

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: P1010269

Luminaire Tested: S122RDIP-B865D1080UB50-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1010269  
REPORT IS A COMBINATION OF REPORTS P988653 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122RDIP-B865D1080UB50-4F0-XX-W2A-A1  
Description: Define 2 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}  
{m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

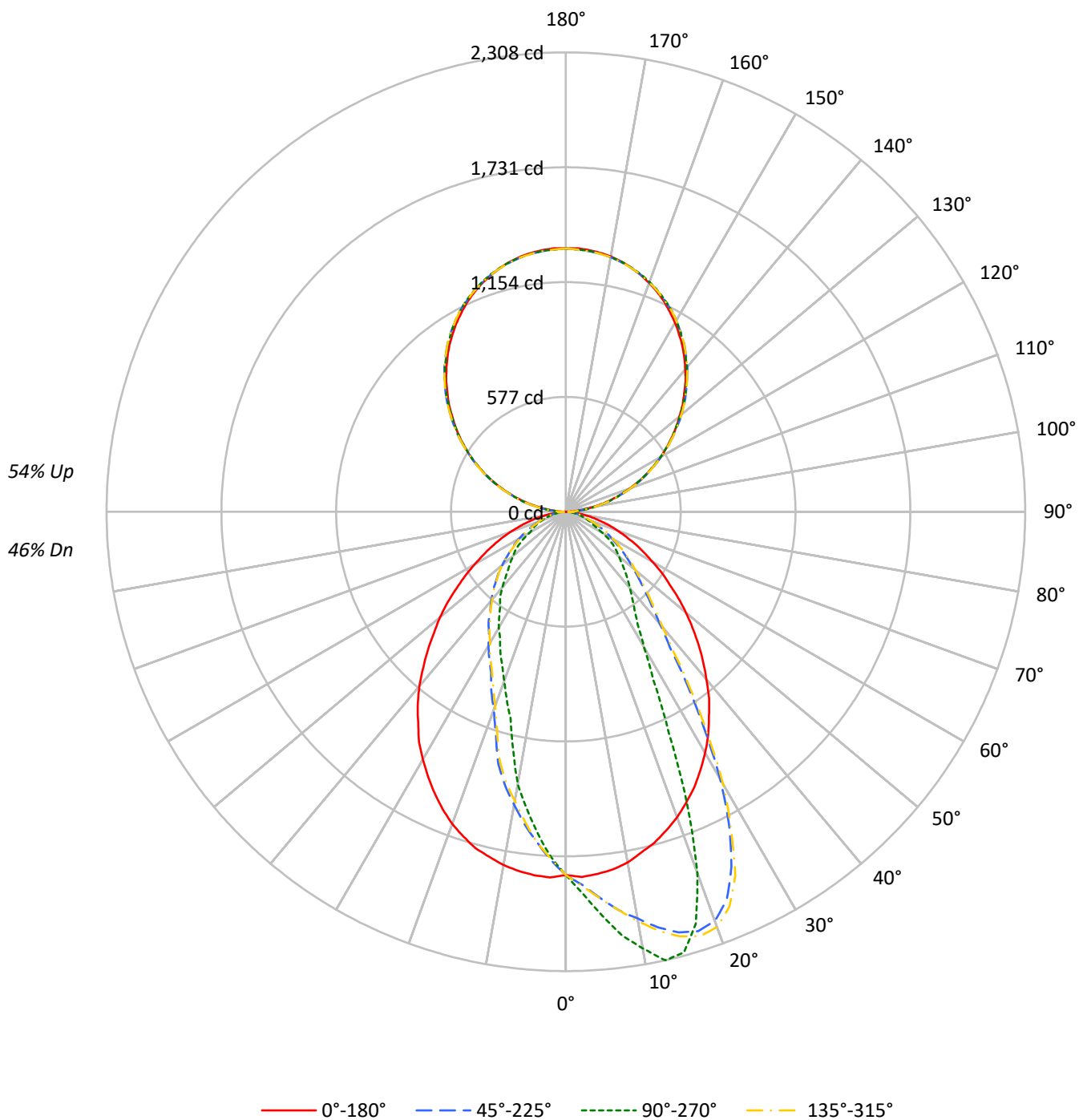
Lumens per Lamp: N/A  
Luminaire Lumens: 6856.0 lumens  
Efficiency: N/A  
Efficacy: 83.8 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 81.8  
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: P1010269

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P1010269

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    |    | 50 |    |    |    |    | 30 |    |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 81 | 81 | 81 | 66 | 66 | 66 | 53 | 53 | 53 | 46 |    |    |
| 1   | 98  | 94  | 90  | 87  | 90 | 86 | 83 | 80 | 72 | 70 | 68 | 59 | 58 | 57 | 47 | 47 | 46 | 40 |    |    |
| 2   | 89  | 83  | 77  | 72  | 82 | 76 | 71 | 67 | 64 | 61 | 58 | 53 | 51 | 48 | 43 | 41 | 40 | 35 |    |    |
| 3   | 82  | 73  | 66  | 61  | 75 | 68 | 62 | 57 | 57 | 53 | 49 | 48 | 44 | 42 | 39 | 36 | 35 | 31 |    |    |
| 4   | 76  | 65  | 58  | 52  | 69 | 61 | 54 | 49 | 51 | 47 | 43 | 43 | 39 | 37 | 35 | 33 | 31 | 27 |    |    |
| 5   | 70  | 59  | 51  | 45  | 64 | 54 | 48 | 43 | 46 | 41 | 37 | 39 | 35 | 32 | 32 | 29 | 27 | 24 |    |    |
| 6   | 64  | 53  | 45  | 40  | 59 | 49 | 42 | 38 | 42 | 37 | 33 | 36 | 32 | 29 | 29 | 27 | 24 | 22 |    |    |
| 7   | 60  | 48  | 41  | 35  | 55 | 45 | 38 | 33 | 39 | 33 | 30 | 33 | 29 | 26 | 27 | 24 | 22 | 19 |    |    |
| 8   | 56  | 44  | 37  | 31  | 51 | 41 | 34 | 30 | 35 | 30 | 27 | 30 | 26 | 23 | 25 | 22 | 20 | 18 |    |    |
| 9   | 52  | 40  | 33  | 28  | 48 | 38 | 31 | 27 | 33 | 28 | 24 | 28 | 24 | 21 | 23 | 20 | 18 | 16 |    |    |
