

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: P1031466

Luminaire Tested: S123DIW-B1165D1535UB27-4F0-XX-W2A-A1

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1031466  
REPORT IS A COMBINATION OF REPORTS P990982 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123DIW-B1165D1535UB27-4F0-XX-W2A-A1  
Description: Define 3 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

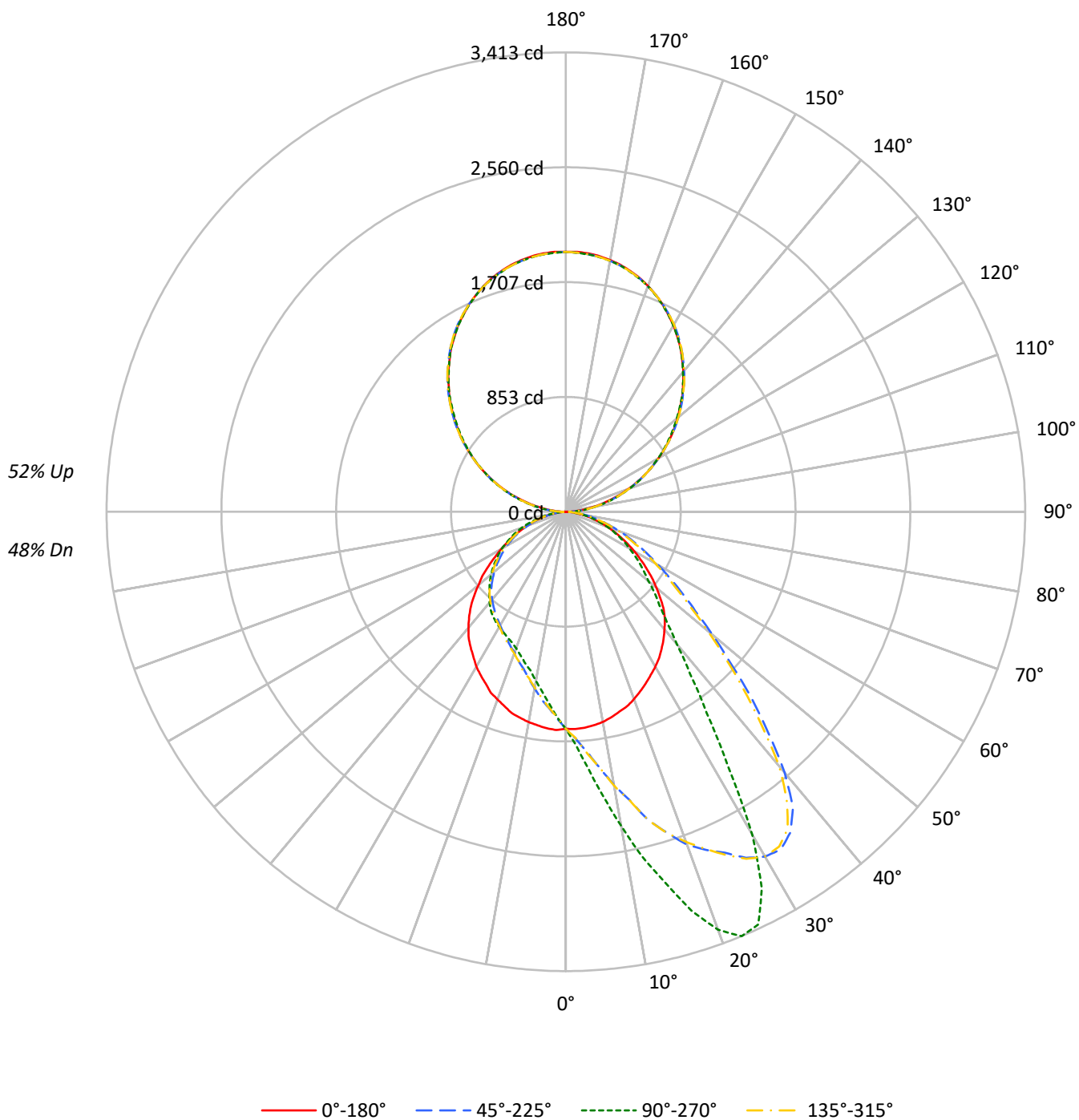
Lumens per Lamp: N/A  
Luminaire Lumens: 10220.0 lumens  
Efficiency: N/A  
Efficacy: 90.0 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 113.5  
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: P1031466

CATALOG NUMBER: S123DIW-B1165D1535UB27-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P1031466

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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   | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 54 | 54 | 54 |
| 1   | 98  | 93  | 90  | 86  | 90 | 86 | 83 | 80 | 72 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 |
| 2   | 89  | 82  | 76  | 71  | 82 | 75 | 70 | 66 | 64 | 60 | 57 | 53 | 50 | 48 | 43 | 41 | 39 |
| 3   | 81  | 72  | 65  | 59  | 75 | 67 | 60 | 55 | 56 | 52 | 48 | 47 | 43 | 41 | 38 | 36 | 34 |
| 4   | 74  | 64  | 56  | 50  | 68 | 59 | 52 | 47 | 50 | 45 | 41 | 42 | 38 | 35 | 34 | 31 | 29 |
| 5   | 68  | 57  | 49  | 43  | 63 | 53 | 46 | 40 | 45 | 40 | 35 | 38 | 34 | 30 | 31 | 28 | 25 |
| 6   | 63  | 51  | 43  | 37  | 58 | 47 | 40 | 35 | 41 | 35 | 31 | 34 | 30 | 27 | 28 | 25 | 22 |
| 7   | 58  | 46  | 38  | 33  | 54 | 43 | 36 | 31 | 37 | 31 | 27 | 31 | 27 | 24 | 26 | 22 | 20 |
| 8   | 54  | 42  | 34  | 29  | 50 | 39 | 32 | 27 | 33 | 28 | 24 | 28 | 24 | 21 | 23 | 20 | 18 |
| 9   | 50  | 38  | 31  | 26  | 46 | 36 | 29 | 24 | 31 | 25 | 22 | 26 | 22 | 19 | 22 | 18 | 16 |
| 10  | 47  | 35  | 28  | 23  | 43 | 33 | 26 | 22 | 28 | 23 | 19 | 24 | 20 | 17 | 20 | 17 | 15 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 17350 | 17350 | 17350 | 17350 |
| 5°  | 17361 | 19991 | 17412 | 14920 |
| 10° | 17252 | 24191 | 17269 | 13029 |
| 15° | 17013 | 28690 | 17151 | 11728 |
| 20° | 16808 | 33032 | 16843 | 10792 |
| 25° | 16503 | 33864 | 16540 | 10303 |
| 30° | 16286 | 27978 | 16286 | 9983  |
| 35° | 16016 | 18711 | 15916 | 9701  |
| 40° | 15692 | 13507 | 15498 | 9267  |
| 45° | 15286 | 10699 | 14845 | 8729  |
| 50° | 14300 | 9087  | 13791 | 8201  |
| 55° | 13216 | 7984  | 12678 | 7612  |
| 60° | 12119 | 6952  | 11473 | 6992  |
| 65° | 10912 | 5953  | 10383 | 6167  |
| 70° | 9659  | 4942  | 9014  | 5198  |
| 75° | 8258  | 3727  | 7726  | 4012  |
| 80° | 6531  | 2488  | 6021  | 2636  |
| 85° | 4505  | 1141  | 3602  | 1040  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 27982 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 158.5   | 1.6       |
| 10°-20°   | 509.2   | 5.0       |
| 20°-30°   | 856.7   | 8.4       |
| 30°-40°   | 968.2   | 9.5       |
| 40°-50°   | 867.2   | 8.5       |
| 50°-60°   | 700.0   | 6.8       |
| 60°-70°   | 487.8   | 4.8       |
| 70°-80°   | 256.0   | 2.5       |
| 80°-90°   | 65.5    | 0.6       |
| 90°-100°  | 124.3   | 1.2       |
| 100°-110° | 376.3   | 3.7       |
| 110°-120° | 640.6   | 6.3       |
| 120°-130° | 842.7   | 8.2       |
| 130°-140° | 947.2   | 9.3       |
| 140°-150° | 931.2   | 9.1       |
| 150°-160° | 784.0   | 7.7       |
| 160°-170° | 521.9   | 5.1       |
| 170°-180° | 182.8   | 1.8       |
| 0°-30°    | 1524.4  | 14.9      |
| 0°-40°    | 2492.6  | 24.4      |
| 0°-60°    | 4059.8  | 39.7      |
| 0°-90°    | 4869.1  | 47.6      |
| 90°-120°  | 1141.1  | 11.2      |
| 90°-150°  | 3862.3  | 37.8      |
| 90°-180°  | 5351.0  | 52.4      |
| 0°-180°   | 10220.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1612 | 1612 | 1612 | 1612 | 1612 |      |
| 5°   | 1610 | 1915 | 1615 | 1429 | 1610 | 153  |
| 15°  | 1537 | 2850 | 1549 | 1165 | 1537 | 434  |
| 25°  | 1406 | 3383 | 1409 | 1029 | 1406 | 648  |
| 35°  | 1240 | 1823 | 1232 | 945  | 1240 | 776  |
| 45°  | 1029 | 984  | 1000 | 803  | 1029 | 787  |
| 55°  | 729  | 668  | 700  | 637  | 729  | 653  |
| 65°  | 451  | 434  | 430  | 450  | 451  | 450  |
| 75°  | 217  | 223  | 203  | 240  | 217  | 233  |
| 85°  | 47   | 52   | 38   | 47   | 47   | 54   |
| 90°  | 2    | 46   | 2    | 46   | 2    | 10   |
| 95°  | 90   | 118  | 90   | 118  | 90   | 99   |
| 105° | 341  | 361  | 341  | 361  | 341  | 365  |
| 115° | 645  | 646  | 645  | 646  | 645  | 638  |
| 125° | 944  | 933  | 944  | 933  | 944  | 842  |
| 135° | 1224 | 1223 | 1224 | 1223 | 1224 | 943  |
| 145° | 1485 | 1485 | 1485 | 1485 | 1485 | 928  |
| 155° | 1701 | 1698 | 1701 | 1698 | 1701 | 783  |
| 165° | 1852 | 1846 | 1852 | 1846 | 1852 | 522  |
| 175° | 1927 | 1919 | 1927 | 1919 | 1927 | 183  |
| 180° | 1931 | 1931 | 1931 | 1931 | 1931 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1616.6 | 1629.1 | 1635.3 | 1644.7 | 1654.1 | 1668.1 | 1672.8 | 1680.6 | 1677.5 | 1683.8 | 1686.9 |
| 5°     | 1610.3 | 1632.2 | 1651.0 | 1674.4 | 1696.3 | 1711.9 | 1727.5 | 1752.5 | 1771.2 | 1774.3 | 1788.4 |
| 7.5°   | 1599.4 | 1630.7 | 1663.5 | 1696.3 | 1738.4 | 1763.4 | 1791.5 | 1825.9 | 1854.0 | 1899.3 | 1916.5 |
| 10°    | 1585.4 | 1629.1 | 1675.9 | 1721.2 | 1779.0 | 1818.1 | 1852.4 | 1910.2 | 1968.0 | 2014.9 | 2058.6 |
| 12.5°  | 1563.5 | 1618.2 | 1679.1 | 1746.2 | 1821.2 | 1866.5 | 1913.4 | 1989.9 | 2077.4 | 2149.2 | 2196.1 |
| 15°    | 1536.9 | 1605.7 | 1683.8 | 1755.6 | 1838.4 | 1922.7 | 1972.7 | 2058.6 | 2183.6 | 2250.7 | 2371.0 |
| 17.5°  | 1515.1 | 1585.4 | 1663.5 | 1775.9 | 1888.4 | 1972.7 | 2008.6 | 2166.4 | 2252.3 | 2364.8 | 2500.6 |
| 20°    | 1480.7 | 1569.7 | 1669.7 | 1782.2 | 1927.4 | 1979.0 | 2052.4 | 2211.7 | 2317.9 | 2464.7 | 2631.8 |
| 22.5°  | 1444.8 | 1540.1 | 1660.3 | 1777.5 | 1939.9 | 1994.6 | 2094.5 | 2221.1 | 2389.7 | 2535.0 | 2719.3 |
| 25°    | 1405.7 | 1508.8 | 1630.7 | 1769.7 | 1929.0 | 2008.6 | 2102.4 | 2258.5 | 2441.3 | 2624.0 | 2794.3 |
| 27.5°  | 1366.7 | 1479.1 | 1605.7 | 1744.7 | 1899.3 | 1993.0 | 2086.7 | 2249.2 | 2483.5 | 2681.8 | 2898.9 |
| 30°    | 1329.2 | 1441.7 | 1568.2 | 1710.3 | 1872.8 | 1963.3 | 2052.4 | 2255.4 | 2516.3 | 2739.6 | 2958.3 |
| 32.5°  | 1288.6 | 1404.2 | 1536.9 | 1655.6 | 1819.6 | 1916.5 | 2016.4 | 2255.4 | 2536.6 | 2774.0 | 2973.9 |
| 35°    | 1240.2 | 1358.9 | 1472.9 | 1591.6 | 1754.0 | 1861.8 | 1974.3 | 2239.8 | 2555.3 | 2784.9 | 2908.3 |
| 37.5°  | 1193.3 | 1298.0 | 1396.4 | 1511.9 | 1682.2 | 1797.8 | 1927.4 | 2221.1 | 2545.9 | 2738.1 | 2772.4 |
| 40°    | 1140.2 | 1244.9 | 1324.5 | 1432.3 | 1611.9 | 1746.2 | 1877.4 | 2196.1 | 2505.3 | 2627.2 | 2527.2 |
| 42.5°  | 1088.7 | 1171.4 | 1240.2 | 1344.8 | 1540.1 | 1671.3 | 1813.4 | 2150.8 | 2425.7 | 2450.7 | 2225.7 |
| 45°    | 1029.3 | 1088.7 | 1149.6 | 1268.3 | 1462.0 | 1596.3 | 1754.0 | 2085.2 | 2297.6 | 2225.7 | 1941.5 |
| 47.5°  | 952.8  | 1005.9 | 1073.0 | 1182.4 | 1379.2 | 1518.2 | 1668.1 | 2000.8 | 2111.7 | 1961.8 | 1651.0 |
| 50°    | 879.4  | 924.7  | 987.1  | 1093.3 | 1291.7 | 1427.6 | 1586.9 | 1868.1 | 1922.7 | 1686.9 | 1422.9 |
| 52.5°  | 806.0  | 840.3  | 901.2  | 1007.4 | 1205.8 | 1337.0 | 1482.3 | 1732.2 | 1700.9 | 1447.9 | 1213.6 |
| 55°    | 729.4  | 759.1  | 816.9  | 921.5  | 1105.8 | 1230.8 | 1369.8 | 1565.1 | 1483.8 | 1243.3 | 1055.9 |
| 57.5°  | 654.4  | 685.7  | 745.0  | 832.5  | 1005.9 | 1127.7 | 1238.6 | 1391.7 | 1269.8 | 1077.7 | 912.2  |
| 60°    | 587.3  | 613.8  | 659.1  | 745.0  | 902.8  | 1001.2 | 1102.7 | 1207.4 | 1105.8 | 920.0  | 793.5  |
| 62.5°  | 517.0  | 542.0  | 584.2  | 662.3  | 798.1  | 885.6  | 966.8  | 1052.7 | 940.3  | 804.4  | 691.9  |
| 65°    | 451.4  | 471.7  | 510.8  | 582.6  | 693.5  | 765.3  | 830.9  | 890.3  | 799.7  | 674.8  | 590.4  |
| 67.5°  | 392.0  | 409.2  | 442.0  | 506.1  | 599.8  | 651.3  | 704.4  | 754.4  | 677.9  | 577.9  | 506.1  |
| 70°    | 328.0  | 342.1  | 371.7  | 418.6  | 493.6  | 546.7  | 585.7  | 623.2  | 554.5  | 474.8  | 426.4  |
| 72.5°  | 271.8  | 285.8  | 304.6  | 353.0  | 404.5  | 437.3  | 479.5  | 499.8  | 460.8  | 395.2  | 346.7  |
