 | 152.3 | 166.6 |
| 70°    | 119.4 | 122.3 | 129.5 | 140.9 |
| 72.5°  | 97.3  | 100.1 | 108.0 | 115.9 |
| 75°    | 78.7  | 79.4  | 85.1  | 91.5  |
| 77.5°  | 61.5  | 60.8  | 65.1  | 70.1  |
| 80°    | 42.2  | 44.3  | 47.9  | 50.1  |
| 82.5°  | 28.6  | 29.3  | 30.8  | 32.2  |
| 85°    | 15.7  | 16.5  | 16.5  | 18.6  |
| 87.5°  | 6.4   | 7.2   | 7.2   | 7.9   |
| 90°    | 13.2  | 9.3   | 5.4   | 1.5   |
| 92.5°  | 40.2  | 37.6  | 35.0  | 32.4  |
| 95°    | 86.3  | 83.0  | 79.8  | 76.5  |
| 97.5°  | 136.8 | 133.9 | 130.9 | 128.0 |
| 100°   | 194.7 | 192.0 | 189.4 | 186.8 |
| 102.5° | 254.5 | 252.5 | 250.6 | 248.6 |
| 105°   | 319.1 | 318.2 | 317.2 | 316.2 |
| 107.5° | 387.8 | 386.5 | 385.2 | 383.9 |
| 110°   | 454.5 | 452.5 | 450.6 | 448.6 |

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CATALOG NUMBER: S122DIW-B485D1440UB2750-4F0-XX-W2A-A1\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 525.1  | 523.1  | 521.2  | 519.2  |
| 115°   | 594.2  | 592.3  | 590.3  | 588.3  |
| 117.5° | 665.3  | 662.7  | 660.1  | 657.5  |
| 120°   | 734.5  | 731.8  | 729.2  | 726.6  |
| 122.5° | 799.7  | 796.4  | 793.2  | 789.9  |
| 125°   | 864.9  | 861.9  | 859.0  | 856.0  |
| 127.5° | 931.5  | 928.0  | 924.4  | 920.8  |
| 130°   | 993.8  | 989.6  | 985.3  | 981.1  |
| 132.5° | 1058.5 | 1055.2 | 1052.0 | 1048.7 |
| 135°   | 1118.3 | 1114.8 | 1111.2 | 1107.6 |
| 137.5° | 1181.1 | 1178.2 | 1175.2 | 1172.3 |
| 140°   | 1238.5 | 1235.5 | 1232.6 | 1229.6 |
| 142.5° | 1297.3 | 1294.4 | 1291.4 | 1288.5 |
| 145°   | 1351.3 | 1349.0 | 1346.7 | 1344.4 |
| 147.5° | 1403.2 | 1400.3 | 1397.3 | 1394.4 |
| 150°   | 1451.8 | 1449.8 | 1447.9 | 1445.9 |
| 152.5° | 1497.4 | 1495.4 | 1493.5 | 1491.5 |
| 155°   | 1540.0 | 1539.1 | 1538.1 | 1537.1 |
| 157.5° | 1578.7 | 1578.1 | 1577.4 | 1576.8 |
| 160°   | 1614.0 | 1613.4 | 1612.7 | 1612.1 |
| 162.5° | 1644.4 | 1644.4 | 1644.4 | 1644.4 |
| 165°   | 1671.4 | 1671.7 | 1672.1 | 1672.4 |
| 167.5° | 1694.5 | 1695.4 | 1696.4 | 1697.4 |
| 170°   | 1713.6 | 1714.5 | 1715.5 | 1716.5 |
| 172.5° | 1726.8 | 1727.7 | 1728.7 | 1729.7 |
| 175°   | 1737.1 | 1738.0 | 1739.0 | 1740.0 |
| 177.5° | 1743.0 | 1743.9 | 1744.9 | 1745.9 |
| 180°   | 1743.0 | 1743.0 | 1743.0 | 1743.0 |

(END OF REPORT)