

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: P1031598

Luminaire Tested: S123DIW-B340D1320UB40-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1031598  
REPORT IS A COMBINATION OF REPORTS P991294 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123DIW-B340D1320UB40-4F0-XX-W2A-A1  
Description: Define 3 Direct/Indirect Wall Mount with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

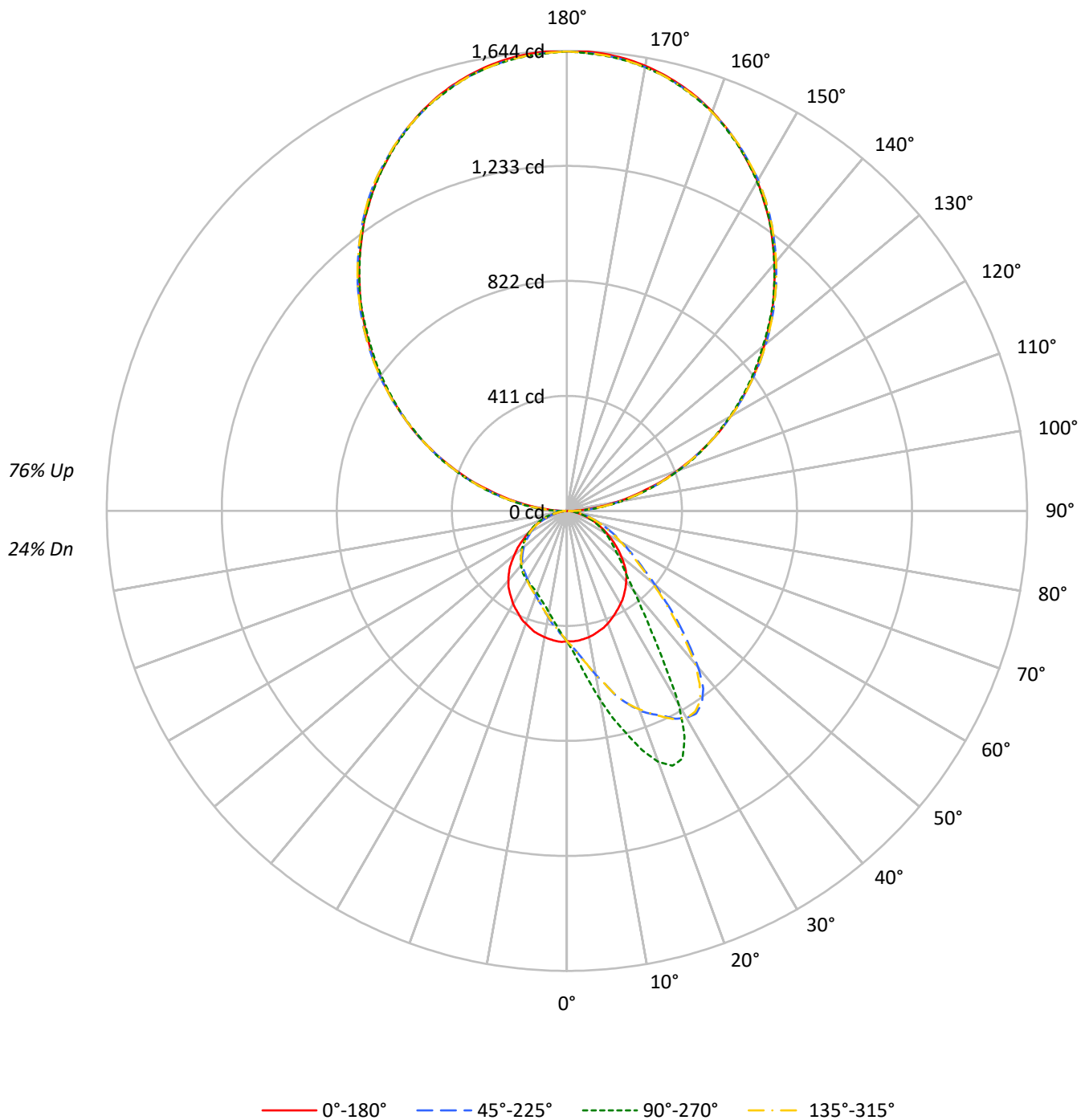
Lumens per Lamp: N/A  
Luminaire Lumens: 5959.0 lumens  
Efficiency: N/A  
Efficacy: 108.1 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 55.1  
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: P1031598

CATALOG NUMBER: S123DIW-B340D1320UB40-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P1031598

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 101 | 101 | 101 | 101 | 90 | 90 | 90 | 90 | 69 | 69 | 69 | 50 | 50 | 50 | 32 | 32 | 32 |
| 1   | 92  | 88  | 84  | 81  | 82 | 78 | 75 | 72 | 60 | 58 | 56 | 44 | 42 | 41 | 28 | 28 | 27 |
| 2   | 84  | 77  | 71  | 66  | 74 | 68 | 64 | 60 | 53 | 50 | 47 | 38 | 36 | 35 | 25 | 24 | 23 |
| 3   | 76  | 68  | 61  | 55  | 68 | 60 | 54 | 50 | 47 | 43 | 39 | 34 | 31 | 29 | 22 | 21 | 20 |
| 4   | 70  | 60  | 52  | 47  | 62 | 53 | 47 | 42 | 41 | 37 | 34 | 30 | 27 | 25 | 20 | 18 | 17 |
| 5   | 64  | 53  | 45  | 40  | 57 | 47 | 41 | 36 | 37 | 32 | 29 | 27 | 24 | 22 | 18 | 16 | 15 |
| 6   | 59  | 47  | 40  | 34  | 52 | 43 | 36 | 31 | 33 | 28 | 25 | 24 | 21 | 19 | 16 | 14 | 13 |
| 7   | 54  | 43  | 35  | 30  | 48 | 38 | 32 | 27 | 30 | 25 | 22 | 22 | 19 | 17 | 15 | 13 | 12 |
| 8   | 50  | 39  | 31  | 26  | 45 | 35 | 28 | 24 | 27 | 23 | 19 | 20 | 17 | 15 | 14 | 12 | 10 |
| 9   | 47  | 35  | 28  | 23  | 41 | 32 | 25 | 21 | 25 | 20 | 17 | 18 | 15 | 13 | 13 | 11 | 9  |
| 10  | 43  | 32  | 25  | 21  | 39 | 29 | 23 | 19 | 23 | 18 | 15 | 17 | 14 | 12 | 12 | 10 | 8  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 5011 | 5011 | 5011 | 5011 |
| 5°  | 5014 | 5773 | 5028 | 4308 |
| 10° | 4982 | 6987 | 4987 | 3762 |
| 15° | 4914 | 8285 | 4954 | 3387 |
| 20° | 4854 | 9539 | 4864 | 3117 |
| 25° | 4766 | 9779 | 4777 | 2976 |
| 30° | 4704 | 8080 | 4704 | 2883 |
| 35° | 4626 | 5404 | 4596 | 2801 |
| 40° | 4532 | 3901 | 4476 | 2676 |
| 45° | 4415 | 3090 | 4288 | 2521 |
| 50° | 4130 | 2624 | 3982 | 2369 |
| 55° | 3818 | 2306 | 3662 | 2198 |
| 60° | 3500 | 2008 | 3314 | 2019 |
| 65° | 3152 | 1719 | 2998 | 1781 |
| 70° | 2789 | 1427 | 2603 | 1501 |
| 75° | 2385 | 1076 | 2229 | 1159 |
| 80° | 1884 | 719  | 1737 | 760  |
| 85° | 1297 | 330  | 1037 | 299  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 8081 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 45.8   | 0.8       |
| 10°-20°   | 147.0  | 2.5       |
| 20°-30°   | 247.4  | 4.2       |
| 30°-40°   | 279.6  | 4.7       |
| 40°-50°   | 250.4  | 4.2       |
| 50°-60°   | 202.2  | 3.4       |
| 60°-70°   | 140.9  | 2.4       |
| 70°-80°   | 73.9   | 1.2       |
| 80°-90°   | 21.2   | 0.4       |
| 90°-100°  | 105.7  | 1.8       |
| 100°-110° | 320.0  | 5.4       |
| 110°-120° | 544.7  | 9.1       |
| 120°-130° | 716.6  | 12.0      |
| 130°-140° | 805.5  | 13.5      |
| 140°-150° | 791.9  | 13.3      |
| 150°-160° | 666.7  | 11.2      |
| 160°-170° | 443.9  | 7.4       |
| 170°-180° | 155.4  | 2.6       |
| 0°-30°    | 440.3  | 7.4       |
| 0°-40°    | 719.9  | 12.1      |
| 0°-60°    | 1172.5 | 19.7      |
| 0°-90°    | 1408.5 | 23.6      |
| 90°-120°  | 970.5  | 16.3      |
| 90°-150°  | 3284.6 | 55.1      |
| 90°-180°  | 4551.0 | 76.4      |
| 0°-180°   | 5959.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 466  | 466  | 466  | 466  | 466  |      |
| 5°   | 465  | 553  | 466  | 413  | 465  | 44   |
| 15°  | 444  | 823  | 448  | 336  | 444  | 125  |
| 25°  | 406  | 977  | 407  | 297  | 406  | 187  |
| 35°  | 358  | 526  | 356  | 273  | 358  | 224  |
| 45°  | 297  | 284  | 289  | 232  | 297  | 227  |
| 55°  | 211  | 193  | 202  | 184  | 211  | 189  |
| 65°  | 130  | 125  | 124  | 130  | 130  | 130  |
| 75°  | 63   | 64   | 59   | 70   | 63   | 67   |
| 85°  | 14   | 15   | 11   | 14   | 14   | 16   |
| 90°  | 1    | 39   | 1    | 39   | 1    | 7    |
| 95°  | 76   | 101  | 76   | 101  | 76   | 84   |
| 105° | 290  | 307  | 290  | 307  | 290  | 311  |
| 115° | 548  | 550  | 548  | 550  | 548  | 543  |
| 125° | 802  | 793  | 802  | 793  | 802  | 716  |
| 135° | 1041 | 1040 | 1041 | 1040 | 1041 | 802  |
| 145° | 1263 | 1263 | 1263 | 1263 | 1263 | 789  |
| 155° | 1446 | 1444 | 1446 | 1444 | 1446 | 666  |
| 165° | 1575 | 1570 | 1575 | 1570 | 1575 | 444  |
| 175° | 1638 | 1632 | 1638 | 1632 | 1638 | 156  |
| 180° | 1642 | 1642 | 1642 | 1642 | 1642 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 |
| 2.5°   | 466.9 | 470.5 | 472.3 | 475.0 | 477.7 | 481.8 | 483.1 | 485.4 | 484.5 | 486.3 | 487.2 |
| 5°     | 465.1 | 471.4 | 476.8 | 483.6 | 489.9 | 494.4 | 498.9 | 506.1 | 511.5 | 512.4 | 516.5 |
| 7.5°   | 461.9 | 470.9 | 480.4 | 489.9 | 502.1 | 509.3 | 517.4 | 527.3 | 535.4 | 548.5 | 553.5 |
| 10°    | 457.8 | 470.5 | 484.0 | 497.1 | 513.8 | 525.1 | 535.0 | 551.7 | 568.4 | 581.9 | 594.5 |
| 12.5°  | 451.5 | 467.3 | 484.9 | 504.3 | 526.0 | 539.0 | 552.6 | 574.7 | 599.9 | 620.7 | 634.2 |
| 15°    | 443.9 | 463.7 | 486.3 | 507.0 | 530.9 | 555.3 | 569.7 | 594.5 | 630.6 | 650.0 | 684.7 |
| 17.5°  | 437.5 | 457.8 | 480.4 | 512.9 | 545.4 | 569.7 | 580.1 | 625.6 | 650.5 | 682.9 | 722.2 |
| 20°    | 427.6 | 453.3 | 482.2 | 514.7 | 556.6 | 571.5 | 592.7 | 638.7 | 669.4 | 711.8 | 760.1 |
| 22.5°  | 417.2 | 444.8 | 479.5 | 513.3 | 560.2 | 576.0 | 604.9 | 641.4 | 690.2 | 732.1 | 785.3 |
| 25°    | 406.0 | 435.7 | 470.9 | 511.1 | 557.1 | 580.1 | 607.2 | 652.3 | 705.0 | 757.8 | 807.0 |
| 27.5°  | 394.7 | 427.2 | 463.7 | 503.9 | 548.5 | 575.6 | 602.6 | 649.6 | 717.2 | 774.5 | 837.2 |
| 30°    | 383.9 | 416.3 | 452.9 | 493.9 | 540.8 | 567.0 | 592.7 | 651.4 | 726.7 | 791.2 | 854.3 |
| 32.5°  | 372.1 | 405.5 | 443.9 | 478.1 | 525.5 | 553.5 | 582.3 | 651.4 | 732.6 | 801.1 | 858.9 |
| 35°    | 358.2 | 392.4 | 425.4 | 459.7 | 506.6 | 537.7 | 570.2 | 646.8 | 738.0 | 804.3 | 839.9 |
| 37.5°  | 344.6 | 374.8 | 403.3 | 436.6 | 485.8 | 519.2 | 556.6 | 641.4 | 735.3 | 790.7 | 800.7 |
| 40°    | 329.3 | 359.5 | 382.5 | 413.6 | 465.5 | 504.3 | 542.2 | 634.2 | 723.5 | 758.7 | 729.8 |
| 42.5°  | 314.4 | 338.3 | 358.2 | 388.4 | 444.8 | 482.7 | 523.7 | 621.1 | 700.5 | 707.7 | 642.8 |
| 45°    | 297.3 | 314.4 | 332.0 | 366.3 | 422.2 | 461.0 | 506.6 | 602.2 | 663.5 | 642.8 | 560.7 |
| 47.5°  | 275.2 | 290.5 | 309.9 | 341.5 | 398.3 | 438.5 | 481.8 | 577.8 | 609.9 | 566.6 | 476.8 |
| 50°    | 254.0 | 267.0 | 285.1 | 315.8 | 373.0 | 412.3 | 458.3 | 539.5 | 555.3 | 487.2 | 410.9 |
| 52.5°  | 232.8 | 242.7 | 260.3 | 290.9 | 348.2 | 386.1 | 428.1 | 500.2 | 491.2 | 418.2 | 350.5 |
| 55°    | 210.7 | 219.2 | 235.9 | 266.1 | 319.4 | 355.5 | 395.6 | 452.0 | 428.5 | 359.1 | 304.9 |
| 57.5°  | 189.0 | 198.0 | 215.2 | 240.4 | 290.5 | 325.7 | 357.7 | 401.9 | 366.7 | 311.2 | 263.4 |
| 60°    | 169.6 | 177.3 | 190.4 | 215.2 | 260.7 | 289.1 | 318.5 | 348.7 | 319.4 | 265.7 | 229.1 |
| 62.5°  | 149.3 | 156.5 | 168.7 | 191.3 | 230.5 | 255.8 | 279.2 | 304.0 | 271.6 | 232.3 | 199.8 |
| 65°    | 130.4 | 136.2 | 147.5 | 168.3 | 200.3 | 221.0 | 240.0 | 257.1 | 231.0 | 194.9 | 170.5 |
| 67.5°  | 113.2 | 118.2 | 127.7 | 146.2 | 173.2 | 188.1 | 203.4 | 217.9 | 195.8 | 166.9 | 146.2 |
| 70°    | 94.7  | 98.8  | 107.4 | 120.9 | 142.5 | 157.9 | 169.2 | 180.0 | 160.1 | 137.1 | 123.1 |
| 72.5°  | 78.5  | 82.5  | 88.0  | 101.9 | 116.8 | 126.3 | 138.5 | 144.3 | 133.1 | 114.1 | 100.1 |