| 75°    | 217.1  | 228.0  | 245.2  | 276.5  | 324.9  | 346.7  | 373.3  | 388.9  | 353.0  | 309.3  | 279.6  |
| 77.5°  | 170.3  | 174.9  | 187.4  | 209.3  | 242.1  | 267.1  | 287.4  | 296.8  | 271.8  | 243.7  | 218.7  |
| 80°    | 120.3  | 126.5  | 135.9  | 154.6  | 179.6  | 187.4  | 199.9  | 210.9  | 195.2  | 170.3  | 154.6  |
| 82.5°  | 79.7   | 87.5   | 92.2   | 100.0  | 115.6  | 125.0  | 128.1  | 137.4  | 123.4  | 114.0  | 107.8  |
| 85°    | 46.9   | 50.0   | 51.5   | 56.2   | 64.0   | 68.7   | 73.4   | 75.0   | 71.8   | 70.3   | 64.0   |
| 87.5°  | 23.4   | 23.4   | 23.4   | 26.6   | 28.1   | 31.2   | 32.8   | 32.8   | 32.8   | 31.2   | 29.7   |
| 90°    | 1.5    | 4.9    | 8.3    | 11.6   | 15.0   | 16.7   | 18.9   | 23.3   | 27.6   | 32.0   | 36.4   |
| 92.5°  | 45.5   | 47.5   | 49.5   | 51.6   | 53.6   | 54.6   | 55.6   | 57.6   | 59.7   | 61.7   | 63.7   |
| 95°    | 89.5   | 91.9   | 94.2   | 96.6   | 98.9   | 100.1  | 101.5  | 104.2  | 106.9  | 109.6  | 112.3  |
| 97.5°  | 147.2  | 148.9  | 150.5  | 152.2  | 153.9  | 154.7  | 155.7  | 157.7  | 159.8  | 161.8  | 163.8  |
| 100°   | 206.3  | 208.3  | 210.3  | 212.4  | 214.4  | 215.4  | 216.2  | 217.9  | 219.6  | 221.3  | 223.0  |
| 102.5° | 274.6  | 275.6  | 276.6  | 277.6  | 278.6  | 279.1  | 280.3  | 282.7  | 285.0  | 287.4  | 289.8  |
| 105°   | 341.3  | 342.0  | 342.7  | 343.4  | 344.1  | 344.4  | 345.9  | 348.9  | 352.0  | 355.0  | 358.0  |
| 107.5° | 420.2  | 420.5  | 420.9  | 421.2  | 421.5  | 421.7  | 422.4  | 423.7  | 425.1  | 426.4  | 427.8  |
| 110°   | 493.0  | 493.7  | 494.4  | 495.1  | 495.8  | 496.1  | 496.4  | 497.1  | 497.8  | 498.4  | 499.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 568.9  | 569.2  | 569.6  | 569.9  | 570.2  | 570.4  | 570.4  | 570.4  | 570.4  | 570.4  | 570.4  |
| 115°   | 644.7  | 645.7  | 646.7  | 647.8  | 648.8  | 649.3  | 649.0  | 648.3  | 647.6  | 647.0  | 646.3  |
| 117.5° | 722.1  | 722.4  | 722.8  | 723.1  | 723.4  | 723.6  | 723.3  | 722.6  | 721.9  | 721.3  | 720.6  |
| 120°   | 793.4  | 795.4  | 797.4  | 799.5  | 801.5  | 802.5  | 801.7  | 800.0  | 798.3  | 796.6  | 794.9  |
| 122.5° | 867.7  | 869.1  | 870.4  | 871.8  | 873.1  | 873.8  | 873.5  | 872.8  | 872.1  | 871.5  | 870.8  |
| 125°   | 943.6  | 944.6  | 945.6  | 946.6  | 947.6  | 948.1  | 947.8  | 947.1  | 946.4  | 945.8  | 945.1  |
| 127.5° | 1013.4 | 1015.4 | 1017.4 | 1019.5 | 1021.5 | 1022.5 | 1022.2 | 1021.5 | 1020.8 | 1020.1 | 1019.4 |
| 130°   | 1083.2 | 1085.9 | 1088.6 | 1091.3 | 1094.0 | 1095.3 | 1094.8 | 1093.8 | 1092.7 | 1091.7 | 1090.7 |
| 132.5° | 1152.9 | 1155.6 | 1158.3 | 1161.0 | 1163.7 | 1165.1 | 1164.8 | 1164.1 | 1163.4 | 1162.7 | 1162.0 |
| 135°   | 1224.2 | 1226.2 | 1228.2 | 1230.3 | 1232.3 | 1233.3 | 1233.1 | 1232.8 | 1232.5 | 1232.1 | 1231.8 |
| 137.5° | 1289.5 | 1291.2 | 1292.9 | 1294.6 | 1296.3 | 1297.1 | 1297.6 | 1298.6 | 1299.6 | 1300.6 | 1301.6 |
| 140°   | 1357.7 | 1359.4 | 1361.1 | 1362.8 | 1364.5 | 1365.3 | 1365.5 | 1365.8 | 1366.1 | 1366.5 | 1366.8 |
| 142.5° | 1419.9 | 1421.6 | 1423.3 | 1425.0 | 1426.7 | 1427.5 | 1427.8 | 1428.5 | 1429.2 | 1429.9 | 1430.6 |
| 145°   | 1485.2 | 1485.9 | 1486.5 | 1487.2 | 1487.9 | 1488.2 | 1488.7 | 1489.7 | 1490.7 | 1491.7 | 1492.7 |
| 147.5° | 1541.3 | 1542.7 | 1544.0 | 1545.4 | 1546.7 | 1547.4 | 1547.9 | 1548.9 | 1549.9 | 1550.9 | 1551.9 |
| 150°   | 1600.5 | 1601.2 | 1601.8 | 1602.5 | 1603.2 | 1603.5 | 1603.8 | 1604.5 | 1605.2 | 1605.8 | 1606.5 |
| 152.5° | 1649.0 | 1650.0 | 1651.0 | 1652.1 | 1653.1 | 1653.6 | 1653.8 | 1654.1 | 1654.4 | 1654.8 | 1655.1 |
| 155°   | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.8 | 1701.1 | 1701.4 | 1701.8 | 1702.1 |
| 157.5° | 1744.6 | 1744.3 | 1743.9 | 1743.6 | 1743.3 | 1743.1 | 1743.3 | 1743.6 | 1743.9 | 1744.3 | 1744.6 |
| 160°   | 1785.5 | 1784.8 | 1784.2 | 1783.5 | 1782.8 | 1782.5 | 1782.5 | 1782.5 | 1782.5 | 1782.5 | 1782.5 |
| 162.5° | 1821.9 | 1820.9 | 1819.9 | 1818.9 | 1817.9 | 1817.4 | 1817.6 | 1817.9 | 1818.2 | 1818.6 | 1818.9 |
| 165°   | 1852.3 | 1851.3 | 1850.3 | 1849.2 | 1848.2 | 1847.7 | 1847.7 | 1847.7 | 1847.7 | 1847.7 | 1847.7 |
| 167.5° | 1878.1 | 1876.7 | 1875.4 | 1874.0 | 1872.7 | 1872.0 | 1872.2 | 1872.5 | 1872.8 | 1873.2 | 1873.5 |
| 170°   | 1899.3 | 1897.9 | 1896.6 | 1895.2 | 1893.9 | 1893.2 | 1893.2 | 1893.2 | 1893.2 | 1893.2 | 1893.2 |
| 172.5° | 1916.0 | 1914.6 | 1913.3 | 1911.9 | 1910.6 | 1909.9 | 1909.9 | 1909.9 | 1909.9 | 1909.9 | 1909.9 |
| 175°   | 1926.6 | 1925.2 | 1923.9 | 1922.5 | 1921.2 | 1920.5 | 1920.5 | 1920.5 | 1920.5 | 1920.5 | 1920.5 |
| 177.5° | 1932.7 | 1931.3 | 1930.0 | 1928.6 | 1927.3 | 1926.6 | 1926.6 | 1926.6 | 1926.6 | 1926.6 | 1926.6 |
| 180°   | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1697.8 | 1700.9 | 1711.9 | 1719.7 | 1735.3 | 1733.7 | 1733.7 | 1732.2 | 1727.5 | 1735.3 | 1740.0 |
| 5°     | 1816.5 | 1843.1 | 1846.2 | 1880.6 | 1882.1 | 1896.2 | 1905.6 | 1897.7 | 1916.5 | 1914.9 | 1900.9 |
| 7.5°   | 1963.3 | 1999.3 | 2016.4 | 2049.2 | 2086.7 | 2077.4 | 2113.3 | 2119.5 | 2116.4 | 2132.0 | 2143.0 |
| 10°    | 2124.2 | 2186.7 | 2230.4 | 2291.3 | 2307.0 | 2316.3 | 2339.8 | 2360.1 | 2400.7 | 2369.4 | 2389.7 |
| 12.5°  | 2308.5 | 2353.8 | 2411.6 | 2508.5 | 2556.9 | 2588.1 | 2599.0 | 2613.1 | 2641.2 | 2624.0 | 2625.6 |
| 15°    | 2463.2 | 2524.1 | 2622.5 | 2742.7 | 2756.8 | 2795.8 | 2786.5 | 2870.8 | 2911.4 | 2850.5 | 2884.9 |
| 17.5°  | 2624.0 | 2705.3 | 2822.4 | 2927.1 | 2986.4 | 3013.0 | 3037.9 | 3119.2 | 3116.0 | 3106.7 | 3114.5 |
| 20°    | 2727.1 | 2859.9 | 3005.1 | 3144.2 | 3161.3 | 3181.6 | 3248.8 | 3283.2 | 3276.9 | 3303.5 | 3320.7 |
| 22.5°  | 2872.4 | 3013.0 | 3167.6 | 3259.7 | 3298.8 | 3322.2 | 3375.3 | 3397.2 | 3406.6 | 3412.8 | 3401.9 |
| 25°    | 2994.2 | 3144.2 | 3258.2 | 3339.4 | 3362.8 | 3375.3 | 3392.5 | 3398.8 | 3394.1 | 3383.1 | 3392.5 |
| 27.5°  | 3077.0 | 3197.3 | 3275.4 | 3312.8 | 3300.4 | 3280.0 | 3247.2 | 3225.4 | 3177.0 | 3153.5 | 3181.6 |
| 30°    | 3111.4 | 3164.5 | 3187.9 | 3125.4 | 3062.9 | 3013.0 | 2950.5 | 2834.9 | 2744.3 | 2770.9 | 2734.9 |
| 32.5°  | 3056.7 | 3022.3 | 2909.9 | 2749.0 | 2700.6 | 2619.4 | 2442.9 | 2307.0 | 2311.7 | 2239.8 | 2269.5 |
| 35°    | 2895.8 | 2739.6 | 2527.2 | 2283.5 | 2219.5 | 2175.8 | 1982.1 | 1952.4 | 1889.9 | 1822.8 | 1841.5 |
| 37.5°  | 2611.5 | 2383.5 | 2125.8 | 1946.2 | 1850.9 | 1755.6 | 1646.3 | 1580.7 | 1543.2 | 1515.1 | 1536.9 |
| 40°    | 2264.8 | 1986.8 | 1774.3 | 1613.5 | 1532.3 | 1471.3 | 1396.4 | 1330.8 | 1288.6 | 1283.9 | 1291.7 |
| 42.5°  | 1924.3 | 1690.0 | 1494.8 | 1341.7 | 1315.1 | 1243.3 | 1194.9 | 1143.3 | 1130.8 | 1110.5 | 1121.5 |
| 45°    | 1629.1 | 1438.5 | 1277.7 | 1152.7 | 1121.5 | 1102.7 | 1043.4 | 1010.6 | 996.5  | 984.0  | 1002.8 |
| 47.5°  | 1415.1 | 1215.2 | 1098.0 | 1023.1 | 991.8  | 960.6  | 927.8  | 905.9  | 895.0  | 896.5  | 895.0  |
| 50°    | 1208.9 | 1062.1 | 959.0  | 901.2  | 882.5  | 860.6  | 834.1  | 820.0  | 815.3  | 801.3  | 812.2  |
| 52.5°  | 1040.2 | 934.0  | 862.2  | 807.5  | 793.5  | 777.8  | 756.0  | 748.2  | 737.2  | 734.1  | 734.1  |
| 55°    | 904.4  | 821.6  | 763.8  | 727.9  | 710.7  | 698.2  | 685.7  | 676.3  | 668.5  | 668.5  | 668.5  |
| 57.5°  | 798.1  | 726.3  | 684.1  | 652.9  | 646.6  | 634.1  | 620.1  | 620.1  | 609.2  | 607.6  | 612.3  |
| 60°    | 707.6  | 643.5  | 610.7  | 584.2  | 574.8  | 571.7  | 557.6  | 557.6  | 554.5  | 546.7  | 552.9  |
| 62.5°  | 615.4  | 568.5  | 540.4  | 520.1  | 510.8  | 510.8  | 499.8  | 492.0  | 492.0  | 493.6  | 490.4  |
| 65°    | 531.1  | 496.7  | 471.7  | 456.1  | 451.4  | 445.1  | 443.6  | 437.3  | 432.7  | 434.2  | 432.7  |
| 67.5°  | 456.1  | 429.5  | 412.3  | 399.9  | 392.0  | 388.9  | 384.2  | 384.2  | 381.1  | 382.7  | 374.9  |
| 70°    | 388.9  | 362.4  | 348.3  | 335.8  | 332.7  | 332.7  | 326.4  | 328.0  | 324.9  | 329.6  | 326.4  |
| 72.5°  | 320.2  | 299.9  | 289.0  | 284.3  | 281.1  | 279.6  | 276.5  | 273.3  | 271.8  | 274.9  | 273.3  |
| 75°    | 259.3  | 242.1  | 234.3  | 231.2  | 228.0  | 228.0  | 226.5  | 224.9  | 223.4  | 223.4  | 223.4  |