| 10  | 49  | 37  | 30  | 26  | 45 | 35 | 29 | 24 | 30 | 25 | 22 | 26 | 22 | 19 | 22 | 19 | 17 | 15 |    |    |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 28890 | 28890 | 28890 | 28890 |
| 5°  | 28958 | 30686 | 29058 | 24515 |
| 10° | 28639 | 32435 | 28842 | 20244 |
| 15° | 28017 | 32444 | 28492 | 15208 |
| 20° | 27270 | 26818 | 27863 | 12547 |
| 25° | 26363 | 16758 | 26932 | 10673 |
| 30° | 25205 | 10730 | 25892 | 9189  |
| 35° | 23798 | 8245  | 24569 | 7863  |
| 40° | 22231 | 6931  | 23180 | 6879  |
| 45° | 20554 | 5899  | 21412 | 5775  |
| 50° | 18834 | 5012  | 19714 | 4995  |
| 55° | 16931 | 4355  | 17845 | 4298  |
| 60° | 15242 | 3321  | 16049 | 3282  |
| 65° | 13662 | 2499  | 14472 | 2835  |
| 70° | 11918 | 1997  | 12854 | 2310  |
| 75° | 10075 | 1529  | 10998 | 1748  |
| 80° | 8000  | 1041  | 8607  | 1146  |
| 85° | 5551  | 536   | 6088  | 567   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 26428 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 173.1  | 2.5       |
| 10°-20°   | 483.2  | 7.0       |
| 20°-30°   | 621.9  | 9.1       |
| 30°-40°   | 590.0  | 8.6       |
| 40°-50°   | 505.6  | 7.4       |
| 50°-60°   | 385.1  | 5.6       |
| 60°-70°   | 242.8  | 3.5       |
| 70°-80°   | 121.1  | 1.8       |
| 80°-90°   | 34.9   | 0.5       |
| 90°-100°  | 81.8   | 1.2       |
| 100°-110° | 260.1  | 3.8       |
| 110°-120° | 445.1  | 6.5       |
| 120°-130° | 585.4  | 8.5       |
| 130°-140° | 657.1  | 9.6       |
| 140°-150° | 644.4  | 9.4       |
| 150°-160° | 540.5  | 7.9       |
| 160°-170° | 358.5  | 5.2       |
| 170°-180° | 125.3  | 1.8       |
| 0°-30°    | 1278.2 | 18.6      |
| 0°-40°    | 1868.2 | 27.2      |
| 0°-60°    | 2758.9 | 40.2      |
| 0°-90°    | 3157.8 | 46.1      |
| 90°-120°  | 787.1  | 11.5      |
| 90°-150°  | 2673.9 | 39.0      |
| 90°-180°  | 3698.0 | 53.9      |
| 0°-180°   | 6856.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1825 | 1825 | 1825 | 1825 | 1825 |      |