| 75°    | 62.7  | 65.9  | 70.8  | 79.8  | 93.8  | 100.1 | 107.8 | 112.3 | 101.9 | 89.3  | 80.7  |
| 77.5°  | 49.2  | 50.5  | 54.1  | 60.4  | 69.9  | 77.1  | 83.0  | 85.7  | 78.5  | 70.4  | 63.2  |
| 80°    | 34.7  | 36.5  | 39.2  | 44.7  | 51.9  | 54.1  | 57.7  | 60.9  | 56.4  | 49.2  | 44.7  |
| 82.5°  | 23.0  | 25.3  | 26.6  | 28.9  | 33.4  | 36.1  | 37.0  | 39.7  | 35.6  | 32.9  | 31.1  |
| 85°    | 13.5  | 14.4  | 14.9  | 16.2  | 18.5  | 19.8  | 21.2  | 21.7  | 20.7  | 20.3  | 18.5  |
| 87.5°  | 6.8   | 6.8   | 6.8   | 7.7   | 8.1   | 9.0   | 9.5   | 9.5   | 9.5   | 9.0   | 8.6   |
| 90°    | 1.3   | 4.2   | 7.0   | 9.9   | 12.8  | 14.2  | 16.1  | 19.8  | 23.5  | 27.3  | 31.0  |
| 92.5°  | 38.7  | 40.4  | 42.1  | 43.8  | 45.5  | 46.4  | 47.3  | 49.0  | 50.7  | 52.5  | 54.2  |
| 95°    | 76.1  | 78.1  | 80.1  | 82.1  | 84.1  | 85.1  | 86.3  | 88.6  | 90.9  | 93.2  | 95.5  |
| 97.5°  | 125.1 | 126.5 | 128.0 | 129.4 | 130.9 | 131.6 | 132.5 | 134.2 | 135.9 | 137.6 | 139.3 |
| 100°   | 175.5 | 177.2 | 178.9 | 180.6 | 182.3 | 183.2 | 183.9 | 185.3 | 186.8 | 188.2 | 189.6 |
| 102.5° | 233.5 | 234.4 | 235.2 | 236.1 | 237.0 | 237.4 | 238.4 | 240.4 | 242.4 | 244.4 | 246.4 |
| 105°   | 290.3 | 290.9 | 291.5 | 292.0 | 292.6 | 292.9 | 294.2 | 296.8 | 299.3 | 301.9 | 304.5 |
| 107.5° | 357.4 | 357.7 | 357.9 | 358.2 | 358.5 | 358.6 | 359.2 | 360.3 | 361.5 | 362.6 | 363.8 |
| 110°   | 419.3 | 419.9 | 420.5 | 421.0 | 421.6 | 421.9 | 422.2 | 422.7 | 423.3 | 423.8 | 424.4 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 483.8  | 484.1  | 484.4  | 484.7  | 485.0  | 485.1  | 485.1  | 485.1  | 485.1  | 485.1  | 485.1  |
| 115°   | 548.3  | 549.2  | 550.0  | 550.9  | 551.8  | 552.2  | 551.9  | 551.3  | 550.8  | 550.2  | 549.6  |
| 117.5° | 614.1  | 614.4  | 614.7  | 615.0  | 615.3  | 615.4  | 615.1  | 614.5  | 614.0  | 613.4  | 612.8  |
| 120°   | 674.7  | 676.4  | 678.2  | 679.9  | 681.6  | 682.5  | 681.8  | 680.3  | 678.9  | 677.4  | 676.0  |
| 122.5° | 737.9  | 739.1  | 740.2  | 741.4  | 742.5  | 743.1  | 742.8  | 742.2  | 741.7  | 741.1  | 740.5  |
| 125°   | 802.4  | 803.3  | 804.1  | 805.0  | 805.9  | 806.3  | 806.0  | 805.4  | 804.9  | 804.3  | 803.7  |
| 127.5° | 861.8  | 863.5  | 865.2  | 866.9  | 868.6  | 869.5  | 869.2  | 868.7  | 868.1  | 867.6  | 867.0  |
| 130°   | 921.1  | 923.4  | 925.7  | 928.0  | 930.3  | 931.5  | 931.1  | 930.2  | 929.3  | 928.5  | 927.6  |
| 132.5° | 980.5  | 982.8  | 985.1  | 987.4  | 989.7  | 990.8  | 990.5  | 989.9  | 989.4  | 988.8  | 988.2  |
| 135°   | 1041.1 | 1042.8 | 1044.6 | 1046.3 | 1048.0 | 1048.9 | 1048.8 | 1048.5 | 1048.2 | 1047.9 | 1047.6 |
| 137.5° | 1096.6 | 1098.0 | 1099.4 | 1100.9 | 1102.3 | 1103.0 | 1103.4 | 1104.3 | 1105.2 | 1106.0 | 1106.9 |
| 140°   | 1154.6 | 1156.0 | 1157.5 | 1158.9 | 1160.4 | 1161.1 | 1161.2 | 1161.5 | 1161.8 | 1162.1 | 1162.4 |
| 142.5° | 1207.5 | 1208.9 | 1210.4 | 1211.8 | 1213.3 | 1214.0 | 1214.3 | 1214.9 | 1215.4 | 1216.0 | 1216.6 |
| 145°   | 1263.0 | 1263.6 | 1264.2 | 1264.7 | 1265.3 | 1265.6 | 1266.0 | 1266.9 | 1267.8 | 1268.6 | 1269.5 |
| 147.5° | 1310.7 | 1311.9 | 1313.0 | 1314.2 | 1315.3 | 1315.9 | 1316.3 | 1317.2 | 1318.1 | 1318.9 | 1319.8 |
| 150°   | 1361.1 | 1361.7 | 1362.2 | 1362.8 | 1363.3 | 1363.6 | 1363.9 | 1364.5 | 1365.0 | 1365.6 | 1366.2 |
| 152.5° | 1402.3 | 1403.2 | 1404.0 | 1404.9 | 1405.8 | 1406.2 | 1406.3 | 1406.6 | 1406.9 | 1407.2 | 1407.5 |
| 155°   | 1446.2 | 1446.2 | 1446.2 | 1446.2 | 1446.2 | 1446.2 | 1446.3 | 1446.6 | 1446.9 | 1447.2 | 1447.5 |
| 157.5° | 1483.6 | 1483.3 | 1483.0 | 1482.7 | 1482.4 | 1482.3 | 1482.4 | 1482.7 | 1483.0 | 1483.3 | 1483.6 |
| 160°   | 1518.5 | 1517.9 | 1517.3 | 1516.8 | 1516.2 | 1515.9 | 1515.9 | 1515.9 | 1515.9 | 1515.9 | 1515.9 |
| 162.5° | 1549.4 | 1548.5 | 1547.7 | 1546.8 | 1545.9 | 1545.5 | 1545.6 | 1545.9 | 1546.2 | 1546.5 | 1546.8 |
| 165°   | 1575.2 | 1574.3 | 1573.5 | 1572.6 | 1571.7 | 1571.3 | 1571.3 | 1571.3 | 1571.3 | 1571.3 | 1571.3 |
| 167.5° | 1597.2 | 1596.0 | 1594.9 | 1593.7 | 1592.6 | 1592.0 | 1592.1 | 1592.4 | 1592.7 | 1593.0 | 1593.3 |
| 170°   | 1615.2 | 1614.1 | 1612.9 | 1611.8 | 1610.7 | 1610.1 | 1610.1 | 1610.1 | 1610.1 | 1610.1 | 1610.1 |
| 172.5° | 1629.4 | 1628.2 | 1627.1 | 1625.9 | 1624.8 | 1624.2 | 1624.2 | 1624.2 | 1624.2 | 1624.2 | 1624.2 |
| 175°   | 1638.4 | 1637.3 | 1636.1 | 1635.0 | 1633.9 | 1633.3 | 1633.3 | 1633.3 | 1633.3 | 1633.3 | 1633.3 |
| 177.5° | 1643.6 | 1642.4 | 1641.3 | 1640.1 | 1639.0 | 1638.4 | 1638.4 | 1638.4 | 1638.4 | 1638.4 | 1638.4 |
| 180°   | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 |
| 2.5°   | 490.3 | 491.2 | 494.4 | 496.6 | 501.2 | 500.7 | 500.7 | 500.2 | 498.9 | 501.2 | 502.5 |
| 5°     | 524.6 | 532.3 | 533.2 | 543.1 | 543.6 | 547.6 | 550.3 | 548.1 | 553.5 | 553.0 | 549.0 |
| 7.5°   | 567.0 | 577.4 | 582.3 | 591.8 | 602.6 | 599.9 | 610.3 | 612.1 | 611.2 | 615.7 | 618.9 |
| 10°    | 613.5 | 631.5 | 644.1 | 661.7 | 666.2 | 669.0 | 675.7 | 681.6 | 693.3 | 684.3 | 690.2 |
| 12.5°  | 666.7 | 679.8 | 696.5 | 724.4 | 738.4 | 747.4 | 750.6 | 754.7 | 762.8 | 757.8 | 758.3 |
| 15°    | 711.4 | 728.9 | 757.4 | 792.1 | 796.2 | 807.4 | 804.7 | 829.1 | 840.8 | 823.2 | 833.1 |
| 17.5°  | 757.8 | 781.3 | 815.1 | 845.3 | 862.5 | 870.1 | 877.4 | 900.8 | 899.9 | 897.2 | 899.5 |
| 20°    | 787.6 | 825.9 | 867.9 | 908.0 | 913.0 | 918.9 | 938.2 | 948.2 | 946.4 | 954.0 | 959.0 |
| 22.5°  | 829.5 | 870.1 | 914.8 | 941.4 | 952.7 | 959.4 | 974.8 | 981.1 | 983.8 | 985.6 | 982.5 |
| 25°    | 864.7 | 908.0 | 941.0 | 964.4 | 971.2 | 974.8 | 979.7 | 981.6 | 980.2 | 977.0 | 979.7 |
| 27.5°  | 888.6 | 923.4 | 945.9 | 956.7 | 953.1 | 947.3 | 937.8 | 931.5 | 917.5 | 910.7 | 918.9 |
| 30°    | 898.6 | 913.9 | 920.7 | 902.6 | 884.6 | 870.1 | 852.1 | 818.7 | 792.5 | 800.2 | 789.8 |
| 32.5°  | 882.8 | 872.8 | 840.4 | 793.9 | 779.9 | 756.5 | 705.5 | 666.2 | 667.6 | 646.8 | 655.4 |
| 35°    | 836.3 | 791.2 | 729.8 | 659.5 | 641.0 | 628.4 | 572.4 | 563.9 | 545.8 | 526.4 | 531.8 |
| 37.5°  | 754.2 | 688.3 | 613.9 | 562.0 | 534.5 | 507.0 | 475.4 | 456.5 | 445.7 | 437.5 | 443.9 |
| 40°    | 654.1 | 573.8 | 512.4 | 466.0 | 442.5 | 424.9 | 403.3 | 384.3 | 372.1 | 370.8 | 373.0 |
| 42.5°  | 555.7 | 488.1 | 431.7 | 387.5 | 379.8 | 359.1 | 345.1 | 330.2 | 326.6 | 320.7 | 323.9 |
| 45°    | 470.5 | 415.4 | 369.0 | 332.9 | 323.9 | 318.5 | 301.3 | 291.8 | 287.8 | 284.2 | 289.6 |
| 47.5°  | 408.7 | 350.9 | 317.1 | 295.5 | 286.4 | 277.4 | 267.9 | 261.6 | 258.5 | 258.9 | 258.5 |
| 50°    | 349.1 | 306.7 | 277.0 | 260.3 | 254.9 | 248.5 | 240.9 | 236.8 | 235.5 | 231.4 | 234.6 |
| 52.5°  | 300.4 | 269.7 | 249.0 | 233.2 | 229.1 | 224.6 | 218.3 | 216.1 | 212.9 | 212.0 | 212.0 |
| 55°    | 261.2 | 237.3 | 220.6 | 210.2 | 205.2 | 201.6 | 198.0 | 195.3 | 193.1 | 193.1 | 193.1 |
| 57.5°  | 230.5 | 209.8 | 197.6 | 188.6 | 186.7 | 183.1 | 179.1 | 179.1 | 175.9 | 175.5 | 176.8 |
| 60°    | 204.3 | 185.8 | 176.4 | 168.7 | 166.0 | 165.1 | 161.0 | 161.0 | 160.1 | 157.9 | 159.7 |
| 62.5°  | 177.7 | 164.2 | 156.1 | 150.2 | 147.5 | 147.5 | 144.3 | 142.1 | 142.1 | 142.5 | 141.6 |
| 65°    | 153.4 | 143.4 | 136.2 | 131.7 | 130.4 | 128.6 | 128.1 | 126.3 | 124.9 | 125.4 | 124.9 |
| 67.5°  | 131.7 | 124.0 | 119.1 | 115.5 | 113.2 | 112.3 | 111.0 | 111.0 | 110.1 | 110.5 | 108.3 |
| 70°    | 112.3 | 104.7 | 100.6 | 97.0  | 96.1  | 96.1  | 94.3  | 94.7  | 93.8  | 95.2  | 94.3  |
| 72.5°  | 92.5  | 86.6  | 83.4  | 82.1  | 81.2  | 80.7  | 79.8  | 78.9  | 78.5  | 79.4  | 78.9  |
| 75°    | 74.9  | 69.9  | 67.7  | 66.8  | 65.9  | 65.9  | 65.4  | 65.0  | 64.5  | 64.5  | 64.5  |
| 77.5°  | 58.2  | 55.0  | 52.3  | 53.2  | 51.9  | 52.3  | 51.0  | 51.0  | 51.4  | 51.0  | 51.0  |