| 77.5°  | 201.5  | 190.6  | 181.2  | 184.3  | 179.6  | 181.2  | 176.5  | 176.5  | 178.1  | 176.5  | 176.5  |
| 80°    | 148.4  | 140.6  | 140.6  | 137.4  | 131.2  | 134.3  | 134.3  | 129.6  | 128.1  | 131.2  | 126.5  |
| 82.5°  | 98.4   | 96.8   | 93.7   | 92.2   | 89.0   | 90.6   | 89.0   | 87.5   | 85.9   | 89.0   | 85.9   |
| 85°    | 57.8   | 57.8   | 56.2   | 53.1   | 56.2   | 54.7   | 53.1   | 53.1   | 51.5   | 51.5   | 51.5   |
| 87.5°  | 29.7   | 26.6   | 26.6   | 25.0   | 26.6   | 23.4   | 25.0   | 23.4   | 21.9   | 23.4   | 21.9   |
| 90°    | 37.8   | 39.1   | 40.5   | 41.8   | 42.5   | 42.8   | 43.5   | 44.2   | 44.8   | 45.5   | 44.8   |
| 92.5°  | 64.7   | 65.7   | 66.8   | 67.8   | 68.3   | 68.0   | 67.3   | 66.6   | 65.9   | 65.2   | 65.9   |
| 95°    | 113.6  | 115.0  | 116.3  | 117.6  | 118.3  | 118.3  | 118.3  | 118.3  | 118.3  | 118.3  | 118.3  |
| 97.5°  | 165.5  | 167.2  | 168.9  | 170.6  | 171.4  | 171.2  | 170.9  | 170.6  | 170.2  | 169.9  | 170.2  |
| 100°   | 224.0  | 225.0  | 226.1  | 227.1  | 227.6  | 227.9  | 228.6  | 229.3  | 229.9  | 230.6  | 229.9  |
| 102.5° | 290.8  | 291.8  | 292.8  | 293.8  | 294.3  | 294.1  | 293.8  | 293.5  | 293.1  | 292.8  | 293.1  |
| 105°   | 358.0  | 358.0  | 358.0  | 358.0  | 358.0  | 358.3  | 359.0  | 359.7  | 360.4  | 361.1  | 360.4  |
| 107.5° | 428.8  | 429.8  | 430.9  | 431.9  | 432.4  | 432.2  | 431.9  | 431.5  | 431.2  | 430.8  | 431.2  |
| 110°   | 500.5  | 501.8  | 503.2  | 504.5  | 505.2  | 504.9  | 504.2  | 503.5  | 502.8  | 502.1  | 502.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 572.1  | 573.8  | 575.5  | 577.2  | 578.0  | 578.0  | 578.0  | 578.0  | 578.0  | 578.0  | 578.0  |
| 115°   | 646.6  | 647.0  | 647.3  | 647.6  | 647.8  | 647.6  | 647.3  | 647.0  | 646.6  | 646.3  | 646.6  |
| 117.5° | 720.6  | 720.6  | 720.6  | 720.6  | 720.6  | 720.1  | 719.1  | 718.0  | 717.0  | 716.0  | 717.0  |
| 120°   | 794.6  | 794.2  | 793.9  | 793.6  | 793.4  | 793.1  | 792.4  | 791.7  | 791.1  | 790.4  | 791.1  |
| 122.5° | 869.8  | 868.8  | 867.7  | 866.7  | 866.2  | 865.7  | 864.7  | 863.7  | 862.7  | 861.7  | 862.7  |
| 125°   | 943.7  | 942.4  | 941.0  | 939.7  | 939.0  | 938.3  | 937.0  | 935.7  | 934.3  | 933.0  | 934.3  |
| 127.5° | 1017.4 | 1015.4 | 1013.3 | 1011.3 | 1010.3 | 1009.6 | 1008.3 | 1007.0 | 1005.6 | 1004.3 | 1005.6 |
| 130°   | 1089.4 | 1088.0 | 1086.7 | 1085.4 | 1084.7 | 1083.5 | 1081.2 | 1078.8 | 1076.5 | 1074.1 | 1076.5 |
| 132.5° | 1160.3 | 1158.7 | 1157.0 | 1155.3 | 1154.5 | 1153.7 | 1152.0 | 1150.3 | 1148.6 | 1146.9 | 1148.6 |
| 135°   | 1230.5 | 1229.1 | 1227.8 | 1226.5 | 1225.8 | 1225.5 | 1224.8 | 1224.1 | 1223.4 | 1222.7 | 1223.4 |
| 137.5° | 1299.9 | 1298.2 | 1296.5 | 1294.8 | 1294.0 | 1293.5 | 1292.5 | 1291.5 | 1290.5 | 1289.5 | 1290.5 |
| 140°   | 1366.5 | 1366.1 | 1365.8 | 1365.5 | 1365.3 | 1364.1 | 1361.8 | 1359.4 | 1357.1 | 1354.7 | 1357.1 |
| 142.5° | 1430.2 | 1429.9 | 1429.5 | 1429.2 | 1429.0 | 1428.2 | 1426.5 | 1424.8 | 1423.1 | 1421.4 | 1423.1 |
| 145°   | 1492.4 | 1492.0 | 1491.7 | 1491.4 | 1491.2 | 1490.5 | 1489.2 | 1487.9 | 1486.5 | 1485.2 | 1486.5 |
| 147.5° | 1551.9 | 1551.9 | 1551.9 | 1551.9 | 1551.9 | 1550.9 | 1548.9 | 1546.8 | 1544.8 | 1542.8 | 1544.8 |
| 150°   | 1606.5 | 1606.5 | 1606.5 | 1606.5 | 1606.5 | 1605.5 | 1603.5 | 1601.4 | 1599.4 | 1597.4 | 1599.4 |
| 152.5° | 1655.8 | 1656.4 | 1657.1 | 1657.8 | 1658.1 | 1657.3 | 1655.6 | 1653.9 | 1652.2 | 1650.5 | 1652.2 |
| 155°   | 1703.5 | 1704.8 | 1706.2 | 1707.5 | 1708.2 | 1707.0 | 1704.6 | 1702.3 | 1699.9 | 1697.5 | 1699.9 |
| 157.5° | 1745.9 | 1747.3 | 1748.6 | 1749.9 | 1750.6 | 1749.6 | 1747.6 | 1745.5 | 1743.5 | 1741.5 | 1743.5 |
| 160°   | 1784.2 | 1785.9 | 1787.6 | 1789.3 | 1790.1 | 1789.4 | 1788.1 | 1786.7 | 1785.4 | 1784.0 | 1785.4 |
| 162.5° | 1820.6 | 1822.3 | 1824.0 | 1825.7 | 1826.5 | 1825.3 | 1823.0 | 1820.6 | 1818.3 | 1815.9 | 1818.3 |
| 165°   | 1849.7 | 1851.7 | 1853.8 | 1855.8 | 1856.8 | 1855.6 | 1853.3 | 1850.9 | 1848.6 | 1846.2 | 1848.6 |
| 167.5° | 1875.5 | 1877.5 | 1879.6 | 1881.6 | 1882.6 | 1881.6 | 1879.6 | 1877.5 | 1875.5 | 1873.5 | 1875.5 |
| 170°   | 1895.6 | 1898.0 | 1900.3 | 1902.7 | 1903.9 | 1902.7 | 1900.3 | 1898.0 | 1895.6 | 1893.2 | 1895.6 |
| 172.5° | 1911.9 | 1913.9 | 1916.0 | 1918.0 | 1919.0 | 1917.8 | 1915.5 | 1913.1 | 1910.8 | 1908.4 | 1910.8 |
| 175°   | 1922.5 | 1924.6 | 1926.6 | 1928.7 | 1929.7 | 1928.5 | 1926.1 | 1923.8 | 1921.4 | 1919.0 | 1921.4 |
| 177.5° | 1928.6 | 1930.6 | 1932.7 | 1934.7 | 1935.7 | 1934.5 | 1932.2 | 1929.8 | 1927.5 | 1925.1 | 1927.5 |
| 180°   | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 |

TEST NUMBER: P1031466

CATALOG NUMBER: S123DIW-B1165D1535UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1727.5 | 1732.2 | 1719.7 | 1716.6 | 1716.6 | 1722.8 | 1718.1 | 1675.9 | 1683.8 | 1674.4 | 1671.3 |
| 5°     | 1918.0 | 1908.7 | 1896.2 | 1889.9 | 1882.1 | 1860.3 | 1858.7 | 1810.3 | 1800.9 | 1769.7 | 1755.6 |
| 7.5°   | 2127.3 | 2119.5 | 2082.0 | 2077.4 | 2074.2 | 2053.9 | 2002.4 | 1950.8 | 1913.4 | 1877.4 | 1843.1 |
| 10°    | 2366.3 | 2342.9 | 2325.7 | 2291.3 | 2274.2 | 2246.1 | 2178.9 | 2130.5 | 2066.4 | 2011.8 | 1939.9 |
| 12.5°  | 2653.7 | 2627.2 | 2569.4 | 2544.4 | 2522.5 | 2444.4 | 2377.3 | 2322.6 | 2197.6 | 2160.1 | 2071.1 |
| 15°    | 2864.6 | 2808.3 | 2802.1 | 2747.4 | 2744.3 | 2658.4 | 2530.3 | 2471.0 | 2374.1 | 2236.7 | 2144.5 |
| 17.5°  | 3092.6 | 3042.6 | 3003.6 | 2938.0 | 2928.6 | 2847.4 | 2753.7 | 2608.4 | 2502.2 | 2371.0 | 2253.9 |
| 20°    | 3259.7 | 3233.2 | 3166.0 | 3139.5 | 3084.8 | 3016.1 | 2919.2 | 2739.6 | 2610.0 | 2478.8 | 2335.1 |
| 22.5°  | 3392.5 | 3366.0 | 3312.8 | 3276.9 | 3245.7 | 3156.7 | 3041.1 | 2888.0 | 2709.9 | 2538.1 | 2389.7 |
| 25°    | 3390.9 | 3383.1 | 3361.3 | 3344.1 | 3320.7 | 3255.1 | 3158.2 | 3011.4 | 2813.0 | 2624.0 | 2417.9 |
| 27.5°  | 3198.8 | 3220.7 | 3258.2 | 3276.9 | 3272.2 | 3262.9 | 3208.2 | 3084.8 | 2906.7 | 2681.8 | 2450.7 |
| 30°    | 2799.0 | 2878.6 | 2948.9 | 3042.6 | 3070.7 | 3139.5 | 3170.7 | 3100.4 | 2958.3 | 2749.0 | 2492.8 |
| 32.5°  | 2321.0 | 2436.6 | 2589.7 | 2641.2 | 2730.2 | 2863.0 | 3011.4 | 3037.9 | 2948.9 | 2788.0 | 2519.4 |
| 35°    | 1904.0 | 1999.3 | 2118.0 | 2199.2 | 2278.9 | 2494.4 | 2681.8 | 2844.3 | 2873.9 | 2767.7 | 2513.1 |
| 37.5°  | 1576.0 | 1643.1 | 1747.8 | 1816.5 | 1889.9 | 2074.2 | 2336.6 | 2547.5 | 2695.9 | 2699.0 | 2496.0 |
| 40°    | 1338.6 | 1368.2 | 1458.8 | 1508.8 | 1579.1 | 1738.4 | 1972.7 | 2247.6 | 2464.7 | 2564.7 | 2450.7 |
| 42.5°  | 1134.0 | 1173.0 | 1248.0 | 1285.5 | 1330.8 | 1469.8 | 1624.4 | 1885.2 | 2153.9 | 2367.9 | 2366.3 |
| 45°    | 1012.1 | 1040.2 | 1074.6 | 1105.8 | 1157.4 | 1240.2 | 1416.7 | 1611.9 | 1869.6 | 2111.7 | 2207.0 |
| 47.5°  | 904.4  | 930.9  | 965.3  | 974.6  | 1009.0 | 1087.1 | 1194.9 | 1365.1 | 1605.7 | 1846.2 | 2025.8 |
| 50°    | 813.8  | 835.6  | 859.1  | 876.2  | 891.9  | 955.9  | 1037.1 | 1180.8 | 1372.9 | 1605.7 | 1829.0 |
| 52.5°  | 743.5  | 759.1  | 779.4  | 788.8  | 802.8  | 849.7  | 912.2  | 1018.4 | 1176.1 | 1388.6 | 1605.7 |
| 55°    | 677.9  | 688.8  | 701.3  | 716.9  | 723.2  | 757.5  | 806.0  | 896.5  | 1013.7 | 1204.2 | 1410.4 |
| 57.5°  | 617.0  | 621.6  | 629.5  | 638.8  | 646.6  | 676.3  | 718.5  | 779.4  | 882.5  | 1029.3 | 1224.6 |
| 60°    | 548.2  | 560.7  | 565.4  | 574.8  | 579.5  | 602.9  | 635.7  | 687.2  | 766.9  | 893.4  | 1040.2 |
| 62.5°  | 490.4  | 498.3  | 506.1  | 510.8  | 521.7  | 529.5  | 556.0  | 602.9  | 668.5  | 762.2  | 895.0  |
| 65°    | 438.9  | 442.0  | 446.7  | 451.4  | 454.5  | 463.9  | 488.9  | 520.1  | 570.1  | 652.9  | 756.0  |
| 67.5°  | 379.5  | 382.7  | 388.9  | 390.5  | 393.6  | 406.1  | 420.2  | 446.7  | 488.9  | 551.4  | 635.7  |
| 70°    | 321.8  | 326.4  | 329.6  | 332.7  | 337.4  | 342.1  | 357.7  | 379.5  | 412.3  | 456.1  | 521.7  |
| 72.5°  | 271.8  | 276.5  | 276.5  | 279.6  | 278.0  | 284.3  | 299.9  | 315.5  | 337.4  | 373.3  | 431.1  |