| 5°   | 1826 | 2031 | 1833 | 1622 | 1826 | 173  |
| 15°  | 1721 | 2292 | 1750 | 1074 | 1721 | 484  |
| 25°  | 1527 | 1223 | 1560 | 779  | 1527 | 701  |
| 35°  | 1253 | 602  | 1294 | 574  | 1253 | 784  |
| 45°  | 941  | 418  | 980  | 410  | 941  | 726  |
| 55°  | 635  | 290  | 670  | 287  | 635  | 573  |
| 65°  | 384  | 151  | 407  | 171  | 384  | 381  |
| 75°  | 180  | 80   | 197  | 91   | 180  | 195  |
| 85°  | 39   | 23   | 43   | 24   | 39   | 45   |
| 90°  | 1    | 38   | 1    | 38   | 1    | 6    |
| 95°  | 58   | 69   | 58   | 69   | 58   | 65   |
| 105° | 240  | 248  | 240  | 248  | 240  | 253  |
| 115° | 446  | 446  | 446  | 446  | 446  | 442  |
| 125° | 650  | 652  | 650  | 652  | 650  | 581  |
| 135° | 840  | 851  | 840  | 851  | 840  | 650  |
| 145° | 1020 | 1031 | 1020 | 1031 | 1020 | 637  |
| 155° | 1166 | 1175 | 1166 | 1175 | 1166 | 537  |
| 165° | 1269 | 1270 | 1269 | 1270 | 1269 | 358  |
| 175° | 1320 | 1316 | 1320 | 1316 | 1320 | 125  |
| 180° | 1323 | 1323 | 1323 | 1323 | 1323 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 |
| 2.5°   | 1836.5 | 1844.1 | 1847.9 | 1853.0 | 1864.4 | 1872.0 | 1883.4 | 1886.0 | 1884.7 | 1889.8 | 1875.8 |
| 5°     | 1826.4 | 1842.9 | 1858.1 | 1870.8 | 1891.1 | 1903.7 | 1917.7 | 1934.2 | 1938.0 | 1957.0 | 1945.6 |
| 7.5°   | 1812.4 | 1836.5 | 1858.1 | 1883.4 | 1913.9 | 1930.4 | 1951.9 | 1977.3 | 1988.7 | 2011.5 | 2017.9 |
| 10°    | 1789.6 | 1823.8 | 1860.6 | 1887.2 | 1929.1 | 1958.3 | 1978.6 | 2019.2 | 2045.8 | 2080.0 | 2075.0 |
| 12.5°  | 1752.8 | 1797.2 | 1846.7 | 1891.1 | 1945.6 | 1964.6 | 2002.7 | 2044.5 | 2078.8 | 2110.5 | 2138.4 |
| 15°    | 1721.1 | 1771.8 | 1826.4 | 1880.9 | 1943.1 | 1978.6 | 2016.6 | 2071.2 | 2107.9 | 2163.7 | 2187.8 |
| 17.5°  | 1678.0 | 1742.7 | 1807.3 | 1868.2 | 1941.8 | 1982.4 | 2029.3 | 2082.6 | 2137.1 | 2190.4 | 2209.4 |
| 20°    | 1633.6 | 1703.3 | 1773.1 | 1855.5 | 1939.2 | 1978.6 | 2026.8 | 2092.7 | 2146.0 | 2187.8 | 2187.8 |