| 80°    | 42.9  | 40.6  | 40.6  | 39.7  | 37.9  | 38.8  | 38.8  | 37.4  | 37.0  | 37.9  | 36.5  |
| 82.5°  | 28.4  | 28.0  | 27.1  | 26.6  | 25.7  | 26.2  | 25.7  | 25.3  | 24.8  | 25.7  | 24.8  |
| 85°    | 16.7  | 16.7  | 16.2  | 15.3  | 16.2  | 15.8  | 15.3  | 15.3  | 14.9  | 14.9  | 14.9  |
| 87.5°  | 8.6   | 7.7   | 7.7   | 7.2   | 7.7   | 6.8   | 7.2   | 6.8   | 6.3   | 6.8   | 6.3   |
| 90°    | 32.1  | 33.3  | 34.4  | 35.5  | 36.1  | 36.4  | 37.0  | 37.5  | 38.1  | 38.7  | 38.1  |
| 92.5°  | 55.1  | 55.9  | 56.8  | 57.7  | 58.1  | 57.8  | 57.2  | 56.7  | 56.1  | 55.5  | 56.1  |
| 95°    | 96.6  | 97.8  | 98.9  | 100.0 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 |
| 97.5°  | 140.7 | 142.2 | 143.6 | 145.1 | 145.8 | 145.7 | 145.4 | 145.1 | 144.8 | 144.5 | 144.8 |
| 100°   | 190.5 | 191.3 | 192.2 | 193.1 | 193.5 | 193.8 | 194.4 | 194.9 | 195.5 | 196.1 | 195.5 |
| 102.5° | 247.3 | 248.1 | 249.0 | 249.9 | 250.3 | 250.2 | 249.9 | 249.6 | 249.3 | 249.0 | 249.3 |
| 105°   | 304.5 | 304.5 | 304.5 | 304.5 | 304.5 | 304.8 | 305.3 | 305.9 | 306.4 | 307.0 | 306.4 |
| 107.5° | 364.7 | 365.5 | 366.4 | 367.3 | 367.7 | 367.6 | 367.3 | 367.0 | 366.7 | 366.4 | 366.7 |
| 110°   | 425.6 | 426.7 | 427.9 | 429.0 | 429.6 | 429.3 | 428.7 | 428.2 | 427.6 | 427.0 | 427.6 |



TEST NUMBER: P1031598

CATALOG NUMBER: S123DIW-B340D1320UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 486.5  | 487.9  | 489.4  | 490.8  | 491.5  | 491.5  | 491.5  | 491.5  | 491.5  | 491.5  | 491.5  |
| 115°   | 549.9  | 550.2  | 550.5  | 550.8  | 550.9  | 550.8  | 550.5  | 550.2  | 549.9  | 549.6  | 549.9  |
| 117.5° | 612.8  | 612.8  | 612.8  | 612.8  | 612.8  | 612.4  | 611.5  | 610.6  | 609.8  | 608.9  | 609.8  |
| 120°   | 675.7  | 675.4  | 675.1  | 674.8  | 674.7  | 674.4  | 673.8  | 673.3  | 672.7  | 672.1  | 672.7  |
| 122.5° | 739.7  | 738.8  | 738.0  | 737.1  | 736.7  | 736.3  | 735.4  | 734.5  | 733.7  | 732.8  | 733.7  |
| 125°   | 802.6  | 801.4  | 800.3  | 799.2  | 798.6  | 798.0  | 796.9  | 795.7  | 794.6  | 793.4  | 794.6  |
| 127.5° | 865.3  | 863.5  | 861.8  | 860.1  | 859.2  | 858.6  | 857.5  | 856.4  | 855.2  | 854.1  | 855.2  |
| 130°   | 926.4  | 925.3  | 924.1  | 923.0  | 922.4  | 921.4  | 919.4  | 917.4  | 915.4  | 913.4  | 915.4  |
| 132.5° | 986.8  | 985.4  | 983.9  | 982.5  | 981.8  | 981.1  | 979.6  | 978.2  | 976.7  | 975.3  | 976.7  |
| 135°   | 1046.4 | 1045.3 | 1044.1 | 1043.0 | 1042.4 | 1042.1 | 1041.5 | 1041.0 | 1040.4 | 1039.8 | 1040.4 |
| 137.5° | 1105.5 | 1104.1 | 1102.6 | 1101.2 | 1100.5 | 1100.1 | 1099.2 | 1098.3 | 1097.5 | 1096.6 | 1097.5 |
| 140°   | 1162.1 | 1161.8 | 1161.5 | 1161.2 | 1161.1 | 1160.1 | 1158.1 | 1156.1 | 1154.1 | 1152.1 | 1154.1 |
| 142.5° | 1216.3 | 1216.0 | 1215.7 | 1215.4 | 1215.3 | 1214.6 | 1213.1 | 1211.7 | 1210.2 | 1208.8 | 1210.2 |
| 145°   | 1269.2 | 1268.9 | 1268.6 | 1268.3 | 1268.2 | 1267.6 | 1266.5 | 1265.3 | 1264.2 | 1263.0 | 1264.2 |
| 147.5° | 1319.8 | 1319.8 | 1319.8 | 1319.8 | 1319.8 | 1318.9 | 1317.2 | 1315.5 | 1313.7 | 1312.0 | 1313.7 |
| 150°   | 1366.2 | 1366.2 | 1366.2 | 1366.2 | 1366.2 | 1365.3 | 1363.6 | 1361.9 | 1360.2 | 1358.5 | 1360.2 |
| 152.5° | 1408.1 | 1408.7 | 1409.2 | 1409.8 | 1410.1 | 1409.4 | 1407.9 | 1406.5 | 1405.0 | 1403.6 | 1405.0 |
| 155°   | 1448.7 | 1449.8 | 1451.0 | 1452.1 | 1452.7 | 1451.7 | 1449.7 | 1447.6 | 1445.6 | 1443.6 | 1445.6 |
| 157.5° | 1484.8 | 1485.9 | 1487.1 | 1488.2 | 1488.8 | 1487.9 | 1486.2 | 1484.5 | 1482.7 | 1481.0 | 1482.7 |
| 160°   | 1517.3 | 1518.7 | 1520.2 | 1521.6 | 1522.3 | 1521.7 | 1520.6 | 1519.5 | 1518.3 | 1517.2 | 1518.3 |
| 162.5° | 1548.2 | 1549.7 | 1551.1 | 1552.6 | 1553.3 | 1552.3 | 1550.3 | 1548.3 | 1546.3 | 1544.3 | 1546.3 |
| 165°   | 1573.0 | 1574.8 | 1576.5 | 1578.2 | 1579.1 | 1578.1 | 1576.1 | 1574.1 | 1572.1 | 1570.1 | 1572.1 |
| 167.5° | 1595.0 | 1596.7 | 1598.4 | 1600.1 | 1601.0 | 1600.1 | 1598.4 | 1596.7 | 1595.0 | 1593.3 | 1595.0 |
| 170°   | 1612.1 | 1614.1 | 1616.1 | 1618.1 | 1619.1 | 1618.1 | 1616.1 | 1614.1 | 1612.1 | 1610.1 | 1612.1 |
| 172.5° | 1625.9 | 1627.7 | 1629.4 | 1631.1 | 1632.0 | 1631.0 | 1629.0 | 1627.0 | 1625.0 | 1623.0 | 1625.0 |
| 175°   | 1635.0 | 1636.7 | 1638.4 | 1640.1 | 1641.0 | 1640.0 | 1638.0 | 1636.0 | 1634.0 | 1632.0 | 1634.0 |
| 177.5° | 1640.1 | 1641.9 | 1643.6 | 1645.3 | 1646.2 | 1645.2 | 1643.2 | 1641.1 | 1639.1 | 1637.1 | 1639.1 |
| 180°   | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 |

TEST NUMBER: P1031598

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**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 465.5 | 465.5 | 465.5 | 465.5  | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 |
| 2.5°   | 498.9 | 500.2 | 496.6 | 495.7  | 495.7 | 497.5 | 496.2 | 484.0 | 486.3 | 483.6 | 482.7 |
| 5°     | 553.9 | 551.2 | 547.6 | 545.8  | 543.6 | 537.2 | 536.8 | 522.8 | 520.1 | 511.1 | 507.0 |
| 7.5°   | 614.4 | 612.1 | 601.3 | 599.9  | 599.0 | 593.2 | 578.3 | 563.4 | 552.6 | 542.2 | 532.3 |
| 10°    | 683.4 | 676.6 | 671.7 | 661.7  | 656.8 | 648.7 | 629.3 | 615.3 | 596.8 | 581.0 | 560.2 |
| 12.5°  | 766.4 | 758.7 | 742.0 | 734.8  | 728.5 | 705.9 | 686.5 | 670.8 | 634.7 | 623.8 | 598.1 |
| 15°    | 827.3 | 811.0 | 809.2 | 793.5  | 792.5 | 767.7 | 730.8 | 713.6 | 685.6 | 645.9 | 619.3 |
| 17.5°  | 893.1 | 878.7 | 867.4 | 848.5  | 845.8 | 822.3 | 795.3 | 753.3 | 722.6 | 684.7 | 650.9 |
| 20°    | 941.4 | 933.7 | 914.3 | 906.7  | 890.9 | 871.0 | 843.1 | 791.2 | 753.8 | 715.9 | 674.4 |
| 22.5°  | 979.7 | 972.1 | 956.7 | 946.4  | 937.3 | 911.6 | 878.3 | 834.0 | 782.6 | 733.0 | 690.2 |
| 25°    | 979.3 | 977.0 | 970.7 | 965.8  | 959.0 | 940.1 | 912.1 | 869.7 | 812.4 | 757.8 | 698.3 |
| 27.5°  | 923.8 | 930.1 | 941.0 | 946.4  | 945.0 | 942.3 | 926.5 | 890.9 | 839.5 | 774.5 | 707.7 |
| 30°    | 808.3 | 831.3 | 851.6 | 878.7  | 886.8 | 906.7 | 915.7 | 895.4 | 854.3 | 793.9 | 719.9 |
| 32.5°  | 670.3 | 703.7 | 747.9 | 762.8  | 788.5 | 826.8 | 869.7 | 877.4 | 851.6 | 805.2 | 727.6 |
| 35°    | 549.9 | 577.4 | 611.7 | 635.1  | 658.1 | 720.4 | 774.5 | 821.4 | 830.0 | 799.3 | 725.8 |
| 37.5°  | 455.1 | 474.5 | 504.8 | 524.6  | 545.8 | 599.0 | 674.8 | 735.7 | 778.6 | 779.5 | 720.8 |
| 40°    | 386.6 | 395.1 | 421.3 | 435.7  | 456.0 | 502.1 | 569.7 | 649.1 | 711.8 | 740.7 | 707.7 |
| 42.5°  | 327.5 | 338.8 | 360.4 | 371.2  | 384.3 | 424.5 | 469.1 | 544.5 | 622.0 | 683.8 | 683.4 |
| 45°    | 292.3 | 300.4 | 310.3 | 319.4  | 334.3 | 358.2 | 409.1 | 465.5 | 539.9 | 609.9 | 637.4 |
| 47.5°  | 261.2 | 268.8 | 278.8 | 281.5  | 291.4 | 314.0 | 345.1 | 394.2 | 463.7 | 533.2 | 585.1 |
| 50°    | 235.0 | 241.3 | 248.1 | 253.1  | 257.6 | 276.1 | 299.5 | 341.0 | 396.5 | 463.7 | 528.2 |
| 52.5°  | 214.7 | 219.2 | 225.1 | 227.8  | 231.9 | 245.4 | 263.4 | 294.1 | 339.7 | 401.0 | 463.7 |
| 55°    | 195.8 | 198.9 | 202.5 | 207.0  | 208.9 | 218.8 | 232.8 | 258.9 | 292.8 | 347.8 | 407.3 |
| 57.5°  | 178.2 | 179.5 | 181.8 | 184.5  | 186.7 | 195.3 | 207.5 | 225.1 | 254.9 | 297.3 | 353.6 |
| 60°    | 158.3 | 161.9 | 163.3 | 166.0  | 167.4 | 174.1 | 183.6 | 198.5 | 221.5 | 258.0 | 300.4 |
| 62.5°  | 141.6 | 143.9 | 146.2 | 147.5  | 150.7 | 152.9 | 160.6 | 174.1 | 193.1 | 220.1 | 258.5 |
| 65°    | 126.8 | 127.7 | 129.0 | 130.4  | 131.3 | 134.0 | 141.2 | 150.2 | 164.6 | 188.6 | 218.3 |
| 67.5°  | 109.6 | 110.5 | 112.3 | 112.8  | 113.7 | 117.3 | 121.3 | 129.0 | 141.2 | 159.2 | 183.6 |
| 70°    | 92.9  | 94.3  | 95.2  | 96.1   | 97.4  | 98.8  | 103.3 | 109.6 | 119.1 | 131.7 | 150.7 |
| 72.5°  | 78.5  | 79.8  | 79.8  | 80.7   | 80.3  | 82.1  | 86.6  | 91.1  | 97.4  | 107.8 | 124.5 |
| 75°    | 64.1  | 64.1  | 65.0  | 65.4   | 65.9  | 67.7  | 69.5  | 73.1  | 78.0  | 86.2  | 96.5  |