| 75°    | 221.8  | 221.8  | 224.9  | 226.5  | 228.0  | 234.3  | 240.5  | 253.0  | 270.2  | 298.3  | 334.3  |
| 77.5°  | 174.9  | 173.4  | 176.5  | 176.5  | 176.5  | 181.2  | 187.4  | 193.7  | 204.6  | 224.9  | 253.0  |
| 80°    | 128.1  | 128.1  | 131.2  | 132.8  | 129.6  | 131.2  | 134.3  | 140.6  | 148.4  | 162.4  | 178.1  |
| 82.5°  | 84.3   | 90.6   | 89.0   | 90.6   | 89.0   | 92.2   | 93.7   | 95.3   | 98.4   | 104.6  | 115.6  |
| 85°    | 51.5   | 51.5   | 51.5   | 53.1   | 51.5   | 53.1   | 53.1   | 53.1   | 54.7   | 57.8   | 62.5   |
| 87.5°  | 21.9   | 21.9   | 21.9   | 23.4   | 21.9   | 21.9   | 23.4   | 21.9   | 23.4   | 23.4   | 25.0   |
| 90°    | 44.2   | 43.5   | 42.8   | 42.5   | 41.8   | 40.5   | 39.1   | 37.8   | 36.4   | 32.0   | 27.6   |
| 92.5°  | 66.6   | 67.3   | 68.0   | 68.3   | 67.8   | 66.8   | 65.7   | 64.7   | 63.7   | 61.7   | 59.7   |
| 95°    | 118.3  | 118.3  | 118.3  | 118.3  | 117.6  | 116.3  | 115.0  | 113.6  | 112.3  | 109.6  | 106.9  |
| 97.5°  | 170.6  | 170.9  | 171.2  | 171.4  | 170.6  | 168.9  | 167.2  | 165.5  | 163.8  | 161.8  | 159.8  |
| 100°   | 229.3  | 228.6  | 227.9  | 227.6  | 227.1  | 226.1  | 225.0  | 224.0  | 223.0  | 221.3  | 219.6  |
| 102.5° | 293.5  | 293.8  | 294.1  | 294.3  | 293.8  | 292.8  | 291.8  | 290.8  | 289.8  | 287.4  | 285.0  |
| 105°   | 359.7  | 359.0  | 358.3  | 358.0  | 358.0  | 358.0  | 358.0  | 358.0  | 358.0  | 355.0  | 352.0  |
| 107.5° | 431.5  | 431.9  | 432.2  | 432.4  | 431.9  | 430.9  | 429.8  | 428.8  | 427.8  | 426.4  | 425.1  |
| 110°   | 503.5  | 504.2  | 504.9  | 505.2  | 504.5  | 503.2  | 501.8  | 500.5  | 499.1  | 498.4  | 497.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 578.0  | 578.0  | 578.0  | 578.0  | 577.2  | 575.5  | 573.8  | 572.1  | 570.4  | 570.4  | 570.4  |
| 115°   | 647.0  | 647.3  | 647.6  | 647.8  | 647.6  | 647.3  | 647.0  | 646.6  | 646.3  | 647.0  | 647.6  |
| 117.5° | 718.0  | 719.1  | 720.1  | 720.6  | 720.6  | 720.6  | 720.6  | 720.6  | 720.6  | 721.3  | 721.9  |
| 120°   | 791.7  | 792.4  | 793.1  | 793.4  | 793.6  | 793.9  | 794.2  | 794.6  | 794.9  | 796.6  | 798.3  |
| 122.5° | 863.7  | 864.7  | 865.7  | 866.2  | 866.7  | 867.7  | 868.8  | 869.8  | 870.8  | 871.5  | 872.1  |
| 125°   | 935.7  | 937.0  | 938.3  | 939.0  | 939.7  | 941.0  | 942.4  | 943.7  | 945.1  | 945.8  | 946.4  |
| 127.5° | 1007.0 | 1008.3 | 1009.6 | 1010.3 | 1011.3 | 1013.3 | 1015.4 | 1017.4 | 1019.4 | 1020.1 | 1020.8 |
| 130°   | 1078.8 | 1081.2 | 1083.5 | 1084.7 | 1085.4 | 1086.7 | 1088.0 | 1089.4 | 1090.7 | 1091.7 | 1092.7 |
| 132.5° | 1150.3 | 1152.0 | 1153.7 | 1154.5 | 1155.3 | 1157.0 | 1158.7 | 1160.3 | 1162.0 | 1162.7 | 1163.4 |
| 135°   | 1224.1 | 1224.8 | 1225.5 | 1225.8 | 1226.5 | 1227.8 | 1229.1 | 1230.5 | 1231.8 | 1232.1 | 1232.5 |
| 137.5° | 1291.5 | 1292.5 | 1293.5 | 1294.0 | 1294.8 | 1296.5 | 1298.2 | 1299.9 | 1301.6 | 1300.6 | 1299.6 |
| 140°   | 1359.4 | 1361.8 | 1364.1 | 1365.3 | 1365.5 | 1365.8 | 1366.1 | 1366.5 | 1366.8 | 1366.5 | 1366.1 |
| 142.5° | 1424.8 | 1426.5 | 1428.2 | 1429.0 | 1429.2 | 1429.5 | 1429.9 | 1430.2 | 1430.6 | 1429.9 | 1429.2 |
| 145°   | 1487.9 | 1489.2 | 1490.5 | 1491.2 | 1491.4 | 1491.7 | 1492.0 | 1492.4 | 1492.7 | 1491.7 | 1490.7 |
| 147.5° | 1546.8 | 1548.9 | 1550.9 | 1551.9 | 1551.9 | 1551.9 | 1551.9 | 1551.9 | 1551.9 | 1550.9 | 1549.9 |
| 150°   | 1601.4 | 1603.5 | 1605.5 | 1606.5 | 1606.5 | 1606.5 | 1606.5 | 1606.5 | 1606.5 | 1605.8 | 1605.2 |
| 152.5° | 1653.9 | 1655.6 | 1657.3 | 1658.1 | 1657.8 | 1657.1 | 1656.4 | 1655.8 | 1655.1 | 1654.8 | 1654.4 |
| 155°   | 1702.3 | 1704.6 | 1707.0 | 1708.2 | 1707.5 | 1706.2 | 1704.8 | 1703.5 | 1702.1 | 1701.8 | 1701.4 |
| 157.5° | 1745.5 | 1747.6 | 1749.6 | 1750.6 | 1749.9 | 1748.6 | 1747.3 | 1745.9 | 1744.6 | 1744.3 | 1743.9 |
| 160°   | 1786.7 | 1788.1 | 1789.4 | 1790.1 | 1789.3 | 1787.6 | 1785.9 | 1784.2 | 1782.5 | 1782.5 | 1782.5 |
| 162.5° | 1820.6 | 1823.0 | 1825.3 | 1826.5 | 1825.7 | 1824.0 | 1822.3 | 1820.6 | 1818.9 | 1818.6 | 1818.2 |
| 165°   | 1850.9 | 1853.3 | 1855.6 | 1856.8 | 1855.8 | 1853.8 | 1851.7 | 1849.7 | 1847.7 | 1847.7 | 1847.7 |
| 167.5° | 1877.5 | 1879.6 | 1881.6 | 1882.6 | 1881.6 | 1879.6 | 1877.5 | 1875.5 | 1873.5 | 1873.2 | 1872.8 |
| 170°   | 1898.0 | 1900.3 | 1902.7 | 1903.9 | 1902.7 | 1900.3 | 1898.0 | 1895.6 | 1893.2 | 1893.2 | 1893.2 |
| 172.5° | 1913.1 | 1915.5 | 1917.8 | 1919.0 | 1918.0 | 1916.0 | 1913.9 | 1911.9 | 1909.9 | 1909.9 | 1909.9 |
| 175°   | 1923.8 | 1926.1 | 1928.5 | 1929.7 | 1928.7 | 1926.6 | 1924.6 | 1922.5 | 1920.5 | 1920.5 | 1920.5 |
| 177.5° | 1929.8 | 1932.2 | 1934.5 | 1935.7 | 1934.7 | 1932.7 | 1930.6 | 1928.6 | 1926.6 | 1926.6 | 1926.6 |
| 180°   | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1655.6 | 1651.0 | 1651.0 | 1647.8 | 1638.5 | 1621.3 | 1619.7 | 1622.8 | 1613.5 | 1604.1 | 1590.0 |
| 5°     | 1736.9 | 1707.2 | 1697.8 | 1688.4 | 1669.7 | 1638.5 | 1626.0 | 1615.0 | 1597.9 | 1577.5 | 1555.7 |
| 7.5°   | 1805.6 | 1763.4 | 1750.9 | 1733.7 | 1696.3 | 1652.5 | 1624.4 | 1601.0 | 1577.5 | 1549.4 | 1522.9 |
| 10°    | 1891.5 | 1830.6 | 1800.9 | 1775.9 | 1724.4 | 1663.5 | 1621.3 | 1586.9 | 1549.4 | 1515.1 | 1480.7 |
| 12.5°  | 1988.3 | 1889.9 | 1880.6 | 1819.6 | 1760.3 | 1669.7 | 1618.2 | 1568.2 | 1518.2 | 1476.0 | 1440.1 |
| 15°    | 2069.6 | 1961.8 | 1922.7 | 1882.1 | 1768.1 | 1655.6 | 1605.7 | 1549.4 | 1491.6 | 1446.3 | 1393.2 |
| 17.5°  | 2121.1 | 2032.1 | 1949.3 | 1894.6 | 1775.9 | 1675.9 | 1579.1 | 1515.1 | 1454.2 | 1391.7 | 1347.9 |
| 20°    | 2183.6 | 2053.9 | 1982.1 | 1908.7 | 1791.5 | 1660.3 | 1563.5 | 1483.8 | 1408.9 | 1352.6 | 1299.5 |
| 22.5°  | 2246.1 | 2071.1 | 2011.8 | 1932.1 | 1794.7 | 1644.7 | 1535.4 | 1455.7 | 1369.8 | 1313.6 | 1255.8 |
| 25°    | 2239.8 | 2096.1 | 1997.7 | 1930.5 | 1763.4 | 1630.7 | 1502.6 | 1408.9 | 1329.2 | 1257.4 | 1199.6 |
| 27.5°  | 2244.5 | 2068.0 | 1968.0 | 1889.9 | 1741.5 | 1610.3 | 1468.2 | 1369.8 | 1287.0 | 1212.1 | 1151.1 |
| 30°    | 2246.1 | 2025.8 | 1938.4 | 1844.6 | 1700.9 | 1561.9 | 1429.2 | 1329.2 | 1241.7 | 1160.5 | 1105.8 |
| 32.5°  | 2241.4 | 1991.5 | 1882.1 | 1797.8 | 1636.9 | 1515.1 | 1383.9 | 1277.7 | 1188.6 | 1113.7 | 1062.1 |
| 35°    | 2230.4 | 1950.8 | 1824.3 | 1718.1 | 1571.3 | 1447.9 | 1341.7 | 1232.4 | 1137.1 | 1068.4 | 1009.0 |
| 37.5°  | 2200.8 | 1907.1 | 1763.4 | 1658.8 | 1494.8 | 1369.8 | 1276.1 | 1185.5 | 1093.3 | 1012.1 | 962.1  |
| 40°    | 2178.9 | 1847.8 | 1702.5 | 1588.5 | 1412.0 | 1290.2 | 1212.1 | 1126.1 | 1035.6 | 962.1  | 913.7  |
| 42.5°  | 2128.9 | 1791.5 | 1640.0 | 1504.1 | 1330.8 | 1205.8 | 1132.4 | 1063.7 | 985.6  | 913.7  | 870.0  |
| 45°    | 2047.7 | 1730.6 | 1563.5 | 1426.0 | 1241.7 | 1123.0 | 1055.9 | 999.6  | 930.9  | 862.2  | 818.4  |
| 47.5°  | 1933.7 | 1643.1 | 1482.3 | 1344.8 | 1154.3 | 1034.0 | 966.8  | 924.7  | 870.0  | 812.2  | 774.7  |
| 50°    | 1810.3 | 1547.9 | 1399.5 | 1263.6 | 1069.9 | 952.8  | 887.2  | 848.1  | 812.2  | 759.1  | 723.2  |
| 52.5°  | 1649.4 | 1446.3 | 1304.2 | 1174.6 | 979.3  | 866.9  | 809.1  | 781.0  | 743.5  | 706.0  | 674.8  |
| 55°    | 1493.2 | 1315.1 | 1198.0 | 1074.6 | 890.3  | 785.6  | 729.4  | 699.7  | 677.9  | 646.6  | 621.6  |
| 57.5°  | 1312.0 | 1193.3 | 1085.5 | 973.1  | 807.5  | 712.2  | 659.1  | 623.2  | 609.2  | 595.1  | 571.7  |
| 60°    | 1144.9 | 1054.3 | 966.8  | 873.1  | 721.6  | 635.7  | 584.2  | 556.0  | 542.0  | 532.6  | 517.0  |
| 62.5°  | 991.8  | 921.5  | 846.6  | 771.6  | 634.1  | 556.0  | 517.0  | 488.9  | 476.4  | 474.8  | 460.8  |
| 65°    | 845.0  | 795.0  | 734.1  | 660.7  | 552.9  | 484.2  | 446.7  | 429.5  | 415.5  | 415.5  | 404.5  |
| 67.5°  | 698.2  | 663.8  | 615.4  | 563.9  | 479.5  | 415.5  | 381.1  | 365.5  | 357.7  | 357.7  | 349.9  |
| 70°    | 581.0  | 557.6  | 513.9  | 468.6  | 395.2  | 346.7  | 320.2  | 306.1  | 301.5  | 303.0  | 296.8  |
| 72.5°  | 471.7  | 446.7  | 410.8  | 378.0  | 323.3  | 287.4  | 268.7  | 253.0  | 245.2  | 246.8  | 245.2  |
| 75°    | 365.5  | 353.0  | 321.8  | 296.8  | 253.0  | 228.0  | 210.9  | 203.1  | 196.8  | 198.4  | 195.2  |
| 77.5°  | 274.9  | 256.2  | 239.0  | 221.8  | 195.2  | 174.9  | 160.9  | 153.1  | 148.4  | 148.4  | 148.4  |
| 80°    | 187.4  | 184.3  | 170.3  | 160.9  | 139.0  | 123.4  | 112.5  | 110.9  | 106.2  | 106.2  | 106.2  |
| 82.5°  | 121.8  | 114.0  | 106.2  | 100.0  | 87.5   | 78.1   | 73.4   | 70.3   | 68.7   | 67.2   | 70.3   |
| 85°    | 67.2   | 62.5   | 59.4   | 53.1   | 48.4   | 43.7   | 39.0   | 37.5   | 35.9   | 37.5   | 35.9   |
| 87.5°  | 26.6   | 21.9   | 21.9   | 20.3   | 18.7   | 17.2   | 17.2   | 14.1   | 14.1   | 12.5   | 12.5   |
| 90°    | 23.3   | 18.9   | 16.7   | 15.0   | 11.6   | 8.3    | 4.9    | 1.5    | 4.9    | 8.3    | 11.6   |
| 92.5°  | 57.6   | 55.6   | 54.6   | 53.6   | 51.6   | 49.5   | 47.5   | 45.5   | 47.5   | 49.5   | 51.6   |
| 95°    | 104.2  | 101.5  | 100.1  | 98.9   | 96.6   | 94.2   | 91.9   | 89.5   | 91.9   | 94.2   | 96.6   |
| 97.5°  | 157.7  | 155.7  | 154.7  | 153.9  | 152.2  | 150.5  | 148.9  | 147.2  | 148.9  | 150.5  | 152.2  |
| 100°   | 217.9  | 216.2  | 215.4  | 214.4  | 212.4  | 210.3  | 208.3  | 206.3  | 208.3  | 210.3  | 212.4  |
| 102.5° | 282.7  | 280.3  | 279.1  | 278.6  | 277.6  | 276.6  | 275.6  | 274.6  | 275.6  | 276.6  | 277.6  |
| 105°   | 348.9  | 345.9  | 344.4  | 344.1  | 343.4  | 342.7  | 342.0  | 341.3  | 342.0  | 342.7  | 343.4  |
| 107.5° | 423.7  | 422.4  | 421.7  | 421.5  | 421.2  | 420.9  | 420.5  | 420.2  | 420.5  | 420.9  | 421.2  |
| 110°   | 497.1  | 496.4  | 496.1  | 495.8  | 495.1  | 494.4  | 493.7  | 493.0  | 493.7  | 494.4  | 495.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 570.4  | 570.4  | 570.4  | 570.2  | 569.9  | 569.6  | 569.2  | 568.9  | 569.2  | 569.6  | 569.9  |
| 115°   | 648.3  | 649.0  | 649.3  | 648.8  | 647.8  | 646.7  | 645.7  | 644.7  | 645.7  | 646.7  | 647.8  |
| 117.5° | 722.6  | 723.3  | 723.6  | 723.4  | 723.1  | 722.8  | 722.4  | 722.1  | 722.4  | 722.8  | 723.1  |
| 120°   | 800.0  | 801.7  | 802.5  | 801.5  | 799.5  | 797.4  | 795.4  | 793.4  | 795.4  | 797.4  | 799.5  |
| 122.5° | 872.8  | 873.5  | 873.8  | 873.1  | 871.8  | 870.4  | 869.1  | 867.7  | 869.1  | 870.4  | 871.8  |
| 125°   | 947.1  | 947.8  | 948.1  | 947.6  | 946.6  | 945.6  | 944.6  | 943.6  | 944.6  | 945.6  | 946.6  |
| 127.5° | 1021.5 | 1022.2 | 1022.5 | 1021.5 | 1019.5 | 1017.4 | 1015.4 | 1013.4 | 1015.4 | 1017.4 | 1019.5 |
| 130°   | 1093.8 | 1094.8 | 1095.3 | 1094.0 | 1091.3 | 1088.6 | 1085.9 | 1083.2 | 1085.9 | 1088.6 | 1091.3 |
| 132.5° | 1164.1 | 1164.8 | 1165.1 | 1163.7 | 1161.0 | 1158.3 | 1155.6 | 1152.9 | 1155.6 | 1158.3 | 1161.0 |
| 135°   | 1232.8 | 1233.1 | 1233.3 | 1232.3 | 1230.3 | 1228.2 | 1226.2 | 1224.2 | 1226.2 | 1228.2 | 1230.3 |
| 137.5° | 1298.6 | 1297.6 | 1297.1 | 1296.3 | 1294.6 | 1292.9 | 1291.2 | 1289.5 | 1291.2 | 1292.9 | 1294.6 |
| 140°   | 1365.8 | 1365.5 | 1365.3 | 1364.5 | 1362.8 | 1361.1 | 1359.4 | 1357.7 | 1359.4 | 1361.1 | 1362.8 |
| 142.5° | 1428.5 | 1427.8 | 1427.5 | 1426.7 | 1425.0 | 1423.3 | 1421.6 | 1419.9 | 1421.6 | 1423.3 | 1425.0 |
| 145°   | 1489.7 | 1488.7 | 1488.2 | 1487.9 | 1487.2 | 1486.5 | 1485.9 | 1485.2 | 1485.9 | 1486.5 | 1487.2 |
| 147.5° | 1548.9 | 1547.9 | 1547.4 | 1546.7 | 1545.4 | 1544.0 | 1542.7 | 1541.3 | 1542.7 | 1544.0 | 1545.4 |
| 150°   | 1604.5 | 1603.8 | 1603.5 | 1603.2 | 1602.5 | 1601.8 | 1601.2 | 1600.5 | 1601.2 | 1601.8 | 1602.5 |
| 152.5° | 1654.1 | 1653.8 | 1653.6 | 1653.1 | 1652.1 | 1651.0 | 1650.0 | 1649.0 | 1650.0 | 1651.0 | 1652.1 |
| 155°   | 1701.1 | 1700.8 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 | 1700.6 |
| 157.5° | 1743.6 | 1743.3 | 1743.1 | 1743.3 | 1743.6 | 1743.9 | 1744.3 | 1744.6 | 1744.3 | 1743.9 | 1743.6 |
| 160°   | 1782.5 | 1782.5 | 1782.5 | 1782.8 | 1783.5 | 1784.2 | 1784.8 | 1785.5 | 1784.8 | 1784.2 | 1783.5 |
| 162.5° | 1817.9 | 1817.6 | 1817.4 | 1817.9 | 1818.9 | 1819.9 | 1820.9 | 1821.9 | 1820.9 | 1819.9 | 1818.9 |
| 165°   | 1847.7 | 1847.7 | 1847.7 | 1848.2 | 1849.2 | 1850.3 | 1851.3 | 1852.3 | 1851.3 | 1850.3 | 1849.2 |
| 167.5° | 1872.5 | 1872.2 | 1872.0 | 1872.7 | 1874.0 | 1875.4 | 1876.7 | 1878.1 | 1876.7 | 1875.4 | 1874.0 |
| 170°   | 1893.2 | 1893.2 | 1893.2 | 1893.9 | 1895.2 | 1896.6 | 1897.9 | 1899.3 | 1897.9 | 1896.6 | 1895.2 |
| 172.5° | 1909.9 | 1909.9 | 1909.9 | 1910.6 | 1911.9 | 1913.3 | 1914.6 | 1916.0 | 1914.6 | 1913.3 | 1911.9 |
| 175°   | 1920.5 | 1920.5 | 1920.5 | 1921.2 | 1922.5 | 1923.9 | 1925.2 | 1926.6 | 1925.2 | 1923.9 | 1922.5 |
| 177.5° | 1926.6 | 1926.6 | 1926.6 | 1927.3 | 1928.6 | 1930.0 | 1931.3 | 1932.7 | 1931.3 | 1930.0 | 1928.6 |
| 180°   | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1586.9 | 1585.4 | 1588.5 | 1579.1 | 1563.5 | 1555.7 | 1533.8 | 1529.1 | 1527.6 | 1529.1 | 1530.7 |
| 5°     | 1543.2 | 1541.6 | 1536.9 | 1521.3 | 1502.6 | 1488.5 | 1462.0 | 1460.4 | 1451.0 | 1441.7 | 1446.3 |
| 7.5°   | 1501.0 | 1494.8 | 1485.4 | 1465.1 | 1440.1 | 1424.5 | 1402.6 | 1387.0 | 1374.5 | 1366.7 | 1360.4 |
| 10°    | 1458.8 | 1449.5 | 1440.1 | 1413.5 | 1382.3 | 1358.9 | 1332.3 | 1319.8 | 1305.8 | 1299.5 | 1293.3 |
| 12.5°  | 1404.2 | 1394.8 | 1377.6 | 1346.4 | 1327.6 | 1298.0 | 1271.4 | 1258.9 | 1251.1 | 1238.6 | 1230.8 |
| 15°    | 1360.4 | 1341.7 | 1332.3 | 1299.5 | 1260.5 | 1257.4 | 1208.9 | 1205.8 | 1190.2 | 1190.2 | 1177.7 |
| 17.5°  | 1310.5 | 1296.4 | 1279.2 | 1246.4 | 1218.3 | 1190.2 | 1165.2 | 1155.8 | 1141.8 | 1138.6 | 1132.4 |
| 20°    | 1262.0 | 1243.3 | 1237.0 | 1204.2 | 1174.6 | 1140.2 | 1113.7 | 1104.3 | 1098.0 | 1091.8 | 1096.5 |
| 22.5°  | 1212.1 | 1196.4 | 1180.8 | 1151.1 | 1129.3 | 1094.9 | 1079.3 | 1069.9 | 1060.5 | 1057.4 | 1059.0 |
| 25°    | 1163.6 | 1149.6 | 1134.0 | 1104.3 | 1080.9 | 1052.7 | 1038.7 | 1034.0 | 1029.3 | 1029.3 | 1027.7 |
| 27.5°  | 1116.8 | 1102.7 | 1088.7 | 1062.1 | 1038.7 | 1018.4 | 1007.4 | 1002.8 | 998.1  | 1001.2 | 1004.3 |
| 30°    | 1068.4 | 1055.9 | 1043.4 | 1019.9 | 1001.2 | 982.5  | 976.2  | 973.1  | 971.5  | 979.3  | 979.3  |
| 32.5°  | 1024.6 | 1013.7 | 1004.3 | 982.5  | 963.7  | 948.1  | 943.4  | 945.0  | 946.5  | 951.2  | 954.3  |
| 35°    | 979.3  | 971.5  | 962.1  | 943.4  | 927.8  | 913.7  | 915.3  | 915.3  | 918.4  | 926.2  | 932.5  |
| 37.5°  | 938.7  | 927.8  | 920.0  | 904.4  | 891.9  | 879.4  | 884.1  | 888.7  | 891.9  | 901.2  | 904.4  |
| 40°    | 890.3  | 885.6  | 879.4  | 863.7  | 852.8  | 851.3  | 852.8  | 855.9  | 862.2  | 866.9  | 871.6  |
| 42.5°  | 851.3  | 845.0  | 837.2  | 824.7  | 815.3  | 816.9  | 818.4  | 821.6  | 824.7  | 832.5  | 837.2  |
| 45°    | 807.5  | 802.8  | 796.6  | 785.6  | 777.8  | 779.4  | 781.0  | 781.0  | 784.1  | 793.5  | 796.6  |
| 47.5°  | 759.1  | 760.7  | 752.8  | 741.9  | 737.2  | 737.2  | 737.2  | 740.4  | 748.2  | 751.3  | 752.8  |
| 50°    | 712.2  | 709.1  | 707.6  | 696.6  | 693.5  | 691.9  | 693.5  | 695.1  | 706.0  | 704.4  | 709.1  |
| 52.5°  | 662.3  | 662.3  | 660.7  | 654.4  | 649.8  | 649.8  | 646.6  | 654.4  | 657.6  | 660.7  | 665.4  |
| 55°    | 613.8  | 609.2  | 607.6  | 604.5  | 598.2  | 596.7  | 599.8  | 609.2  | 612.3  | 615.4  | 620.1  |
| 57.5°  | 560.7  | 560.7  | 557.6  | 552.9  | 552.9  | 552.9  | 552.9  | 559.2  | 563.9  | 567.0  | 576.4  |
| 60°    | 512.3  | 506.1  | 501.4  | 501.4  | 501.4  | 499.8  | 509.2  | 509.2  | 518.6  | 520.1  | 523.2  |
| 62.5°  | 454.5  | 451.4  | 448.3  | 449.8  | 448.3  | 451.4  | 454.5  | 460.8  | 462.3  | 467.0  | 471.7  |
| 65°    | 399.9  | 399.9  | 396.7  | 406.1  | 399.9  | 399.9  | 407.7  | 407.7  | 410.8  | 415.5  | 421.7  |
| 67.5°  | 346.7  | 348.3  | 345.2  | 345.2  | 348.3  | 349.9  | 351.4  | 357.7  | 359.2  | 365.5  | 373.3  |
| 70°    | 292.1  | 295.2  | 296.8  | 293.6  | 296.8  | 299.9  | 303.0  | 304.6  | 310.8  | 313.9  | 318.6  |
| 72.5°  | 243.7  | 246.8  | 242.1  | 243.7  | 245.2  | 248.3  | 249.9  | 253.0  | 256.2  | 265.5  | 268.7  |
| 75°    | 195.2  | 193.7  | 192.1  | 198.4  | 195.2  | 201.5  | 203.1  | 203.1  | 206.2  | 214.0  | 217.1  |
| 77.5°  | 149.9  | 149.9  | 151.5  | 148.4  | 153.1  | 151.5  | 153.1  | 157.8  | 162.4  | 162.4  | 174.9  |