| 77.5°  | 50.5  | 50.1  | 51.0  | 51.0   | 51.0  | 52.3  | 54.1  | 55.9  | 59.1  | 65.0  | 73.1  |
| 80°    | 37.0  | 37.0  | 37.9  | 38.3   | 37.4  | 37.9  | 38.8  | 40.6  | 42.9  | 46.9  | 51.4  |
| 82.5°  | 24.4  | 26.2  | 25.7  | 26.2   | 25.7  | 26.6  | 27.1  | 27.5  | 28.4  | 30.2  | 33.4  |
| 85°    | 14.9  | 14.9  | 14.9  | 15.3   | 14.9  | 15.3  | 15.3  | 15.3  | 15.8  | 16.7  | 18.0  |
| 87.5°  | 6.3   | 6.3   | 6.3   | 6.8    | 6.3   | 6.3   | 6.8   | 6.3   | 6.8   | 6.8   | 7.2   |
| 90°    | 37.5  | 37.0  | 36.4  | 36.1   | 35.5  | 34.4  | 33.3  | 32.1  | 31.0  | 27.3  | 23.5  |
| 92.5°  | 56.7  | 57.2  | 57.8  | 58.1   | 57.7  | 56.8  | 55.9  | 55.1  | 54.2  | 52.5  | 50.7  |
| 95°    | 100.6 | 100.6 | 100.6 | 100.6  | 100.0 | 98.9  | 97.8  | 96.6  | 95.5  | 93.2  | 90.9  |
| 97.5°  | 145.1 | 145.4 | 145.7 | 145.8  | 145.1 | 143.6 | 142.2 | 140.7 | 139.3 | 137.6 | 135.9 |
| 100°   | 194.9 | 194.4 | 193.8 | 193.5  | 193.1 | 192.2 | 191.3 | 190.5 | 189.6 | 188.2 | 186.8 |
| 102.5° | 249.6 | 249.9 | 250.2 | 250.3  | 249.9 | 249.0 | 248.1 | 247.3 | 246.4 | 244.4 | 242.4 |
| 105°   | 305.9 | 305.3 | 304.8 | 304.5  | 304.5 | 304.5 | 304.5 | 304.5 | 304.5 | 301.9 | 299.3 |
| 107.5° | 367.0 | 367.3 | 367.6 | 367.7  | 367.3 | 366.4 | 365.5 | 364.7 | 363.8 | 362.6 | 361.5 |
| 110°   | 428.2 | 428.7 | 429.3 | 429.6  | 429.0 | 427.9 | 426.7 | 425.6 | 424.4 | 423.8 | 423.3 |

TEST NUMBER: P1031598

CATALOG NUMBER: S123DIW-B340D1320UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 491.5  | 491.5  | 491.5  | 491.5  | 490.8  | 489.4  | 487.9  | 486.5  | 485.1  | 485.1  | 485.1  |
| 115°   | 550.2  | 550.5  | 550.8  | 550.9  | 550.8  | 550.5  | 550.2  | 549.9  | 549.6  | 550.2  | 550.8  |
| 117.5° | 610.6  | 611.5  | 612.4  | 612.8  | 612.8  | 612.8  | 612.8  | 612.8  | 612.8  | 613.4  | 614.0  |
| 120°   | 673.3  | 673.8  | 674.4  | 674.7  | 674.8  | 675.1  | 675.4  | 675.7  | 676.0  | 677.4  | 678.9  |
| 122.5° | 734.5  | 735.4  | 736.3  | 736.7  | 737.1  | 738.0  | 738.8  | 739.7  | 740.5  | 741.1  | 741.7  |
| 125°   | 795.7  | 796.9  | 798.0  | 798.6  | 799.2  | 800.3  | 801.4  | 802.6  | 803.7  | 804.3  | 804.9  |
| 127.5° | 856.4  | 857.5  | 858.6  | 859.2  | 860.1  | 861.8  | 863.5  | 865.3  | 867.0  | 867.6  | 868.1  |
| 130°   | 917.4  | 919.4  | 921.4  | 922.4  | 923.0  | 924.1  | 925.3  | 926.4  | 927.6  | 928.5  | 929.3  |
| 132.5° | 978.2  | 979.6  | 981.1  | 981.8  | 982.5  | 983.9  | 985.4  | 986.8  | 988.2  | 988.8  | 989.4  |
| 135°   | 1041.0 | 1041.5 | 1042.1 | 1042.4 | 1043.0 | 1044.1 | 1045.3 | 1046.4 | 1047.6 | 1047.9 | 1048.2 |
| 137.5° | 1098.3 | 1099.2 | 1100.1 | 1100.5 | 1101.2 | 1102.6 | 1104.1 | 1105.5 | 1106.9 | 1106.0 | 1105.2 |
| 140°   | 1156.1 | 1158.1 | 1160.1 | 1161.1 | 1161.2 | 1161.5 | 1161.8 | 1162.1 | 1162.4 | 1162.1 | 1161.8 |
| 142.5° | 1211.7 | 1213.1 | 1214.6 | 1215.3 | 1215.4 | 1215.7 | 1216.0 | 1216.3 | 1216.6 | 1216.0 | 1215.4 |
| 145°   | 1265.3 | 1266.5 | 1267.6 | 1268.2 | 1268.3 | 1268.6 | 1268.9 | 1269.2 | 1269.5 | 1268.6 | 1267.8 |
| 147.5° | 1315.5 | 1317.2 | 1318.9 | 1319.8 | 1319.8 | 1319.8 | 1319.8 | 1319.8 | 1319.8 | 1318.9 | 1318.1 |
| 150°   | 1361.9 | 1363.6 | 1365.3 | 1366.2 | 1366.2 | 1366.2 | 1366.2 | 1366.2 | 1366.2 | 1365.6 | 1365.0 |
| 152.5° | 1406.5 | 1407.9 | 1409.4 | 1410.1 | 1409.8 | 1409.2 | 1408.7 | 1408.1 | 1407.5 | 1407.2 | 1406.9 |
| 155°   | 1447.6 | 1449.7 | 1451.7 | 1452.7 | 1452.1 | 1451.0 | 1449.8 | 1448.7 | 1447.5 | 1447.2 | 1446.9 |
| 157.5° | 1484.5 | 1486.2 | 1487.9 | 1488.8 | 1488.2 | 1487.1 | 1485.9 | 1484.8 | 1483.6 | 1483.3 | 1483.0 |
| 160°   | 1519.5 | 1520.6 | 1521.7 | 1522.3 | 1521.6 | 1520.2 | 1518.7 | 1517.3 | 1515.9 | 1515.9 | 1515.9 |
| 162.5° | 1548.3 | 1550.3 | 1552.3 | 1553.3 | 1552.6 | 1551.1 | 1549.7 | 1548.2 | 1546.8 | 1546.5 | 1546.2 |
| 165°   | 1574.1 | 1576.1 | 1578.1 | 1579.1 | 1578.2 | 1576.5 | 1574.8 | 1573.0 | 1571.3 | 1571.3 | 1571.3 |
| 167.5° | 1596.7 | 1598.4 | 1600.1 | 1601.0 | 1600.1 | 1598.4 | 1596.7 | 1595.0 | 1593.3 | 1593.0 | 1592.7 |
| 170°   | 1614.1 | 1616.1 | 1618.1 | 1619.1 | 1618.1 | 1616.1 | 1614.1 | 1612.1 | 1610.1 | 1610.1 | 1610.1 |
| 172.5° | 1627.0 | 1629.0 | 1631.0 | 1632.0 | 1631.1 | 1629.4 | 1627.7 | 1625.9 | 1624.2 | 1624.2 | 1624.2 |
| 175°   | 1636.0 | 1638.0 | 1640.0 | 1641.0 | 1640.1 | 1638.4 | 1636.7 | 1635.0 | 1633.3 | 1633.3 | 1633.3 |
| 177.5° | 1641.1 | 1643.2 | 1645.2 | 1646.2 | 1645.3 | 1643.6 | 1641.9 | 1640.1 | 1638.4 | 1638.4 | 1638.4 |
| 180°   | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 465.5 | 465.5 | 465.5  | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 |
| 2.5°   | 478.1 | 476.8 | 476.8  | 475.9 | 473.2 | 468.2 | 467.8 | 468.7 | 466.0 | 463.3 | 459.2 |
| 5°     | 501.6 | 493.0 | 490.3  | 487.6 | 482.2 | 473.2 | 469.6 | 466.4 | 461.5 | 455.6 | 449.3 |
| 7.5°   | 521.4 | 509.3 | 505.7  | 500.7 | 489.9 | 477.2 | 469.1 | 462.4 | 455.6 | 447.5 | 439.8 |
| 10°    | 546.3 | 528.7 | 520.1  | 512.9 | 498.0 | 480.4 | 468.2 | 458.3 | 447.5 | 437.5 | 427.6 |
| 12.5°  | 574.2 | 545.8 | 543.1  | 525.5 | 508.4 | 482.2 | 467.3 | 452.9 | 438.5 | 426.3 | 415.9 |
| 15°    | 597.7 | 566.6 | 555.3  | 543.6 | 510.6 | 478.1 | 463.7 | 447.5 | 430.8 | 417.7 | 402.4 |
| 17.5°  | 612.6 | 586.9 | 562.9  | 547.2 | 512.9 | 484.0 | 456.0 | 437.5 | 420.0 | 401.9 | 389.3 |
| 20°    | 630.6 | 593.2 | 572.4  | 551.2 | 517.4 | 479.5 | 451.5 | 428.5 | 406.9 | 390.6 | 375.3 |
| 22.5°  | 648.7 | 598.1 | 581.0  | 558.0 | 518.3 | 475.0 | 443.4 | 420.4 | 395.6 | 379.4 | 362.7 |
| 25°    | 646.8 | 605.4 | 576.9  | 557.5 | 509.3 | 470.9 | 433.9 | 406.9 | 383.9 | 363.1 | 346.4 |
| 27.5°  | 648.2 | 597.2 | 568.4  | 545.8 | 503.0 | 465.1 | 424.0 | 395.6 | 371.7 | 350.0 | 332.4 |
| 30°    | 648.7 | 585.1 | 559.8  | 532.7 | 491.2 | 451.1 | 412.7 | 383.9 | 358.6 | 335.2 | 319.4 |
| 32.5°  | 647.3 | 575.1 | 543.6  | 519.2 | 472.7 | 437.5 | 399.7 | 369.0 | 343.3 | 321.6 | 306.7 |
| 35°    | 644.1 | 563.4 | 526.9  | 496.2 | 453.8 | 418.2 | 387.5 | 355.9 | 328.4 | 308.5 | 291.4 |
| 37.5°  | 635.6 | 550.8 | 509.3  | 479.0 | 431.7 | 395.6 | 368.5 | 342.4 | 315.8 | 292.3 | 277.9 |
| 40°    | 629.3 | 533.6 | 491.7  | 458.7 | 407.8 | 372.6 | 350.0 | 325.2 | 299.1 | 277.9 | 263.9 |
| 42.5°  | 614.8 | 517.4 | 473.6  | 434.4 | 384.3 | 348.2 | 327.0 | 307.2 | 284.6 | 263.9 | 251.3 |
| 45°    | 591.4 | 499.8 | 451.5  | 411.8 | 358.6 | 324.3 | 304.9 | 288.7 | 268.8 | 249.0 | 236.4 |
| 47.5°  | 558.4 | 474.5 | 428.1  | 388.4 | 333.3 | 298.6 | 279.2 | 267.0 | 251.3 | 234.6 | 223.7 |
| 50°    | 522.8 | 447.0 | 404.2  | 364.9 | 309.0 | 275.2 | 256.2 | 244.9 | 234.6 | 219.2 | 208.9 |
| 52.5°  | 476.3 | 417.7 | 376.7  | 339.2 | 282.8 | 250.3 | 233.7 | 225.5 | 214.7 | 203.9 | 194.9 |
| 55°    | 431.2 | 379.8 | 346.0  | 310.3 | 257.1 | 226.9 | 210.7 | 202.1 | 195.8 | 186.7 | 179.5 |
| 57.5°  | 378.9 | 344.6 | 313.5  | 281.0 | 233.2 | 205.7 | 190.4 | 180.0 | 175.9 | 171.9 | 165.1 |
| 60°    | 330.6 | 304.5 | 279.2  | 252.2 | 208.4 | 183.6 | 168.7 | 160.6 | 156.5 | 153.8 | 149.3 |
| 62.5°  | 286.4 | 266.1 | 244.5  | 222.8 | 183.1 | 160.6 | 149.3 | 141.2 | 137.6 | 137.1 | 133.1 |
| 65°    | 244.0 | 229.6 | 212.0  | 190.8 | 159.7 | 139.8 | 129.0 | 124.0 | 120.0 | 120.0 | 116.8 |
| 67.5°  | 201.6 | 191.7 | 177.7  | 162.8 | 138.5 | 120.0 | 110.1 | 105.6 | 103.3 | 103.3 | 101.0 |
| 70°    | 167.8 | 161.0 | 148.4  | 135.3 | 114.1 | 100.1 | 92.5  | 88.4  | 87.1  | 87.5  | 85.7  |
| 72.5°  | 136.2 | 129.0 | 118.6  | 109.2 | 93.4  | 83.0  | 77.6  | 73.1  | 70.8  | 71.3  | 70.8  |
| 75°    | 105.6 | 101.9 | 92.9   | 85.7  | 73.1  | 65.9  | 60.9  | 58.6  | 56.8  | 57.3  | 56.4  |