| 80°    | 104.6  | 107.8  | 107.8  | 107.8  | 109.3  | 110.9  | 107.8  | 115.6  | 117.1  | 117.1  | 121.8  |
| 82.5°  | 67.2   | 68.7   | 67.2   | 70.3   | 70.3   | 73.4   | 71.8   | 73.4   | 76.5   | 79.7   | 81.2   |
| 85°    | 35.9   | 35.9   | 39.0   | 39.0   | 37.5   | 39.0   | 37.5   | 39.0   | 42.2   | 42.2   | 43.7   |
| 87.5°  | 12.5   | 12.5   | 12.5   | 12.5   | 14.1   | 12.5   | 14.1   | 14.1   | 12.5   | 12.5   | 17.2   |
| 90°    | 15.0   | 16.7   | 18.9   | 23.3   | 27.6   | 32.0   | 36.4   | 37.8   | 39.1   | 40.5   | 41.8   |
| 92.5°  | 53.6   | 54.6   | 55.6   | 57.6   | 59.7   | 61.7   | 63.7   | 64.7   | 65.7   | 66.8   | 67.8   |
| 95°    | 98.9   | 100.1  | 101.5  | 104.2  | 106.9  | 109.6  | 112.3  | 113.6  | 115.0  | 116.3  | 117.6  |
| 97.5°  | 153.9  | 154.7  | 155.7  | 157.7  | 159.8  | 161.8  | 163.8  | 165.5  | 167.2  | 168.9  | 170.6  |
| 100°   | 214.4  | 215.4  | 216.2  | 217.9  | 219.6  | 221.3  | 223.0  | 224.0  | 225.0  | 226.1  | 227.1  |
| 102.5° | 278.6  | 279.1  | 280.3  | 282.7  | 285.0  | 287.4  | 289.8  | 290.8  | 291.8  | 292.8  | 293.8  |
| 105°   | 344.1  | 344.4  | 345.9  | 348.9  | 352.0  | 355.0  | 358.0  | 358.0  | 358.0  | 358.0  | 358.0  |
| 107.5° | 421.5  | 421.7  | 422.4  | 423.7  | 425.1  | 426.4  | 427.8  | 428.8  | 429.8  | 430.9  | 431.9  |
| 110°   | 495.8  | 496.1  | 496.4  | 497.1  | 497.8  | 498.4  | 499.1  | 500.5  | 501.8  | 503.2  | 504.5  |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 570.2  | 570.4  | 570.4  | 570.4  | 570.4  | 570.4  | 570.4  | 572.1  | 573.8  | 575.5  | 577.2  |
| 115°   | 648.8  | 649.3  | 649.0  | 648.3  | 647.6  | 647.0  | 646.3  | 646.6  | 647.0  | 647.3  | 647.6  |
| 117.5° | 723.4  | 723.6  | 723.3  | 722.6  | 721.9  | 721.3  | 720.6  | 720.6  | 720.6  | 720.6  | 720.6  |
| 120°   | 801.5  | 802.5  | 801.7  | 800.0  | 798.3  | 796.6  | 794.9  | 794.6  | 794.2  | 793.9  | 793.6  |
| 122.5° | 873.1  | 873.8  | 873.5  | 872.8  | 872.1  | 871.5  | 870.8  | 869.8  | 868.8  | 867.7  | 866.7  |
| 125°   | 947.6  | 948.1  | 947.8  | 947.1  | 946.4  | 945.8  | 945.1  | 943.7  | 942.4  | 941.0  | 939.7  |
| 127.5° | 1021.5 | 1022.5 | 1022.2 | 1021.5 | 1020.8 | 1020.1 | 1019.4 | 1017.4 | 1015.4 | 1013.3 | 1011.3 |
| 130°   | 1094.0 | 1095.3 | 1094.8 | 1093.8 | 1092.7 | 1091.7 | 1090.7 | 1089.4 | 1088.0 | 1086.7 | 1085.4 |
| 132.5° | 1163.7 | 1165.1 | 1164.8 | 1164.1 | 1163.4 | 1162.7 | 1162.0 | 1160.3 | 1158.7 | 1157.0 | 1155.3 |
| 135°   | 1232.3 | 1233.3 | 1233.1 | 1232.8 | 1232.5 | 1232.1 | 1231.8 | 1230.5 | 1229.1 | 1227.8 | 1226.5 |
| 137.5° | 1296.3 | 1297.1 | 1297.6 | 1298.6 | 1299.6 | 1300.6 | 1301.6 | 1299.9 | 1298.2 | 1296.5 | 1294.8 |
| 140°   | 1364.5 | 1365.3 | 1365.5 | 1365.8 | 1366.1 | 1366.5 | 1366.8 | 1366.5 | 1366.1 | 1365.8 | 1365.5 |
| 142.5° | 1426.7 | 1427.5 | 1427.8 | 1428.5 | 1429.2 | 1429.9 | 1430.6 | 1430.2 | 1429.9 | 1429.5 | 1429.2 |
| 145°   | 1487.9 | 1488.2 | 1488.7 | 1489.7 | 1490.7 | 1491.7 | 1492.7 | 1492.4 | 1492.0 | 1491.7 | 1491.4 |
| 147.5° | 1546.7 | 1547.4 | 1547.9 | 1548.9 | 1549.9 | 1550.9 | 1551.9 | 1551.9 | 1551.9 | 1551.9 | 1551.9 |
| 150°   | 1603.2 | 1603.5 | 1603.8 | 1604.5 | 1605.2 | 1605.8 | 1606.5 | 1606.5 | 1606.5 | 1606.5 | 1606.5 |
| 152.5° | 1653.1 | 1653.6 | 1653.8 | 1654.1 | 1654.4 | 1654.8 | 1655.1 | 1655.8 | 1656.4 | 1657.1 | 1657.8 |
| 155°   | 1700.6 | 1700.6 | 1700.8 | 1701.1 | 1701.4 | 1701.8 | 1702.1 | 1703.5 | 1704.8 | 1706.2 | 1707.5 |
| 157.5° | 1743.3 | 1743.1 | 1743.3 | 1743.6 | 1743.9 | 1744.3 | 1744.6 | 1745.9 | 1747.3 | 1748.6 | 1749.9 |
| 160°   | 1782.8 | 1782.5 | 1782.5 | 1782.5 | 1782.5 | 1782.5 | 1782.5 | 1784.2 | 1785.9 | 1787.6 | 1789.3 |
| 162.5° | 1817.9 | 1817.4 | 1817.6 | 1817.9 | 1818.2 | 1818.6 | 1818.9 | 1820.6 | 1822.3 | 1824.0 | 1825.7 |
| 165°   | 1848.2 | 1847.7 | 1847.7 | 1847.7 | 1847.7 | 1847.7 | 1847.7 | 1849.7 | 1851.7 | 1853.8 | 1855.8 |
| 167.5° | 1872.7 | 1872.0 | 1872.2 | 1872.5 | 1872.8 | 1873.2 | 1873.5 | 1875.5 | 1877.5 | 1879.6 | 1881.6 |
| 170°   | 1893.9 | 1893.2 | 1893.2 | 1893.2 | 1893.2 | 1893.2 | 1893.2 | 1895.6 | 1898.0 | 1900.3 | 1902.7 |
| 172.5° | 1910.6 | 1909.9 | 1909.9 | 1909.9 | 1909.9 | 1909.9 | 1909.9 | 1911.9 | 1913.9 | 1916.0 | 1918.0 |
| 175°   | 1921.2 | 1920.5 | 1920.5 | 1920.5 | 1920.5 | 1920.5 | 1920.5 | 1922.5 | 1924.6 | 1926.6 | 1928.7 |
| 177.5° | 1927.3 | 1926.6 | 1926.6 | 1926.6 | 1926.6 | 1926.6 | 1926.6 | 1928.6 | 1930.6 | 1932.7 | 1934.7 |
| 180°   | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1529.1 | 1530.7 | 1524.4 | 1519.8 | 1532.3 | 1524.4 | 1524.4 | 1526.0 | 1522.9 | 1527.6 | 1526.0 |
| 5°     | 1443.2 | 1444.8 | 1433.8 | 1437.0 | 1430.7 | 1429.2 | 1427.6 | 1437.0 | 1435.4 | 1433.8 | 1437.0 |
| 7.5°   | 1358.9 | 1358.9 | 1354.2 | 1351.1 | 1351.1 | 1346.4 | 1352.6 | 1351.1 | 1354.2 | 1354.2 | 1358.9 |
| 10°    | 1288.6 | 1291.7 | 1283.9 | 1276.1 | 1274.5 | 1276.1 | 1276.1 | 1277.7 | 1279.2 | 1290.2 | 1288.6 |
| 12.5°  | 1230.8 | 1226.1 | 1224.6 | 1219.9 | 1212.1 | 1208.9 | 1205.8 | 1223.0 | 1218.3 | 1218.3 | 1218.3 |
| 15°    | 1166.8 | 1177.7 | 1176.1 | 1162.1 | 1159.0 | 1165.2 | 1162.1 | 1162.1 | 1177.7 | 1176.1 | 1174.6 |
| 17.5°  | 1132.4 | 1129.3 | 1126.1 | 1118.3 | 1119.9 | 1118.3 | 1119.9 | 1119.9 | 1129.3 | 1129.3 | 1129.3 |
| 20°    | 1093.3 | 1087.1 | 1087.1 | 1084.0 | 1084.0 | 1079.3 | 1085.5 | 1087.1 | 1093.3 | 1093.3 | 1094.9 |
| 22.5°  | 1059.0 | 1054.3 | 1054.3 | 1052.7 | 1055.9 | 1049.6 | 1055.9 | 1057.4 | 1057.4 | 1062.1 | 1062.1 |
| 25°    | 1029.3 | 1026.2 | 1026.2 | 1029.3 | 1029.3 | 1029.3 | 1029.3 | 1035.6 | 1030.9 | 1032.4 | 1030.9 |
| 27.5°  | 1002.8 | 1004.3 | 1005.9 | 1007.4 | 1005.9 | 1007.4 | 1009.0 | 1012.1 | 1013.7 | 1012.1 | 1009.0 |
| 30°    | 977.8  | 982.5  | 984.0  | 984.0  | 987.1  | 988.7  | 990.3  | 990.3  | 991.8  | 987.1  | 990.3  |
| 32.5°  | 959.0  | 959.0  | 962.1  | 963.7  | 966.8  | 968.4  | 968.4  | 971.5  | 970.0  | 965.3  | 966.8  |
| 35°    | 932.5  | 932.5  | 938.7  | 941.8  | 946.5  | 945.0  | 946.5  | 946.5  | 948.1  | 945.0  | 940.3  |
| 37.5°  | 905.9  | 909.0  | 909.0  | 915.3  | 916.9  | 918.4  | 916.9  | 920.0  | 918.4  | 915.3  | 913.7  |
| 40°    | 874.7  | 873.1  | 874.7  | 879.4  | 880.9  | 880.9  | 880.9  | 884.1  | 884.1  | 884.1  | 882.5  |
| 42.5°  | 835.6  | 840.3  | 838.8  | 843.4  | 841.9  | 841.9  | 845.0  | 848.1  | 849.7  | 845.0  | 846.6  |
| 45°    | 798.1  | 798.1  | 801.3  | 801.3  | 802.8  | 802.8  | 809.1  | 806.0  | 809.1  | 806.0  | 807.5  |
| 47.5°  | 757.5  | 759.1  | 759.1  | 760.7  | 763.8  | 766.9  | 763.8  | 765.3  | 765.3  | 766.9  | 763.8  |
| 50°    | 712.2  | 712.2  | 715.4  | 720.0  | 726.3  | 723.2  | 721.6  | 727.9  | 723.2  | 723.2  | 720.0  |
| 52.5°  | 665.4  | 670.1  | 671.6  | 676.3  | 681.0  | 682.6  | 684.1  | 681.0  | 682.6  | 677.9  | 679.4  |
| 55°    | 620.1  | 621.6  | 627.9  | 632.6  | 637.3  | 637.3  | 635.7  | 637.3  | 638.8  | 632.6  | 632.6  |
| 57.5°  | 574.8  | 579.5  | 585.7  | 585.7  | 592.0  | 592.0  | 590.4  | 590.4  | 592.0  | 587.3  | 585.7  |
| 60°    | 526.4  | 531.1  | 538.9  | 538.9  | 548.2  | 549.8  | 546.7  | 543.6  | 543.6  | 538.9  | 540.4  |
| 62.5°  | 474.8  | 479.5  | 484.2  | 492.0  | 498.3  | 495.1  | 501.4  | 495.1  | 496.7  | 487.3  | 487.3  |
| 65°    | 429.5  | 431.1  | 438.9  | 446.7  | 446.7  | 449.8  | 446.7  | 448.3  | 443.6  | 443.6  | 437.3  |
| 67.5°  | 376.4  | 376.4  | 384.2  | 392.0  | 399.9  | 399.9  | 399.9  | 395.2  | 395.2  | 390.5  | 390.5  |
| 70°    | 329.6  | 328.0  | 335.8  | 340.5  | 345.2  | 346.7  | 343.6  | 342.1  | 338.9  | 334.3  | 332.7  |
| 72.5°  | 271.8  | 274.9  | 282.7  | 285.8  | 293.6  | 292.1  | 299.9  | 290.5  | 290.5  | 282.7  | 281.1  |
| 75°    | 220.2  | 223.4  | 231.2  | 235.9  | 240.5  | 240.5  | 245.2  | 240.5  | 234.3  | 231.2  | 229.6  |
| 77.5°  | 174.9  | 173.4  | 179.6  | 187.4  | 189.0  | 187.4  | 190.6  | 189.0  | 182.7  | 182.7  | 179.6  |
| 80°    | 125.0  | 129.6  | 135.9  | 134.3  | 140.6  | 139.0  | 139.0  | 135.9  | 135.9  | 131.2  | 134.3  |
| 82.5°  | 82.8   | 87.5   | 89.0   | 87.5   | 89.0   | 92.2   | 93.7   | 92.2   | 92.2   | 89.0   | 90.6   |
| 85°    | 43.7   | 43.7   | 46.9   | 48.4   | 46.9   | 46.9   | 48.4   | 53.1   | 50.0   | 46.9   | 50.0   |
| 87.5°  | 14.1   | 12.5   | 12.5   | 14.1   | 12.5   | 12.5   | 14.1   | 14.1   | 15.6   | 15.6   | 15.6   |
| 90°    | 42.5   | 42.8   | 43.5   | 44.2   | 44.8   | 45.5   | 44.8   | 44.2   | 43.5   | 42.8   | 42.5   |
| 92.5°  | 68.3   | 68.0   | 67.3   | 66.6   | 65.9   | 65.2   | 65.9   | 66.6   | 67.3   | 68.0   | 68.3   |
| 95°    | 118.3  | 118.3  | 118.3  | 118.3  | 118.3  | 118.3  | 118.3  | 118.3  | 118.3  | 118.3  | 118.3  |
| 97.5°  | 171.4  | 171.2  | 170.9  | 170.6  | 170.2  | 169.9  | 170.2  | 170.6  | 170.9  | 171.2  | 171.4  |
| 100°   | 227.6  | 227.9  | 228.6  | 229.3  | 229.9  | 230.6  | 229.9  | 229.3  | 228.6  | 227.9  | 227.6  |
| 102.5° | 294.3  | 294.1  | 293.8  | 293.5  | 293.1  | 292.8  | 293.1  | 293.5  | 293.8  | 294.1  | 294.3  |
| 105°   | 358.0  | 358.3  | 359.0  | 359.7  | 360.4  | 361.1  | 360.4  | 359.7  | 359.0  | 358.3  | 358.0  |
| 107.5° | 432.4  | 432.2  | 431.9  | 431.5  | 431.2  | 430.8  | 431.2  | 431.5  | 431.9  | 432.2  | 432.4  |
| 110°   | 505.2  | 504.9  | 504.2  | 503.5  | 502.8  | 502.1  | 502.8  | 503.5  | 504.2  | 504.9  | 505.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 578.0  | 578.0  | 578.0  | 578.0  | 578.0  | 578.0  | 578.0  | 578.0  | 578.0  | 578.0  | 578.0  |
| 115°   | 647.8  | 647.6  | 647.3  | 647.0  | 646.6  | 646.3  | 646.6  | 647.0  | 647.3  | 647.6  | 647.8  |
| 117.5° | 720.6  | 720.1  | 719.1  | 718.0  | 717.0  | 716.0  | 717.0  | 718.0  | 719.1  | 720.1  | 720.6  |
| 120°   | 793.4  | 793.1  | 792.4  | 791.7  | 791.1  | 790.4  | 791.1  | 791.7  | 792.4  | 793.1  | 793.4  |
| 122.5° | 866.2  | 865.7  | 864.7  | 863.7  | 862.7  | 861.7  | 862.7  | 863.7  | 864.7  | 865.7  | 866.2  |
| 125°   | 939.0  | 938.3  | 937.0  | 935.7  | 934.3  | 933.0  | 934.3  | 935.7  | 937.0  | 938.3  | 939.0  |
| 127.5° | 1010.3 | 1009.6 | 1008.3 | 1007.0 | 1005.6 | 1004.3 | 1005.6 | 1007.0 | 1008.3 | 1009.6 | 1010.3 |
| 130°   | 1084.7 | 1083.5 | 1081.2 | 1078.8 | 1076.5 | 1074.1 | 1076.5 | 1078.8 | 1081.2 | 1083.5 | 1084.7 |
| 132.5° | 1154.5 | 1153.7 | 1152.0 | 1150.3 | 1148.6 | 1146.9 | 1148.6 | 1150.3 | 1152.0 | 1153.7 | 1154.5 |
| 135°   | 1225.8 | 1225.5 | 1224.8 | 1224.1 | 1223.4 | 1222.7 | 1223.4 | 1224.1 | 1224.8 | 1225.5 | 1225.8 |
| 137.5° | 1294.0 | 1293.5 | 1292.5 | 1291.5 | 1290.5 | 1289.5 | 1290.5 | 1291.5 | 1292.5 | 1293.5 | 1294.0 |
| 140°   | 1365.3 | 1364.1 | 1361.8 | 1359.4 | 1357.1 | 1354.7 | 1357.1 | 1359.4 | 1361.8 | 1364.1 | 1365.3 |
| 142.5° | 1429.0 | 1428.2 | 1426.5 | 1424.8 | 1423.1 | 1421.4 | 1423.1 | 1424.8 | 1426.5 | 1428.2 | 1429.0 |
| 145°   | 1491.2 | 1490.5 | 1489.2 | 1487.9 | 1486.5 | 1485.2 | 1486.5 | 1487.9 | 1489.2 | 1490.5 | 1491.2 |
| 147.5° | 1551.9 | 1550.9 | 1548.9 | 1546.8 | 1544.8 | 1542.8 | 1544.8 | 1546.8 | 1548.9 | 1550.9 | 1551.9 |
| 150°   | 1606.5 | 1605.5 | 1603.5 | 1601.4 | 1599.4 | 1597.4 | 1599.4 | 1601.4 | 1603.5 | 1605.5 | 1606.5 |
| 152.5° | 1658.1 | 1657.3 | 1655.6 | 1653.9 | 1652.2 | 1650.5 | 1652.2 | 1653.9 | 1655.6 | 1657.3 | 1658.1 |
| 155°   | 1708.2 | 1707.0 | 1704.6 | 1702.3 | 1699.9 | 1697.5 | 1699.9 | 1702.3 | 1704.6 | 1707.0 | 1708.2 |
| 157.5° | 1750.6 | 1749.6 | 1747.6 | 1745.5 | 1743.5 | 1741.5 | 1743.5 | 1745.5 | 1747.6 | 1749.6 | 1750.6 |
| 160°   | 1790.1 | 1789.4 | 1788.1 | 1786.7 | 1785.4 | 1784.0 | 1785.4 | 1786.7 | 1788.1 | 1789.4 | 1790.1 |
| 162.5° | 1826.5 | 1825.3 | 1823.0 | 1820.6 | 1818.3 | 1815.9 | 1818.3 | 1820.6 | 1823.0 | 1825.3 | 1826.5 |
| 165°   | 1856.8 | 1855.6 | 1853.3 | 1850.9 | 1848.6 | 1846.2 | 1848.6 | 1850.9 | 1853.3 | 1855.6 | 1856.8 |
| 167.5° | 1882.6 | 1881.6 | 1879.6 | 1877.5 | 1875.5 | 1873.5 | 1875.5 | 1877.5 | 1879.6 | 1881.6 | 1882.6 |
| 170°   | 1903.9 | 1902.7 | 1900.3 | 1898.0 | 1895.6 | 1893.2 | 1895.6 | 1898.0 | 1900.3 | 1902.7 | 1903.9 |
| 172.5° | 1919.0 | 1917.8 | 1915.5 | 1913.1 | 1910.8 | 1908.4 | 1910.8 | 1913.1 | 1915.5 | 1917.8 | 1919.0 |
| 175°   | 1929.7 | 1928.5 | 1926.1 | 1923.8 | 1921.4 | 1919.0 | 1921.4 | 1923.8 | 1926.1 | 1928.5 | 1929.7 |
| 177.5° | 1935.7 | 1934.5 | 1932.2 | 1929.8 | 1927.5 | 1925.1 | 1927.5 | 1929.8 | 1932.2 | 1934.5 | 1935.7 |
| 180°   | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 |

TEST NUMBER: P1031466

CATALOG NUMBER: S123DIW-B1165D1535UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1530.7 | 1533.8 | 1535.4 | 1529.1 | 1524.4 | 1532.3 | 1543.2 | 1551.0 | 1557.2 | 1565.1 | 1569.7 |
| 5°     | 1440.1 | 1451.0 | 1451.0 | 1454.2 | 1458.8 | 1466.6 | 1487.0 | 1501.0 | 1513.5 | 1522.9 | 1530.7 |
| 7.5°   | 1363.6 | 1371.4 | 1376.1 | 1383.9 | 1391.7 | 1402.6 | 1426.0 | 1446.3 | 1465.1 | 1476.0 | 1488.5 |
| 10°    | 1294.8 | 1301.1 | 1308.9 | 1313.6 | 1327.6 | 1343.3 | 1372.9 | 1390.1 | 1412.0 | 1429.2 | 1444.8 |
| 12.5°  | 1229.2 | 1251.1 | 1255.8 | 1254.2 | 1266.7 | 1283.9 | 1313.6 | 1340.1 | 1363.6 | 1380.7 | 1397.9 |
| 15°    | 1182.4 | 1190.2 | 1199.6 | 1198.0 | 1224.6 | 1229.2 | 1254.2 | 1285.5 | 1316.7 | 1327.6 | 1343.3 |
| 17.5°  | 1130.8 | 1143.3 | 1152.7 | 1157.4 | 1165.2 | 1182.4 | 1205.8 | 1229.2 | 1269.8 | 1271.4 | 1312.0 |
| 20°    | 1090.2 | 1102.7 | 1109.0 | 1115.2 | 1119.9 | 1140.2 | 1160.5 | 1187.1 | 1219.9 | 1237.0 | 1258.9 |
| 22.5°  | 1063.7 | 1069.9 | 1074.6 | 1079.3 | 1085.5 | 1096.5 | 1121.5 | 1151.1 | 1173.0 | 1191.8 | 1205.8 |
| 25°    | 1032.4 | 1038.7 | 1044.9 | 1048.1 | 1052.7 | 1059.0 | 1077.7 | 1101.2 | 1132.4 | 1144.9 | 1159.0 |
| 27.5°  | 1010.6 | 1010.6 | 1013.7 | 1013.7 | 1019.9 | 1026.2 | 1040.2 | 1062.1 | 1087.1 | 1102.7 | 1121.5 |
| 30°    | 987.1  | 985.6  | 987.1  | 985.6  | 984.0  | 993.4  | 1005.9 | 1024.6 | 1041.8 | 1060.5 | 1073.0 |
| 32.5°  | 963.7  | 962.1  | 962.1  | 963.7  | 957.5  | 962.1  | 968.4  | 985.6  | 1004.3 | 1013.7 | 1027.7 |
| 35°    | 938.7  | 935.6  | 935.6  | 935.6  | 932.5  | 929.3  | 935.6  | 951.2  | 963.7  | 976.2  | 987.1  |
| 37.5°  | 913.7  | 909.0  | 909.0  | 905.9  | 902.8  | 898.1  | 898.1  | 910.6  | 927.8  | 932.5  | 946.5  |
| 40°    | 879.4  | 879.4  | 876.2  | 874.7  | 871.6  | 868.4  | 863.7  | 874.7  | 890.3  | 895.0  | 905.9  |
| 42.5°  | 845.0  | 840.3  | 838.8  | 838.8  | 838.8  | 834.1  | 830.9  | 838.8  | 848.1  | 855.9  | 862.2  |
| 45°    | 806.0  | 802.8  | 804.4  | 802.8  | 799.7  | 798.1  | 796.6  | 799.7  | 810.6  | 813.8  | 821.6  |
| 47.5°  | 763.8  | 762.2  | 762.2  | 760.7  | 759.1  | 760.7  | 754.4  | 762.2  | 765.3  | 768.5  | 774.7  |
| 50°    | 720.0  | 718.5  | 716.9  | 715.4  | 715.4  | 716.9  | 715.4  | 715.4  | 721.6  | 724.7  | 731.0  |
| 52.5°  | 676.3  | 671.6  | 671.6  | 670.1  | 670.1  | 666.9  | 670.1  | 671.6  | 674.8  | 677.9  | 681.0  |
| 55°    | 629.5  | 629.5  | 624.8  | 624.8  | 621.6  | 621.6  | 623.2  | 621.6  | 627.9  | 631.0  | 631.0  |
| 57.5°  | 584.2  | 577.9  | 579.5  | 576.4  | 573.2  | 571.7  | 571.7  | 574.8  | 577.9  | 577.9  | 581.0  |
| 60°    | 535.7  | 529.5  | 527.9  | 521.7  | 524.8  | 520.1  | 521.7  | 521.7  | 527.9  | 524.8  | 527.9  |
| 62.5°  | 487.3  | 479.5  | 474.8  | 471.7  | 471.7  | 473.3  | 470.1  | 468.6  | 471.7  | 474.8  | 481.1  |
| 65°    | 435.8  | 431.1  | 426.4  | 421.7  | 421.7  | 420.2  | 423.3  | 418.6  | 417.0  | 418.6  | 421.7  |
| 67.5°  | 382.7  | 378.0  | 373.3  | 368.6  | 370.2  | 365.5  | 362.4  | 367.1  | 363.9  | 365.5  | 368.6  |
| 70°    | 331.1  | 328.0  | 318.6  | 315.5  | 313.9  | 315.5  | 313.9  | 310.8  | 315.5  | 313.9  | 315.5  |
| 72.5°  | 279.6  | 276.5  | 271.8  | 264.0  | 264.0  | 262.4  | 260.8  | 260.8  | 259.3  | 259.3  | 259.3  |
| 75°    | 229.6  | 223.4  | 218.7  | 217.1  | 214.0  | 212.4  | 210.9  | 207.7  | 209.3  | 210.9  | 207.7  |
| 77.5°  | 178.1  | 170.3  | 168.7  | 168.7  | 164.0  | 164.0  | 165.6  | 164.0  | 162.4  | 162.4  | 162.4  |
| 80°    | 131.2  | 125.0  | 125.0  | 121.8  | 118.7  | 118.7  | 118.7  | 118.7  | 117.1  | 115.6  | 117.1  |