| 77.5°  | 79.4  | 74.0  | 69.0   | 64.1  | 56.4  | 50.5  | 46.5  | 44.2  | 42.9  | 42.9  | 42.9  |
| 80°    | 54.1  | 53.2  | 49.2   | 46.5  | 40.1  | 35.6  | 32.5  | 32.0  | 30.7  | 30.7  | 30.7  |
| 82.5°  | 35.2  | 32.9  | 30.7   | 28.9  | 25.3  | 22.6  | 21.2  | 20.3  | 19.8  | 19.4  | 20.3  |
| 85°    | 19.4  | 18.0  | 17.1   | 15.3  | 14.0  | 12.6  | 11.3  | 10.8  | 10.4  | 10.8  | 10.4  |
| 87.5°  | 7.7   | 6.3   | 6.3    | 5.9   | 5.4   | 5.0   | 5.0   | 4.1   | 4.1   | 3.6   | 3.6   |
| 90°    | 19.8  | 16.1  | 14.2   | 12.8  | 9.9   | 7.0   | 4.2   | 1.3   | 4.2   | 7.0   | 9.9   |
| 92.5°  | 49.0  | 47.3  | 46.4   | 45.5  | 43.8  | 42.1  | 40.4  | 38.7  | 40.4  | 42.1  | 43.8  |
| 95°    | 88.6  | 86.3  | 85.1   | 84.1  | 82.1  | 80.1  | 78.1  | 76.1  | 78.1  | 80.1  | 82.1  |
| 97.5°  | 134.2 | 132.5 | 131.6  | 130.9 | 129.4 | 128.0 | 126.5 | 125.1 | 126.5 | 128.0 | 129.4 |
| 100°   | 185.3 | 183.9 | 183.2  | 182.3 | 180.6 | 178.9 | 177.2 | 175.5 | 177.2 | 178.9 | 180.6 |
| 102.5° | 240.4 | 238.4 | 237.4  | 237.0 | 236.1 | 235.2 | 234.4 | 233.5 | 234.4 | 235.2 | 236.1 |
| 105°   | 296.8 | 294.2 | 292.9  | 292.6 | 292.0 | 291.5 | 290.9 | 290.3 | 290.9 | 291.5 | 292.0 |
| 107.5° | 360.3 | 359.2 | 358.6  | 358.5 | 358.2 | 357.9 | 357.7 | 357.4 | 357.7 | 357.9 | 358.2 |
| 110°   | 422.7 | 422.2 | 421.9  | 421.6 | 421.0 | 420.5 | 419.9 | 419.3 | 419.9 | 420.5 | 421.0 |

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CATALOG NUMBER: S123DIW-B340D1320UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 485.1  | 485.1  | 485.1  | 485.0  | 484.7  | 484.4  | 484.1  | 483.8  | 484.1  | 484.4  | 484.7  |
| 115°   | 551.3  | 551.9  | 552.2  | 551.8  | 550.9  | 550.0  | 549.2  | 548.3  | 549.2  | 550.0  | 550.9  |
| 117.5° | 614.5  | 615.1  | 615.4  | 615.3  | 615.0  | 614.7  | 614.4  | 614.1  | 614.4  | 614.7  | 615.0  |
| 120°   | 680.3  | 681.8  | 682.5  | 681.6  | 679.9  | 678.2  | 676.4  | 674.7  | 676.4  | 678.2  | 679.9  |
| 122.5° | 742.2  | 742.8  | 743.1  | 742.5  | 741.4  | 740.2  | 739.1  | 737.9  | 739.1  | 740.2  | 741.4  |
| 125°   | 805.4  | 806.0  | 806.3  | 805.9  | 805.0  | 804.1  | 803.3  | 802.4  | 803.3  | 804.1  | 805.0  |
| 127.5° | 868.7  | 869.2  | 869.5  | 868.6  | 866.9  | 865.2  | 863.5  | 861.8  | 863.5  | 865.2  | 866.9  |
| 130°   | 930.2  | 931.1  | 931.5  | 930.3  | 928.0  | 925.7  | 923.4  | 921.1  | 923.4  | 925.7  | 928.0  |
| 132.5° | 989.9  | 990.5  | 990.8  | 989.7  | 987.4  | 985.1  | 982.8  | 980.5  | 982.8  | 985.1  | 987.4  |
| 135°   | 1048.5 | 1048.8 | 1048.9 | 1048.0 | 1046.3 | 1044.6 | 1042.8 | 1041.1 | 1042.8 | 1044.6 | 1046.3 |
| 137.5° | 1104.3 | 1103.4 | 1103.0 | 1102.3 | 1100.9 | 1099.4 | 1098.0 | 1096.6 | 1098.0 | 1099.4 | 1100.9 |
| 140°   | 1161.5 | 1161.2 | 1161.1 | 1160.4 | 1158.9 | 1157.5 | 1156.0 | 1154.6 | 1156.0 | 1157.5 | 1158.9 |
| 142.5° | 1214.9 | 1214.3 | 1214.0 | 1213.3 | 1211.8 | 1210.4 | 1208.9 | 1207.5 | 1208.9 | 1210.4 | 1211.8 |
| 145°   | 1266.9 | 1266.0 | 1265.6 | 1265.3 | 1264.7 | 1264.2 | 1263.6 | 1263.0 | 1263.6 | 1264.2 | 1264.7 |
| 147.5° | 1317.2 | 1316.3 | 1315.9 | 1315.3 | 1314.2 | 1313.0 | 1311.9 | 1310.7 | 1311.9 | 1313.0 | 1314.2 |
| 150°   | 1364.5 | 1363.9 | 1363.6 | 1363.3 | 1362.8 | 1362.2 | 1361.7 | 1361.1 | 1361.7 | 1362.2 | 1362.8 |
| 152.5° | 1406.6 | 1406.3 | 1406.2 | 1405.8 | 1404.9 | 1404.0 | 1403.2 | 1402.3 | 1403.2 | 1404.0 | 1404.9 |
| 155°   | 1446.6 | 1446.3 | 1446.2 | 1446.2 | 1446.2 | 1446.2 | 1446.2 | 1446.2 | 1446.2 | 1446.2 | 1446.2 |
| 157.5° | 1482.7 | 1482.4 | 1482.3 | 1482.4 | 1482.7 | 1483.0 | 1483.3 | 1483.6 | 1483.3 | 1483.0 | 1482.7 |
| 160°   | 1515.9 | 1515.9 | 1515.9 | 1516.2 | 1516.8 | 1517.3 | 1517.9 | 1518.5 | 1517.9 | 1517.3 | 1516.8 |
| 162.5° | 1545.9 | 1545.6 | 1545.5 | 1545.9 | 1546.8 | 1547.7 | 1548.5 | 1549.4 | 1548.5 | 1547.7 | 1546.8 |
| 165°   | 1571.3 | 1571.3 | 1571.3 | 1571.7 | 1572.6 | 1573.5 | 1574.3 | 1575.2 | 1574.3 | 1573.5 | 1572.6 |
| 167.5° | 1592.4 | 1592.1 | 1592.0 | 1592.6 | 1593.7 | 1594.9 | 1596.0 | 1597.2 | 1596.0 | 1594.9 | 1593.7 |
| 170°   | 1610.1 | 1610.1 | 1610.1 | 1610.7 | 1611.8 | 1612.9 | 1614.1 | 1615.2 | 1614.1 | 1612.9 | 1611.8 |
| 172.5° | 1624.2 | 1624.2 | 1624.2 | 1624.8 | 1625.9 | 1627.1 | 1628.2 | 1629.4 | 1628.2 | 1627.1 | 1625.9 |
| 175°   | 1633.3 | 1633.3 | 1633.3 | 1633.9 | 1635.0 | 1636.1 | 1637.3 | 1638.4 | 1637.3 | 1636.1 | 1635.0 |
| 177.5° | 1638.4 | 1638.4 | 1638.4 | 1639.0 | 1640.1 | 1641.3 | 1642.4 | 1643.6 | 1642.4 | 1641.3 | 1640.1 |
| 180°   | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 465.5 | 465.5  | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 |
| 2.5°   | 458.3 | 457.8  | 458.7 | 456.0 | 451.5 | 449.3 | 443.0 | 441.6 | 441.2 | 441.6 | 442.1 |
| 5°     | 445.7 | 445.2  | 443.9 | 439.4 | 433.9 | 429.9 | 422.2 | 421.8 | 419.1 | 416.3 | 417.7 |
| 7.5°   | 433.5 | 431.7  | 429.0 | 423.1 | 415.9 | 411.4 | 405.1 | 400.6 | 397.0 | 394.7 | 392.9 |
| 10°    | 421.3 | 418.6  | 415.9 | 408.2 | 399.2 | 392.4 | 384.8 | 381.2 | 377.1 | 375.3 | 373.5 |
| 12.5°  | 405.5 | 402.8  | 397.9 | 388.8 | 383.4 | 374.8 | 367.2 | 363.6 | 361.3 | 357.7 | 355.5 |
| 15°    | 392.9 | 387.5  | 384.8 | 375.3 | 364.0 | 363.1 | 349.1 | 348.2 | 343.7 | 343.7 | 340.1 |
| 17.5°  | 378.5 | 374.4  | 369.4 | 360.0 | 351.8 | 343.7 | 336.5 | 333.8 | 329.7 | 328.8 | 327.0 |
| 20°    | 364.5 | 359.1  | 357.3 | 347.8 | 339.2 | 329.3 | 321.6 | 318.9 | 317.1 | 315.3 | 316.7 |
| 22.5°  | 350.0 | 345.5  | 341.0 | 332.4 | 326.1 | 316.2 | 311.7 | 309.0 | 306.3 | 305.4 | 305.8 |
| 25°    | 336.1 | 332.0  | 327.5 | 318.9 | 312.1 | 304.0 | 300.0 | 298.6 | 297.3 | 297.3 | 296.8 |
| 27.5°  | 322.5 | 318.5  | 314.4 | 306.7 | 300.0 | 294.1 | 290.9 | 289.6 | 288.2 | 289.1 | 290.0 |
| 30°    | 308.5 | 304.9  | 301.3 | 294.6 | 289.1 | 283.7 | 281.9 | 281.0 | 280.6 | 282.8 | 282.8 |
| 32.5°  | 295.9 | 292.8  | 290.0 | 283.7 | 278.3 | 273.8 | 272.5 | 272.9 | 273.4 | 274.7 | 275.6 |
| 35°    | 282.8 | 280.6  | 277.9 | 272.5 | 267.9 | 263.9 | 264.3 | 264.3 | 265.2 | 267.5 | 269.3 |
| 37.5°  | 271.1 | 267.9  | 265.7 | 261.2 | 257.6 | 254.0 | 255.3 | 256.7 | 257.6 | 260.3 | 261.2 |
| 40°    | 257.1 | 255.8  | 254.0 | 249.4 | 246.3 | 245.8 | 246.3 | 247.2 | 249.0 | 250.3 | 251.7 |
| 42.5°  | 245.8 | 244.0  | 241.8 | 238.2 | 235.5 | 235.9 | 236.4 | 237.3 | 238.2 | 240.4 | 241.8 |
| 45°    | 233.2 | 231.9  | 230.1 | 226.9 | 224.6 | 225.1 | 225.5 | 225.5 | 226.4 | 229.1 | 230.1 |
| 47.5°  | 219.2 | 219.7  | 217.4 | 214.3 | 212.9 | 212.9 | 212.9 | 213.8 | 216.1 | 217.0 | 217.4 |
| 50°    | 205.7 | 204.8  | 204.3 | 201.2 | 200.3 | 199.8 | 200.3 | 200.7 | 203.9 | 203.4 | 204.8 |
| 52.5°  | 191.3 | 191.3  | 190.8 | 189.0 | 187.6 | 187.6 | 186.7 | 189.0 | 189.9 | 190.8 | 192.2 |
| 55°    | 177.3 | 175.9  | 175.5 | 174.6 | 172.8 | 172.3 | 173.2 | 175.9 | 176.8 | 177.7 | 179.1 |
| 57.5°  | 161.9 | 161.9  | 161.0 | 159.7 | 159.7 | 159.7 | 159.7 | 161.5 | 162.8 | 163.7 | 166.4 |
| 60°    | 148.0 | 146.2  | 144.8 | 144.8 | 144.8 | 144.3 | 147.1 | 147.1 | 149.8 | 150.2 | 151.1 |
| 62.5°  | 131.3 | 130.4  | 129.5 | 129.9 | 129.5 | 130.4 | 131.3 | 133.1 | 133.5 | 134.9 | 136.2 |
| 65°    | 115.5 | 115.5  | 114.6 | 117.3 | 115.5 | 115.5 | 117.7 | 117.7 | 118.6 | 120.0 | 121.8 |
| 67.5°  | 100.1 | 100.6  | 99.7  | 99.7  | 100.6 | 101.0 | 101.5 | 103.3 | 103.7 | 105.6 | 107.8 |
| 70°    | 84.4  | 85.3   | 85.7  | 84.8  | 85.7  | 86.6  | 87.5  | 88.0  | 89.8  | 90.7  | 92.0  |
| 72.5°  | 70.4  | 71.3   | 69.9  | 70.4  | 70.8  | 71.7  | 72.2  | 73.1  | 74.0  | 76.7  | 77.6  |
| 75°    | 56.4  | 55.9   | 55.5  | 57.3  | 56.4  | 58.2  | 58.6  | 58.6  | 59.5  | 61.8  | 62.7  |
| 77.5°  | 43.3  | 43.3   | 43.8  | 42.9  | 44.2  | 43.8  | 44.2  | 45.6  | 46.9  | 46.9  | 50.5  |
| 80°    | 30.2  | 31.1   | 31.1  | 31.1  | 31.6  | 32.0  | 31.1  | 33.4  | 33.8  | 33.8  | 35.2  |
| 82.5°  | 19.4  | 19.8   | 19.4  | 20.3  | 20.3  | 21.2  | 20.7  | 21.2  | 22.1  | 23.0  | 23.5  |
| 85°    | 10.4  | 10.4   | 11.3  | 11.3  | 10.8  | 11.3  | 10.8  | 11.3  | 12.2  | 12.2  | 12.6  |
| 87.5°  | 3.6   | 3.6    | 3.6   | 3.6   | 4.1   | 3.6   | 4.1   | 4.1   | 3.6   | 3.6   | 5.0   |
| 90°    | 12.8  | 14.2   | 16.1  | 19.8  | 23.5  | 27.3  | 31.0  | 32.1  | 33.3  | 34.4  | 35.5  |
| 92.5°  | 45.5  | 46.4   | 47.3  | 49.0  | 50.7  | 52.5  | 54.2  | 55.1  | 55.9  | 56.8  | 57.7  |
| 95°    | 84.1  | 85.1   | 86.3  | 88.6  | 90.9  | 93.2  | 95.5  | 96.6  | 97.8  | 98.9  | 100.0 |
| 97.5°  | 130.9 | 131.6  | 132.5 | 134.2 | 135.9 | 137.6 | 139.3 | 140.7 | 142.2 | 143.6 | 145.1 |
| 100°   | 182.3 | 183.2  | 183.9 | 185.3 | 186.8 | 188.2 | 189.6 | 190.5 | 191.3 | 192.2 | 193.1 |
| 102.5° | 237.0 | 237.4  | 238.4 | 240.4 | 242.4 | 244.4 | 246.4 | 247.3 | 248.1 | 249.0 | 249.9 |
| 105°   | 292.6 | 292.9  | 294.2 | 296.8 | 299.3 | 301.9 | 304.5 | 304.5 | 304.5 | 304.5 | 304.5 |
| 107.5° | 358.5 | 358.6  | 359.2 | 360.3 | 361.5 | 362.6 | 363.8 | 364.7 | 365.5 | 366.4 | 367.3 |
| 110°   | 421.6 | 421.9  | 422.2 | 422.7 | 423.3 | 423.8 | 424.4 | 425.6 | 426.7 | 427.9 | 429.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 485.0  | 485.1  | 485.1  | 485.1  | 485.1  | 485.1  | 485.1  | 486.5  | 487.9  | 489.4  | 490.8  |
| 115°   | 551.8  | 552.2  | 551.9  | 551.3  | 550.8  | 550.2  | 549.6  | 549.9  | 550.2  | 550.5  | 550.8  |
| 117.5° | 615.3  | 615.4  | 615.1  | 614.5  | 614.0  | 613.4  | 612.8  | 612.8  | 612.8  | 612.8  | 612.8  |
| 120°   | 681.6  | 682.5  | 681.8  | 680.3  | 678.9  | 677.4  | 676.0  | 675.7  | 675.4  | 675.1  | 674.8  |
| 122.5° | 742.5  | 743.1  | 742.8  | 742.2  | 741.7  | 741.1  | 740.5  | 739.7  | 738.8  | 738.0  | 737.1  |
| 125°   | 805.9  | 806.3  | 806.0  | 805.4  | 804.9  | 804.3  | 803.7  | 802.6  | 801.4  | 800.3  | 799.2  |
| 127.5° | 868.6  | 869.5  | 869.2  | 868.7  | 868.1  | 867.6  | 867.0  | 865.3  | 863.5  | 861.8  | 860.1  |
| 130°   | 930.3  | 931.5  | 931.1  | 930.2  | 929.3  | 928.5  | 927.6  | 926.4  | 925.3  | 924.1  | 923.0  |
| 132.5° | 989.7  | 990.8  | 990.5  | 989.9  | 989.4  | 988.8  | 988.2  | 986.8  | 985.4  | 983.9  | 982.5  |
| 135°   | 1048.0 | 1048.9 | 1048.8 | 1048.5 | 1048.2 | 1047.9 | 1047.6 | 1046.4 | 1045.3 | 1044.1 | 1043.0 |
| 137.5° | 1102.3 | 1103.0 | 1103.4 | 1104.3 | 1105.2 | 1106.0 | 1106.9 | 1105.5 | 1104.1 | 1102.6 | 1101.2 |
| 140°   | 1160.4 | 1161.1 | 1161.2 | 1161.5 | 1161.8 | 1162.1 | 1162.4 | 1162.1 | 1161.8 | 1161.5 | 1161.2 |
| 142.5° | 1213.3 | 1214.0 | 1214.3 | 1214.9 | 1215.4 | 1216.0 | 1216.6 | 1216.3 | 1216.0 | 1215.7 | 1215.4 |
| 145°   | 1265.3 | 1265.6 | 1266.0 | 1266.9 | 1267.8 | 1268.6 | 1269.5 | 1269.2 | 1268.9 | 1268.6 | 1268.3 |
| 147.5° | 1315.3 | 1315.9 | 1316.3 | 1317.2 | 1318.1 | 1318.9 | 1319.8 | 1319.8 | 1319.8 | 1319.8 | 1319.8 |
| 150°   | 1363.3 | 1363.6 | 1363.9 | 1364.5 | 1365.0 | 1365.6 | 1366.2 | 1366.2 | 1366.2 | 1366.2 | 1366.2 |
| 152.5° | 1405.8 | 1406.2 | 1406.3 | 1406.6 | 1406.9 | 1407.2 | 1407.5 | 1408.1 | 1408.7 | 1409.2 | 1409.8 |
| 155°   | 1446.2 | 1446.2 | 1446.3 | 1446.6 | 1446.9 | 1447.2 | 1447.5 | 1448.7 | 1449.8 | 1451.0 | 1452.1 |
| 157.5° | 1482.4 | 1482.3 | 1482.4 | 1482.7 | 1483.0 | 1483.3 | 1483.6 | 1484.8 | 1485.9 | 1487.1 | 1488.2 |
| 160°   | 1516.2 | 1515.9 | 1515.9 | 1515.9 | 1515.9 | 1515.9 | 1515.9 | 1517.3 | 1518.7 | 1520.2 | 1521.6 |
| 162.5° | 1545.9 | 1545.5 | 1545.6 | 1545.9 | 1546.2 | 1546.5 | 1546.8 | 1548.2 | 1549.7 | 1551.1 | 1552.6 |
| 165°   | 1571.7 | 1571.3 | 1571.3 | 1571.3 | 1571.3 | 1571.3 | 1571.3 | 1573.0 | 1574.8 | 1576.5 | 1578.2 |
| 167.5° | 1592.6 | 1592.0 | 1592.1 | 1592.4 | 1592.7 | 1593.0 | 1593.3 | 1595.0 | 1596.7 | 1598.4 | 1600.1 |
| 170°   | 1610.7 | 1610.1 | 1610.1 | 1610.1 | 1610.1 | 1610.1 | 1610.1 | 1612.1 | 1614.1 | 1616.1 | 1618.1 |
| 172.5° | 1624.8 | 1624.2 | 1624.2 | 1624.2 | 1624.2 | 1624.2 | 1624.2 | 1625.9 | 1627.7 | 1629.4 | 1631.1 |
| 175°   | 1633.9 | 1633.3 | 1633.3 | 1633.3 | 1633.3 | 1633.3 | 1633.3 | 1635.0 | 1636.7 | 1638.4 | 1640.1 |
| 177.5° | 1639.0 | 1638.4 | 1638.4 | 1638.4 | 1638.4 | 1638.4 | 1638.4 | 1640.1 | 1641.9 | 1643.6 | 1645.3 |
| 180°   | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 465.5  | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5  |
| 2.5°   | 441.6  | 442.1 | 440.3 | 438.9 | 442.5 | 440.3 | 440.3 | 440.7 | 439.8 | 441.2 | 440.7  |
| 5°     | 416.8  | 417.2 | 414.1 | 415.0 | 413.2 | 412.7 | 412.3 | 415.0 | 414.5 | 414.1 | 415.0  |
| 7.5°   | 392.4  | 392.4 | 391.1 | 390.2 | 390.2 | 388.8 | 390.6 | 390.2 | 391.1 | 391.1 | 392.4  |
| 10°    | 372.1  | 373.0 | 370.8 | 368.5 | 368.1 | 368.5 | 368.5 | 369.0 | 369.4 | 372.6 | 372.1  |
| 12.5°  | 355.5  | 354.1 | 353.6 | 352.3 | 350.0 | 349.1 | 348.2 | 353.2 | 351.8 | 351.8 | 351.8  |
| 15°    | 337.0  | 340.1 | 339.7 | 335.6 | 334.7 | 336.5 | 335.6 | 335.6 | 340.1 | 339.7 | 339.2  |
| 17.5°  | 327.0  | 326.1 | 325.2 | 323.0 | 323.4 | 323.0 | 323.4 | 323.4 | 326.1 | 326.1 | 326.1  |
| 20°    | 315.8  | 314.0 | 314.0 | 313.1 | 313.1 | 311.7 | 313.5 | 314.0 | 315.8 | 315.8 | 316.2  |
| 22.5°  | 305.8  | 304.5 | 304.5 | 304.0 | 304.9 | 303.1 | 304.9 | 305.4 | 305.4 | 306.7 | 306.7  |
| 25°    | 297.3  | 296.4 | 296.4 | 297.3 | 297.3 | 297.3 | 297.3 | 299.1 | 297.7 | 298.2 | 297.7  |
| 27.5°  | 289.6  | 290.0 | 290.5 | 290.9 | 290.5 | 290.9 | 291.4 | 292.3 | 292.8 | 292.3 | 291.4  |
| 30°    | 282.4  | 283.7 | 284.2 | 284.2 | 285.1 | 285.5 | 286.0 | 286.0 | 286.4 | 285.1 | 286.0  |
| 32.5°  | 277.0  | 277.0 | 277.9 | 278.3 | 279.2 | 279.7 | 279.7 | 280.6 | 280.1 | 278.8 | 279.2  |
| 35°    | 269.3  | 269.3 | 271.1 | 272.0 | 273.4 | 272.9 | 273.4 | 273.4 | 273.8 | 272.9 | 271.6  |
| 37.5°  | 261.6  | 262.5 | 262.5 | 264.3 | 264.8 | 265.2 | 264.8 | 265.7 | 265.2 | 264.3 | 263.9  |
| 40°    | 252.6  | 252.2 | 252.6 | 254.0 | 254.4 | 254.4 | 254.4 | 255.3 | 255.3 | 255.3 | 254.9  |
| 42.5°  | 241.3  | 242.7 | 242.2 | 243.6 | 243.1 | 243.1 | 244.0 | 244.9 | 245.4 | 244.0 | 244.5  |
| 45°    | 230.5  | 230.5 | 231.4 | 231.4 | 231.9 | 231.9 | 233.7 | 232.8 | 233.7 | 232.8 | 233.2  |
| 47.5°  | 218.8  | 219.2 | 219.2 | 219.7 | 220.6 | 221.5 | 220.6 | 221.0 | 221.0 | 221.5 | 220.6  |
| 50°    | 205.7  | 205.7 | 206.6 | 207.9 | 209.8 | 208.9 | 208.4 | 210.2 | 208.9 | 208.9 | 207.9  |
| 52.5°  | 192.2  | 193.5 | 194.0 | 195.3 | 196.7 | 197.1 | 197.6 | 196.7 | 197.1 | 195.8 | 196.2  |
| 55°    | 179.1  | 179.5 | 181.3 | 182.7 | 184.0 | 184.0 | 183.6 | 184.0 | 184.5 | 182.7 | 182.7  |
| 57.5°  | 166.0  | 167.4 | 169.2 | 169.2 | 171.0 | 171.0 | 170.5 | 170.5 | 171.0 | 169.6 | 169.2  |
| 60°    | 152.0  | 153.4 | 155.6 | 155.6 | 158.3 | 158.8 | 157.9 | 157.0 | 157.0 | 155.6 | 156.1  |
| 62.5°  | 137.1  | 138.5 | 139.8 | 142.1 | 143.9 | 143.0 | 144.8 | 143.0 | 143.4 | 140.7 | 140.7  |
| 65°    | 124.0  | 124.5 | 126.8 | 129.0 | 129.0 | 129.9 | 129.0 | 129.5 | 128.1 | 128.1 | 126.3  |
| 67.5°  | 108.7  | 108.7 | 111.0 | 113.2 | 115.5 | 115.5 | 115.5 | 114.1 | 114.1 | 112.8 | 112.8  |
| 70°    | 95.2   | 94.7  | 97.0  | 98.3  | 99.7  | 100.1 | 99.2  | 98.8  | 97.9  | 96.5  | 96.1   |
| 72.5°  | 78.5   | 79.4  | 81.6  | 82.5  | 84.8  | 84.4  | 86.6  | 83.9  | 83.9  | 81.6  | 81.2   |
| 75°    | 63.6   | 64.5  | 66.8  | 68.1  | 69.5  | 69.5  | 70.8  | 69.5  | 67.7  | 66.8  | 66.3   |
| 77.5°  | 50.5   | 50.1  | 51.9  | 54.1  | 54.6  | 54.1  | 55.0  | 54.6  | 52.8  | 52.8  | 51.9   |