| 82.5°  | 84.3   | 82.8   | 81.2   | 81.2   | 84.3   | 78.1   | 81.2   | 79.7   | 78.1   | 78.1   | 76.5   |
| 85°    | 46.9   | 48.4   | 46.9   | 48.4   | 45.3   | 46.9   | 46.9   | 46.9   | 45.3   | 46.9   | 43.7   |
| 87.5°  | 17.2   | 17.2   | 17.2   | 18.7   | 18.7   | 18.7   | 18.7   | 18.7   | 20.3   | 18.7   | 18.7   |
| 90°    | 41.8   | 40.5   | 39.1   | 37.8   | 36.4   | 32.0   | 27.6   | 23.3   | 18.9   | 16.7   | 15.0   |
| 92.5°  | 67.8   | 66.8   | 65.7   | 64.7   | 63.7   | 61.7   | 59.7   | 57.6   | 55.6   | 54.6   | 53.6   |
| 95°    | 117.6  | 116.3  | 115.0  | 113.6  | 112.3  | 109.6  | 106.9  | 104.2  | 101.5  | 100.1  | 98.9   |
| 97.5°  | 170.6  | 168.9  | 167.2  | 165.5  | 163.8  | 161.8  | 159.8  | 157.7  | 155.7  | 154.7  | 153.9  |
| 100°   | 227.1  | 226.1  | 225.0  | 224.0  | 223.0  | 221.3  | 219.6  | 217.9  | 216.2  | 215.4  | 214.4  |
| 102.5° | 293.8  | 292.8  | 291.8  | 290.8  | 289.8  | 287.4  | 285.0  | 282.7  | 280.3  | 279.1  | 278.6  |
| 105°   | 358.0  | 358.0  | 358.0  | 358.0  | 358.0  | 355.0  | 352.0  | 348.9  | 345.9  | 344.4  | 344.1  |
| 107.5° | 431.9  | 430.9  | 429.8  | 428.8  | 427.8  | 426.4  | 425.1  | 423.7  | 422.4  | 421.7  | 421.5  |
| 110°   | 504.5  | 503.2  | 501.8  | 500.5  | 499.1  | 498.4  | 497.8  | 497.1  | 496.4  | 496.1  | 495.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 577.2  | 575.5  | 573.8  | 572.1  | 570.4  | 570.4  | 570.4  | 570.4  | 570.4  | 570.4  | 570.2  |
| 115°   | 647.6  | 647.3  | 647.0  | 646.6  | 646.3  | 647.0  | 647.6  | 648.3  | 649.0  | 649.3  | 648.8  |
| 117.5° | 720.6  | 720.6  | 720.6  | 720.6  | 720.6  | 721.3  | 721.9  | 722.6  | 723.3  | 723.6  | 723.4  |
| 120°   | 793.6  | 793.9  | 794.2  | 794.6  | 794.9  | 796.6  | 798.3  | 800.0  | 801.7  | 802.5  | 801.5  |
| 122.5° | 866.7  | 867.7  | 868.8  | 869.8  | 870.8  | 871.5  | 872.1  | 872.8  | 873.5  | 873.8  | 873.1  |
| 125°   | 939.7  | 941.0  | 942.4  | 943.7  | 945.1  | 945.8  | 946.4  | 947.1  | 947.8  | 948.1  | 947.6  |
| 127.5° | 1011.3 | 1013.3 | 1015.4 | 1017.4 | 1019.4 | 1020.1 | 1020.8 | 1021.5 | 1022.2 | 1022.5 | 1021.5 |
| 130°   | 1085.4 | 1086.7 | 1088.0 | 1089.4 | 1090.7 | 1091.7 | 1092.7 | 1093.8 | 1094.8 | 1095.3 | 1094.0 |
| 132.5° | 1155.3 | 1157.0 | 1158.7 | 1160.3 | 1162.0 | 1162.7 | 1163.4 | 1164.1 | 1164.8 | 1165.1 | 1163.7 |
| 135°   | 1226.5 | 1227.8 | 1229.1 | 1230.5 | 1231.8 | 1232.1 | 1232.5 | 1232.8 | 1233.1 | 1233.3 | 1232.3 |
| 137.5° | 1294.8 | 1296.5 | 1298.2 | 1299.9 | 1301.6 | 1300.6 | 1299.6 | 1298.6 | 1297.6 | 1297.1 | 1296.3 |
| 140°   | 1365.5 | 1365.8 | 1366.1 | 1366.5 | 1366.8 | 1366.5 | 1366.1 | 1365.8 | 1365.5 | 1365.3 | 1364.5 |
| 142.5° | 1429.2 | 1429.5 | 1429.9 | 1430.2 | 1430.6 | 1429.9 | 1429.2 | 1428.5 | 1427.8 | 1427.5 | 1426.7 |
| 145°   | 1491.4 | 1491.7 | 1492.0 | 1492.4 | 1492.7 | 1491.7 | 1490.7 | 1489.7 | 1488.7 | 1488.2 | 1487.9 |
| 147.5° | 1551.9 | 1551.9 | 1551.9 | 1551.9 | 1551.9 | 1550.9 | 1549.9 | 1548.9 | 1547.9 | 1547.4 | 1546.7 |
| 150°   | 1606.5 | 1606.5 | 1606.5 | 1606.5 | 1606.5 | 1605.8 | 1605.2 | 1604.5 | 1603.8 | 1603.5 | 1603.2 |
| 152.5° | 1657.8 | 1657.1 | 1656.4 | 1655.8 | 1655.1 | 1654.8 | 1654.4 | 1654.1 | 1653.8 | 1653.6 | 1653.1 |
| 155°   | 1707.5 | 1706.2 | 1704.8 | 1703.5 | 1702.1 | 1701.8 | 1701.4 | 1701.1 | 1700.8 | 1700.6 | 1700.6 |
| 157.5° | 1749.9 | 1748.6 | 1747.3 | 1745.9 | 1744.6 | 1744.3 | 1743.9 | 1743.6 | 1743.3 | 1743.1 | 1743.3 |
| 160°   | 1789.3 | 1787.6 | 1785.9 | 1784.2 | 1782.5 | 1782.5 | 1782.5 | 1782.5 | 1782.5 | 1782.5 | 1782.8 |
| 162.5° | 1825.7 | 1824.0 | 1822.3 | 1820.6 | 1818.9 | 1818.6 | 1818.2 | 1817.9 | 1817.6 | 1817.4 | 1817.9 |
| 165°   | 1855.8 | 1853.8 | 1851.7 | 1849.7 | 1847.7 | 1847.7 | 1847.7 | 1847.7 | 1847.7 | 1847.7 | 1848.2 |
| 167.5° | 1881.6 | 1879.6 | 1877.5 | 1875.5 | 1873.5 | 1873.2 | 1872.8 | 1872.5 | 1872.2 | 1872.0 | 1872.7 |
| 170°   | 1902.7 | 1900.3 | 1898.0 | 1895.6 | 1893.2 | 1893.2 | 1893.2 | 1893.2 | 1893.2 | 1893.2 | 1893.9 |
| 172.5° | 1918.0 | 1916.0 | 1913.9 | 1911.9 | 1909.9 | 1909.9 | 1909.9 | 1909.9 | 1909.9 | 1909.9 | 1910.6 |
| 175°   | 1928.7 | 1926.6 | 1924.6 | 1922.5 | 1920.5 | 1920.5 | 1920.5 | 1920.5 | 1920.5 | 1920.5 | 1921.2 |
| 177.5° | 1934.7 | 1932.7 | 1930.6 | 1928.6 | 1926.6 | 1926.6 | 1926.6 | 1926.6 | 1926.6 | 1926.6 | 1927.3 |
| 180°   | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 | 1931.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1611.9 | 1611.9 | 1611.9 | 1611.9 |
| 2.5°   | 1577.5 | 1582.2 | 1597.9 | 1616.6 |
| 5°     | 1546.3 | 1558.8 | 1580.7 | 1610.3 |
| 7.5°   | 1511.9 | 1530.7 | 1561.9 | 1599.4 |
| 10°    | 1472.9 | 1499.5 | 1538.5 | 1585.4 |
| 12.5°  | 1430.7 | 1465.1 | 1515.1 | 1563.5 |
| 15°    | 1404.2 | 1438.5 | 1483.8 | 1536.9 |
| 17.5°  | 1352.6 | 1393.2 | 1440.1 | 1515.1 |
| 20°    | 1299.5 | 1344.8 | 1405.7 | 1480.7 |
| 22.5°  | 1258.9 | 1307.3 | 1365.1 | 1444.8 |
| 25°    | 1210.5 | 1260.5 | 1323.0 | 1405.7 |
| 27.5°  | 1159.0 | 1208.9 | 1279.2 | 1366.7 |
| 30°    | 1119.9 | 1168.3 | 1235.5 | 1329.2 |
| 32.5°  | 1073.0 | 1119.9 | 1190.2 | 1288.6 |
| 35°    | 1019.9 | 1073.0 | 1140.2 | 1240.2 |
| 37.5°  | 979.3  | 1027.7 | 1098.0 | 1193.3 |
| 40°    | 935.6  | 977.8  | 1046.5 | 1140.2 |
| 42.5°  | 888.7  | 935.6  | 994.9  | 1088.7 |
| 45°    | 845.0  | 879.4  | 940.3  | 1029.3 |
| 47.5°  | 798.1  | 837.2  | 884.1  | 952.8  |
| 50°    | 748.2  | 781.0  | 832.5  | 879.4  |
| 52.5°  | 699.7  | 726.3  | 770.0  | 806.0  |
| 55°    | 648.2  | 674.8  | 707.6  | 729.4  |
| 57.5°  | 599.8  | 618.5  | 640.4  | 654.4  |
| 60°    | 540.4  | 559.2  | 573.2  | 587.3  |
| 62.5°  | 487.3  | 501.4  | 509.2  | 517.0  |
| 65°    | 432.7  | 440.5  | 445.1  | 451.4  |
| 67.5°  | 373.3  | 381.1  | 382.7  | 392.0  |
| 70°    | 318.6  | 320.2  | 323.3  | 328.0  |
| 72.5°  | 267.1  | 270.2  | 268.7  | 271.8  |
| 75°    | 214.0  | 217.1  | 214.0  | 217.1  |
| 77.5°  | 162.4  | 165.6  | 165.6  | 170.3  |
| 80°    | 117.1  | 118.7  | 120.3  | 120.3  |
| 82.5°  | 76.5   | 81.2   | 78.1   | 79.7   |
| 85°    | 43.7   | 45.3   | 45.3   | 46.9   |
| 87.5°  | 20.3   | 21.9   | 20.3   | 23.4   |
| 90°    | 11.6   | 8.3    | 4.9    | 1.5    |
| 92.5°  | 51.6   | 49.5   | 47.5   | 45.5   |
| 95°    | 96.6   | 94.2   | 91.9   | 89.5   |
| 97.5°  | 152.2  | 150.5  | 148.9  | 147.2  |
| 100°   | 212.4  | 210.3  | 208.3  | 206.3  |
| 102.5° | 277.6  | 276.6  | 275.6  | 274.6  |
| 105°   | 343.4  | 342.7  | 342.0  | 341.3  |
| 107.5° | 421.2  | 420.9  | 420.5  | 420.2  |
| 110°   | 495.1  | 494.4  | 493.7  | 493.0  |

TEST NUMBER: P1031466

CATALOG NUMBER: S123DIW-B1165D1535UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 569.9  | 569.6  | 569.2  | 568.9  |
| 115°   | 647.8  | 646.7  | 645.7  | 644.7  |
| 117.5° | 723.1  | 722.8  | 722.4  | 722.1  |
| 120°   | 799.5  | 797.4  | 795.4  | 793.4  |
| 122.5° | 871.8  | 870.4  | 869.1  | 867.7  |
| 125°   | 946.6  | 945.6  | 944.6  | 943.6  |
| 127.5° | 1019.5 | 1017.4 | 1015.4 | 1013.4 |
| 130°   | 1091.3 | 1088.6 | 1085.9 | 1083.2 |
| 132.5° | 1161.0 | 1158.3 | 1155.6 | 1152.9 |
| 135°   | 1230.3 | 1228.2 | 1226.2 | 1224.2 |
| 137.5° | 1294.6 | 1292.9 | 1291.2 | 1289.5 |
| 140°   | 1362.8 | 1361.1 | 1359.4 | 1357.7 |
| 142.5° | 1425.0 | 1423.3 | 1421.6 | 1419.9 |
| 145°   | 1487.2 | 1486.5 | 1485.9 | 1485.2 |
| 147.5° | 1545.4 | 1544.0 | 1542.7 | 1541.3 |
| 150°   | 1602.5 | 1601.8 | 1601.2 | 1600.5 |
| 152.5° | 1652.1 | 1651.0 | 1650.0 | 1649.0 |
| 155°   | 1700.6 | 1700.6 | 1700.6 | 1700.6 |
| 157.5° | 1743.6 | 1743.9 | 1744.3 | 1744.6 |
| 160°   | 1783.5 | 1784.2 | 1784.8 | 1785.5 |
| 162.5° | 1818.9 | 1819.9 | 1820.9 | 1821.9 |
| 165°   | 1849.2 | 1850.3 | 1851.3 | 1852.3 |
| 167.5° | 1874.0 | 1875.4 | 1876.7 | 1878.1 |
| 170°   | 1895.2 | 1896.6 | 1897.9 | 1899.3 |
| 172.5° | 1911.9 | 1913.3 | 1914.6 | 1916.0 |
| 175°   | 1922.5 | 1923.9 | 1925.2 | 1926.6 |
| 177.5° | 1928.6 | 1930.0 | 1931.3 | 1932.7 |
| 180°   | 1931.2 | 1931.2 | 1931.2 | 1931.2 |

(END OF REPORT)