| 80°    | 36.1   | 37.4  | 39.2  | 38.8  | 40.6  | 40.1  | 40.1  | 39.2  | 39.2  | 37.9  | 38.8   |
| 82.5°  | 23.9   | 25.3  | 25.7  | 25.3  | 25.7  | 26.6  | 27.1  | 26.6  | 26.6  | 25.7  | 26.2   |
| 85°    | 12.6   | 12.6  | 13.5  | 14.0  | 13.5  | 13.5  | 14.0  | 15.3  | 14.4  | 13.5  | 14.4   |
| 87.5°  | 4.1    | 3.6   | 3.6   | 4.1   | 3.6   | 3.6   | 4.1   | 4.1   | 4.5   | 4.5   | 4.5    |
| 90°    | 36.1   | 36.4  | 37.0  | 37.5  | 38.1  | 38.7  | 38.1  | 37.5  | 37.0  | 36.4  | 36.1   |
| 92.5°  | 58.1   | 57.8  | 57.2  | 56.7  | 56.1  | 55.5  | 56.1  | 56.7  | 57.2  | 57.8  | 58.1   |
| 95°    | 100.6  | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6 | 100.6  |
| 97.5°  | 145.8  | 145.7 | 145.4 | 145.1 | 144.8 | 144.5 | 144.8 | 145.1 | 145.4 | 145.7 | 145.8  |
| 100°   | 193.5  | 193.8 | 194.4 | 194.9 | 195.5 | 196.1 | 195.5 | 194.9 | 194.4 | 193.8 | 193.5  |
| 102.5° | 250.3  | 250.2 | 249.9 | 249.6 | 249.3 | 249.0 | 249.3 | 249.6 | 249.9 | 250.2 | 250.3  |
| 105°   | 304.5  | 304.8 | 305.3 | 305.9 | 306.4 | 307.0 | 306.4 | 305.9 | 305.3 | 304.8 | 304.5  |
| 107.5° | 367.7  | 367.6 | 367.3 | 367.0 | 366.7 | 366.4 | 366.7 | 367.0 | 367.3 | 367.6 | 367.7  |
| 110°   | 429.6  | 429.3 | 428.7 | 428.2 | 427.6 | 427.0 | 427.6 | 428.2 | 428.7 | 429.3 | 429.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 491.5  | 491.5  | 491.5  | 491.5  | 491.5  | 491.5  | 491.5  | 491.5  | 491.5  | 491.5  | 491.5  |
| 115°   | 550.9  | 550.8  | 550.5  | 550.2  | 549.9  | 549.6  | 549.9  | 550.2  | 550.5  | 550.8  | 550.9  |
| 117.5° | 612.8  | 612.4  | 611.5  | 610.6  | 609.8  | 608.9  | 609.8  | 610.6  | 611.5  | 612.4  | 612.8  |
| 120°   | 674.7  | 674.4  | 673.8  | 673.3  | 672.7  | 672.1  | 672.7  | 673.3  | 673.8  | 674.4  | 674.7  |
| 122.5° | 736.7  | 736.3  | 735.4  | 734.5  | 733.7  | 732.8  | 733.7  | 734.5  | 735.4  | 736.3  | 736.7  |
| 125°   | 798.6  | 798.0  | 796.9  | 795.7  | 794.6  | 793.4  | 794.6  | 795.7  | 796.9  | 798.0  | 798.6  |
| 127.5° | 859.2  | 858.6  | 857.5  | 856.4  | 855.2  | 854.1  | 855.2  | 856.4  | 857.5  | 858.6  | 859.2  |
| 130°   | 922.4  | 921.4  | 919.4  | 917.4  | 915.4  | 913.4  | 915.4  | 917.4  | 919.4  | 921.4  | 922.4  |
| 132.5° | 981.8  | 981.1  | 979.6  | 978.2  | 976.7  | 975.3  | 976.7  | 978.2  | 979.6  | 981.1  | 981.8  |
| 135°   | 1042.4 | 1042.1 | 1041.5 | 1041.0 | 1040.4 | 1039.8 | 1040.4 | 1041.0 | 1041.5 | 1042.1 | 1042.4 |
| 137.5° | 1100.5 | 1100.1 | 1099.2 | 1098.3 | 1097.5 | 1096.6 | 1097.5 | 1098.3 | 1099.2 | 1100.1 | 1100.5 |
| 140°   | 1161.1 | 1160.1 | 1158.1 | 1156.1 | 1154.1 | 1152.1 | 1154.1 | 1156.1 | 1158.1 | 1160.1 | 1161.1 |
| 142.5° | 1215.3 | 1214.6 | 1213.1 | 1211.7 | 1210.2 | 1208.8 | 1210.2 | 1211.7 | 1213.1 | 1214.6 | 1215.3 |
| 145°   | 1268.2 | 1267.6 | 1266.5 | 1265.3 | 1264.2 | 1263.0 | 1264.2 | 1265.3 | 1266.5 | 1267.6 | 1268.2 |
| 147.5° | 1319.8 | 1318.9 | 1317.2 | 1315.5 | 1313.7 | 1312.0 | 1313.7 | 1315.5 | 1317.2 | 1318.9 | 1319.8 |
| 150°   | 1366.2 | 1365.3 | 1363.6 | 1361.9 | 1360.2 | 1358.5 | 1360.2 | 1361.9 | 1363.6 | 1365.3 | 1366.2 |
| 152.5° | 1410.1 | 1409.4 | 1407.9 | 1406.5 | 1405.0 | 1403.6 | 1405.0 | 1406.5 | 1407.9 | 1409.4 | 1410.1 |
| 155°   | 1452.7 | 1451.7 | 1449.7 | 1447.6 | 1445.6 | 1443.6 | 1445.6 | 1447.6 | 1449.7 | 1451.7 | 1452.7 |
| 157.5° | 1488.8 | 1487.9 | 1486.2 | 1484.5 | 1482.7 | 1481.0 | 1482.7 | 1484.5 | 1486.2 | 1487.9 | 1488.8 |
| 160°   | 1522.3 | 1521.7 | 1520.6 | 1519.5 | 1518.3 | 1517.2 | 1518.3 | 1519.5 | 1520.6 | 1521.7 | 1522.3 |
| 162.5° | 1553.3 | 1552.3 | 1550.3 | 1548.3 | 1546.3 | 1544.3 | 1546.3 | 1548.3 | 1550.3 | 1552.3 | 1553.3 |
| 165°   | 1579.1 | 1578.1 | 1576.1 | 1574.1 | 1572.1 | 1570.1 | 1572.1 | 1574.1 | 1576.1 | 1578.1 | 1579.1 |
| 167.5° | 1601.0 | 1600.1 | 1598.4 | 1596.7 | 1595.0 | 1593.3 | 1595.0 | 1596.7 | 1598.4 | 1600.1 | 1601.0 |
| 170°   | 1619.1 | 1618.1 | 1616.1 | 1614.1 | 1612.1 | 1610.1 | 1612.1 | 1614.1 | 1616.1 | 1618.1 | 1619.1 |
| 172.5° | 1632.0 | 1631.0 | 1629.0 | 1627.0 | 1625.0 | 1623.0 | 1625.0 | 1627.0 | 1629.0 | 1631.0 | 1632.0 |
| 175°   | 1641.0 | 1640.0 | 1638.0 | 1636.0 | 1634.0 | 1632.0 | 1634.0 | 1636.0 | 1638.0 | 1640.0 | 1641.0 |
| 177.5° | 1646.2 | 1645.2 | 1643.2 | 1641.1 | 1639.1 | 1637.1 | 1639.1 | 1641.1 | 1643.2 | 1645.2 | 1646.2 |
| 180°   | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5 | 465.5  | 465.5 |
| 2.5°   | 442.1 | 443.0 | 443.4 | 441.6 | 440.3 | 442.5 | 445.7 | 447.9 | 449.7 | 452.0  | 453.3 |
| 5°     | 415.9 | 419.1 | 419.1 | 420.0 | 421.3 | 423.6 | 429.4 | 433.5 | 437.1 | 439.8  | 442.1 |
| 7.5°   | 393.8 | 396.0 | 397.4 | 399.7 | 401.9 | 405.1 | 411.8 | 417.7 | 423.1 | 426.3  | 429.9 |
| 10°    | 373.9 | 375.8 | 378.0 | 379.4 | 383.4 | 387.9 | 396.5 | 401.5 | 407.8 | 412.7  | 417.2 |
| 12.5°  | 355.0 | 361.3 | 362.7 | 362.2 | 365.8 | 370.8 | 379.4 | 387.0 | 393.8 | 398.8  | 403.7 |
| 15°    | 341.5 | 343.7 | 346.4 | 346.0 | 353.6 | 355.0 | 362.2 | 371.2 | 380.3 | 383.4  | 387.9 |
| 17.5°  | 326.6 | 330.2 | 332.9 | 334.3 | 336.5 | 341.5 | 348.2 | 355.0 | 366.7 | 367.2  | 378.9 |
| 20°    | 314.9 | 318.5 | 320.3 | 322.1 | 323.4 | 329.3 | 335.2 | 342.8 | 352.3 | 357.3  | 363.6 |
| 22.5°  | 307.2 | 309.0 | 310.3 | 311.7 | 313.5 | 316.7 | 323.9 | 332.4 | 338.8 | 344.2  | 348.2 |
| 25°    | 298.2 | 300.0 | 301.8 | 302.7 | 304.0 | 305.8 | 311.2 | 318.0 | 327.0 | 330.6  | 334.7 |
| 27.5°  | 291.8 | 291.8 | 292.8 | 292.8 | 294.6 | 296.4 | 300.4 | 306.7 | 314.0 | 318.5  | 323.9 |
| 30°    | 285.1 | 284.6 | 285.1 | 284.6 | 284.2 | 286.9 | 290.5 | 295.9 | 300.9 | 306.3  | 309.9 |
| 32.5°  | 278.3 | 277.9 | 277.9 | 278.3 | 276.5 | 277.9 | 279.7 | 284.6 | 290.0 | 292.8  | 296.8 |
| 35°    | 271.1 | 270.2 | 270.2 | 270.2 | 269.3 | 268.4 | 270.2 | 274.7 | 278.3 | 281.9  | 285.1 |
| 37.5°  | 263.9 | 262.5 | 262.5 | 261.6 | 260.7 | 259.4 | 259.4 | 263.0 | 267.9 | 269.3  | 273.4 |
| 40°    | 254.0 | 254.0 | 253.1 | 252.6 | 251.7 | 250.8 | 249.4 | 252.6 | 257.1 | 258.5  | 261.6 |
| 42.5°  | 244.0 | 242.7 | 242.2 | 242.2 | 242.2 | 240.9 | 240.0 | 242.2 | 244.9 | 247.2  | 249.0 |
| 45°    | 232.8 | 231.9 | 232.3 | 231.9 | 231.0 | 230.5 | 230.1 | 231.0 | 234.1 | 235.0  | 237.3 |
| 47.5°  | 220.6 | 220.1 | 220.1 | 219.7 | 219.2 | 219.7 | 217.9 | 220.1 | 221.0 | 221.9  | 223.7 |
| 50°    | 207.9 | 207.5 | 207.0 | 206.6 | 206.6 | 207.0 | 206.6 | 206.6 | 208.4 | 209.3  | 211.1 |
| 52.5°  | 195.3 | 194.0 | 194.0 | 193.5 | 193.5 | 192.6 | 193.5 | 194.0 | 194.9 | 195.8  | 196.7 |
| 55°    | 181.8 | 181.8 | 180.4 | 180.4 | 179.5 | 179.5 | 180.0 | 179.5 | 181.3 | 182.2  | 182.2 |
| 57.5°  | 168.7 | 166.9 | 167.4 | 166.4 | 165.5 | 165.1 | 165.1 | 166.0 | 166.9 | 166.9  | 167.8 |
| 60°    | 154.7 | 152.9 | 152.5 | 150.7 | 151.6 | 150.2 | 150.7 | 150.7 | 152.5 | 151.6  | 152.5 |
| 62.5°  | 140.7 | 138.5 | 137.1 | 136.2 | 136.2 | 136.7 | 135.8 | 135.3 | 136.2 | 137.1  | 138.9 |
| 65°    | 125.9 | 124.5 | 123.1 | 121.8 | 121.8 | 121.3 | 122.2 | 120.9 | 120.4 | 120.9  | 121.8 |
| 67.5°  | 110.5 | 109.2 | 107.8 | 106.5 | 106.9 | 105.6 | 104.7 | 106.0 | 105.1 | 105.6  | 106.5 |
| 70°    | 95.6  | 94.7  | 92.0  | 91.1  | 90.7  | 91.1  | 90.7  | 89.8  | 91.1  | 90.7   | 91.1  |
| 72.5°  | 80.7  | 79.8  | 78.5  | 76.2  | 76.2  | 75.8  | 75.3  | 75.3  | 74.9  | 74.9   | 74.9  |
| 75°    | 66.3  | 64.5  | 63.2  | 62.7  | 61.8  | 61.3  | 60.9  | 60.0  | 60.4  | 60.9   | 60.0  |
| 77.5°  | 51.4  | 49.2  | 48.7  | 48.7  | 47.4  | 47.4  | 47.8  | 47.4  | 46.9  | 46.9   | 46.9  |
| 80°    | 37.9  | 36.1  | 36.1  | 35.2  | 34.3  | 34.3  | 34.3  | 34.3  | 33.8  | 33.4   | 33.8  |
| 82.5°  | 24.4  | 23.9  | 23.5  | 23.5  | 24.4  | 22.6  | 23.5  | 23.0  | 22.6  | 22.6   | 22.1  |
| 85°    | 13.5  | 14.0  | 13.5  | 14.0  | 13.1  | 13.5  | 13.5  | 13.5  | 13.1  | 13.5   | 12.6  |
| 87.5°  | 5.0   | 5.0   | 5.0   | 5.4   | 5.4   | 5.4   | 5.4   | 5.4   | 5.9   | 5.4    | 5.4   |
| 90°    | 35.5  | 34.4  | 33.3  | 32.1  | 31.0  | 27.3  | 23.5  | 19.8  | 16.1  | 14.2   | 12.8  |
| 92.5°  | 57.7  | 56.8  | 55.9  | 55.1  | 54.2  | 52.5  | 50.7  | 49.0  | 47.3  | 46.4   | 45.5  |
| 95°    | 100.0 | 98.9  | 97.8  | 96.6  | 95.5  | 93.2  | 90.9  | 88.6  | 86.3  | 85.1   | 84.1  |
| 97.5°  | 145.1 | 143.6 | 142.2 | 140.7 | 139.3 | 137.6 | 135.9 | 134.2 | 132.5 | 131.6  | 130.9 |
| 100°   | 193.1 | 192.2 | 191.3 | 190.5 | 189.6 | 188.2 | 186.8 | 185.3 | 183.9 | 183.2  | 182.3 |
| 102.5° | 249.9 | 249.0 | 248.1 | 247.3 | 246.4 | 244.4 | 242.4 | 240.4 | 238.4 | 237.4  | 237.0 |
| 105°   | 304.5 | 304.5 | 304.5 | 304.5 | 304.5 | 301.9 | 299.3 | 296.8 | 294.2 | 292.9  | 292.6 |
| 107.5° | 367.3 | 366.4 | 365.5 | 364.7 | 363.8 | 362.6 | 361.5 | 360.3 | 359.2 | 358.6  | 358.5 |
| 110°   | 429.0 | 427.9 | 426.7 | 425.6 | 424.4 | 423.8 | 423.3 | 422.7 | 422.2 | 421.9  | 421.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 490.8  | 489.4  | 487.9  | 486.5  | 485.1  | 485.1  | 485.1  | 485.1  | 485.1  | 485.1  | 485.0  |
| 115°   | 550.8  | 550.5  | 550.2  | 549.9  | 549.6  | 550.2  | 550.8  | 551.3  | 551.9  | 552.2  | 551.8  |
| 117.5° | 612.8  | 612.8  | 612.8  | 612.8  | 612.8  | 613.4  | 614.0  | 614.5  | 615.1  | 615.4  | 615.3  |
| 120°   | 674.8  | 675.1  | 675.4  | 675.7  | 676.0  | 677.4  | 678.9  | 680.3  | 681.8  | 682.5  | 681.6  |
| 122.5° | 737.1  | 738.0  | 738.8  | 739.7  | 740.5  | 741.1  | 741.7  | 742.2  | 742.8  | 743.1  | 742.5  |
| 125°   | 799.2  | 800.3  | 801.4  | 802.6  | 803.7  | 804.3  | 804.9  | 805.4  | 806.0  | 806.3  | 805.9  |
| 127.5° | 860.1  | 861.8  | 863.5  | 865.3  | 867.0  | 867.6  | 868.1  | 868.7  | 869.2  | 869.5  | 868.6  |
| 130°   | 923.0  | 924.1  | 925.3  | 926.4  | 927.6  | 928.5  | 929.3  | 930.2  | 931.1  | 931.5  | 930.3  |
| 132.5° | 982.5  | 983.9  | 985.4  | 986.8  | 988.2  | 988.8  | 989.4  | 989.9  | 990.5  | 990.8  | 989.7  |
| 135°   | 1043.0 | 1044.1 | 1045.3 | 1046.4 | 1047.6 | 1047.9 | 1048.2 | 1048.5 | 1048.8 | 1048.9 | 1048.0 |
| 137.5° | 1101.2 | 1102.6 | 1104.1 | 1105.5 | 1106.9 | 1106.0 | 1105.2 | 1104.3 | 1103.4 | 1103.0 | 1102.3 |
| 140°   | 1161.2 | 1161.5 | 1161.8 | 1162.1 | 1162.4 | 1162.1 | 1161.8 | 1161.5 | 1161.2 | 1161.1 | 1160.4 |
| 142.5° | 1215.4 | 1215.7 | 1216.0 | 1216.3 | 1216.6 | 1216.0 | 1215.4 | 1214.9 | 1214.3 | 1214.0 | 1213.3 |
| 145°   | 1268.3 | 1268.6 | 1268.9 | 1269.2 | 1269.5 | 1268.6 | 1267.8 | 1266.9 | 1266.0 | 1265.6 | 1265.3 |
| 147.5° | 1319.8 | 1319.8 | 1319.8 | 1319.8 | 1319.8 | 1318.9 | 1318.1 | 1317.2 | 1316.3 | 1315.9 | 1315.3 |
| 150°   | 1366.2 | 1366.2 | 1366.2 | 1366.2 | 1366.2 | 1365.6 | 1365.0 | 1364.5 | 1363.9 | 1363.6 | 1363.3 |
| 152.5° | 1409.8 | 1409.2 | 1408.7 | 1408.1 | 1407.5 | 1407.2 | 1406.9 | 1406.6 | 1406.3 | 1406.2 | 1405.8 |
| 155°   | 1452.1 | 1451.0 | 1449.8 | 1448.7 | 1447.5 | 1447.2 | 1446.9 | 1446.6 | 1446.3 | 1446.2 | 1446.2 |
| 157.5° | 1488.2 | 1487.1 | 1485.9 | 1484.8 | 1483.6 | 1483.3 | 1483.0 | 1482.7 | 1482.4 | 1482.3 | 1482.4 |
| 160°   | 1521.6 | 1520.2 | 1518.7 | 1517.3 | 1515.9 | 1515.9 | 1515.9 | 1515.9 | 1515.9 | 1515.9 | 1516.2 |
| 162.5° | 1552.6 | 1551.1 | 1549.7 | 1548.2 | 1546.8 | 1546.5 | 1546.2 | 1545.9 | 1545.6 | 1545.5 | 1545.9 |
| 165°   | 1578.2 | 1576.5 | 1574.8 | 1573.0 | 1571.3 | 1571.3 | 1571.3 | 1571.3 | 1571.3 | 1571.3 | 1571.7 |
| 167.5° | 1600.1 | 1598.4 | 1596.7 | 1595.0 | 1593.3 | 1593.0 | 1592.7 | 1592.4 | 1592.1 | 1592.0 | 1592.6 |
| 170°   | 1618.1 | 1616.1 | 1614.1 | 1612.1 | 1610.1 | 1610.1 | 1610.1 | 1610.1 | 1610.1 | 1610.1 | 1610.7 |
| 172.5° | 1631.1 | 1629.4 | 1627.7 | 1625.9 | 1624.2 | 1624.2 | 1624.2 | 1624.2 | 1624.2 | 1624.2 | 1624.8 |
| 175°   | 1640.1 | 1638.4 | 1636.7 | 1635.0 | 1633.3 | 1633.3 | 1633.3 | 1633.3 | 1633.3 | 1633.3 | 1633.9 |
| 177.5° | 1645.3 | 1643.6 | 1641.9 | 1640.1 | 1638.4 | 1638.4 | 1638.4 | 1638.4 | 1638.4 | 1638.4 | 1639.0 |
| 180°   | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 | 1642.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 465.5 | 465.5 | 465.5 | 465.5 |
| 2.5°   | 455.6 | 456.9 | 461.5 | 466.9 |
| 5°     | 446.6 | 450.2 | 456.5 | 465.1 |
| 7.5°   | 436.6 | 442.1 | 451.1 | 461.9 |
| 10°    | 425.4 | 433.0 | 444.3 | 457.8 |
| 12.5°  | 413.2 | 423.1 | 437.5 | 451.5 |
| 15°    | 405.5 | 415.4 | 428.5 | 443.9 |
| 17.5°  | 390.6 | 402.4 | 415.9 | 437.5 |
| 20°    | 375.3 | 388.4 | 406.0 | 427.6 |
| 22.5°  | 363.6 | 377.6 | 394.2 | 417.2 |
| 25°    | 349.6 | 364.0 | 382.1 | 406.0 |
| 27.5°  | 334.7 | 349.1 | 369.4 | 394.7 |
| 30°    | 323.4 | 337.4 | 356.8 | 383.9 |
| 32.5°  | 309.9 | 323.4 | 343.7 | 372.1 |
| 35°    | 294.6 | 309.9 | 329.3 | 358.2 |
| 37.5°  | 282.8 | 296.8 | 317.1 | 344.6 |
| 40°    | 270.2 | 282.4 | 302.2 | 329.3 |
| 42.5°  | 256.7 | 270.2 | 287.3 | 314.4 |
| 45°    | 244.0 | 254.0 | 271.6 | 297.3 |
| 47.5°  | 230.5 | 241.8 | 255.3 | 275.2 |
| 50°    | 216.1 | 225.5 | 240.4 | 254.0 |
| 52.5°  | 202.1 | 209.8 | 222.4 | 232.8 |
| 55°    | 187.2 | 194.9 | 204.3 | 210.7 |
| 57.5°  | 173.2 | 178.6 | 184.9 | 189.0 |
| 60°    | 156.1 | 161.5 | 165.5 | 169.6 |
| 62.5°  | 140.7 | 144.8 | 147.1 | 149.3 |
| 65°    | 124.9 | 127.2 | 128.6 | 130.4 |
| 67.5°  | 107.8 | 110.1 | 110.5 | 113.2 |
| 70°    | 92.0  | 92.5  | 93.4  | 94.7  |
| 72.5°  | 77.1  | 78.0  | 77.6  | 78.5  |
| 75°    | 61.8  | 62.7  | 61.8  | 62.7  |
| 77.5°  | 46.9  | 47.8  | 47.8  | 49.2  |
| 80°    | 33.8  | 34.3  | 34.7  | 34.7  |
| 82.5°  | 22.1  | 23.5  | 22.6  | 23.0  |
| 85°    | 12.6  | 13.1  | 13.1  | 13.5  |
| 87.5°  | 5.9   | 6.3   | 5.9   | 6.8   |
| 90°    | 9.9   | 7.0   | 4.2   | 1.3   |
| 92.5°  | 43.8  | 42.1  | 40.4  | 38.7  |
| 95°    | 82.1  | 80.1  | 78.1  | 76.1  |
| 97.5°  | 129.4 | 128.0 | 126.5 | 125.1 |
| 100°   | 180.6 | 178.9 | 177.2 | 175.5 |
| 102.5° | 236.1 | 235.2 | 234.4 | 233.5 |
| 105°   | 292.0 | 291.5 | 290.9 | 290.3 |
| 107.5° | 358.2 | 357.9 | 357.7 | 357.4 |
| 110°   | 421.0 | 420.5 | 419.9 | 419.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 484.7  | 484.4  | 484.1  | 483.8  |
| 115°   | 550.9  | 550.0  | 549.2  | 548.3  |
| 117.5° | 615.0  | 614.7  | 614.4  | 614.1  |
| 120°   | 679.9  | 678.2  | 676.4  | 674.7  |
| 122.5° | 741.4  | 740.2  | 739.1  | 737.9  |
| 125°   | 805.0  | 804.1  | 803.3  | 802.4  |
| 127.5° | 866.9  | 865.2  | 863.5  | 861.8  |
| 130°   | 928.0  | 925.7  | 923.4  | 921.1  |
| 132.5° | 987.4  | 985.1  | 982.8  | 980.5  |
| 135°   | 1046.3 | 1044.6 | 1042.8 | 1041.1 |
| 137.5° | 1100.9 | 1099.4 | 1098.0 | 1096.6 |
| 140°   | 1158.9 | 1157.5 | 1156.0 | 1154.6 |
| 142.5° | 1211.8 | 1210.4 | 1208.9 | 1207.5 |
| 145°   | 1264.7 | 1264.2 | 1263.6 | 1263.0 |
| 147.5° | 1314.2 | 1313.0 | 1311.9 | 1310.7 |
| 150°   | 1362.8 | 1362.2 | 1361.7 | 1361.1 |
| 152.5° | 1404.9 | 1404.0 | 1403.2 | 1402.3 |
| 155°   | 1446.2 | 1446.2 | 1446.2 | 1446.2 |
| 157.5° | 1482.7 | 1483.0 | 1483.3 | 1483.6 |
| 160°   | 1516.8 | 1517.3 | 1517.9 | 1518.5 |
| 162.5° | 1546.8 | 1547.7 | 1548.5 | 1549.4 |
| 165°   | 1572.6 | 1573.5 | 1574.3 | 1575.2 |
| 167.5° | 1593.7 | 1594.9 | 1596.0 | 1597.2 |
| 170°   | 1611.8 | 1612.9 | 1614.1 | 1615.2 |
| 172.5° | 1625.9 | 1627.1 | 1628.2 | 1629.4 |
| 175°   | 1635.0 | 1636.1 | 1637.3 | 1638.4 |
| 177.5° | 1640.1 | 1641.3 | 1642.4 | 1643.6 |
| 180°   | 1642.3 | 1642.3 | 1642.3 | 1642.3 |

(END OF REPORT)