| 22.5°  | 1580.3 | 1665.3 | 1745.2 | 1823.8 | 1915.2 | 1972.2 | 2021.7 | 2099.1 | 2137.1 | 2146.0 | 2111.7 |
| 25°    | 1527.0 | 1612.0 | 1699.5 | 1797.2 | 1901.2 | 1951.9 | 2007.7 | 2080.0 | 2092.7 | 2057.2 | 1968.4 |
| 27.5°  | 1463.6 | 1558.8 | 1657.7 | 1763.0 | 1872.0 | 1935.4 | 1986.2 | 2034.4 | 2010.3 | 1915.2 | 1776.9 |
| 30°    | 1398.9 | 1501.7 | 1613.3 | 1713.5 | 1845.4 | 1903.7 | 1946.9 | 1960.8 | 1884.7 | 1730.0 | 1551.1 |
| 32.5°  | 1331.7 | 1431.9 | 1549.9 | 1670.4 | 1803.5 | 1859.3 | 1887.2 | 1850.5 | 1711.0 | 1515.6 | 1297.5 |
| 35°    | 1253.1 | 1366.0 | 1489.0 | 1614.6 | 1746.5 | 1788.3 | 1804.8 | 1714.8 | 1535.9 | 1283.5 | 1066.7 |
| 37.5°  | 1182.1 | 1294.9 | 1426.9 | 1555.0 | 1683.0 | 1705.9 | 1689.4 | 1548.6 | 1321.6 | 1071.7 | 859.9  |
| 40°    | 1098.4 | 1218.8 | 1348.2 | 1491.5 | 1596.8 | 1603.1 | 1562.6 | 1379.9 | 1098.4 | 863.7  | 733.1  |
| 42.5°  | 1021.0 | 1142.7 | 1272.1 | 1418.0 | 1497.9 | 1476.3 | 1421.8 | 1182.1 | 917.0  | 744.5  | 639.2  |
| 45°    | 941.1  | 1056.5 | 1196.0 | 1325.4 | 1382.5 | 1331.7 | 1249.3 | 994.4  | 769.9  | 640.5  | 559.3  |
| 47.5°  | 863.7  | 971.5  | 1109.8 | 1234.1 | 1244.2 | 1187.1 | 1089.5 | 833.3  | 667.1  | 563.1  | 497.2  |
| 50°    | 787.6  | 895.4  | 1024.8 | 1127.5 | 1117.4 | 1038.7 | 928.4  | 724.2  | 579.6  | 497.2  | 442.6  |
| 52.5°  | 711.5  | 809.2  | 934.7  | 1015.9 | 972.8  | 896.7  | 787.6  | 613.9  | 506.1  | 433.8  | 391.9  |
| 55°    | 635.4  | 726.7  | 834.5  | 901.8  | 833.3  | 745.8  | 668.4  | 526.3  | 438.8  | 380.5  | 348.8  |
| 57.5°  | 572.0  | 644.3  | 743.2  | 783.8  | 701.4  | 632.9  | 565.7  | 452.8  | 380.5  | 338.6  | 301.9  |
| 60°    | 502.3  | 568.2  | 649.4  | 673.5  | 588.5  | 532.7  | 475.6  | 383.0  | 326.0  | 289.2  | 265.1  |
| 62.5°  | 442.6  | 497.2  | 559.3  | 559.3  | 484.5  | 442.6  | 399.5  | 320.9  | 274.0  | 244.8  | 233.4  |
| 65°    | 384.3  | 423.6  | 468.0  | 462.9  | 399.5  | 362.7  | 328.5  | 265.1  | 229.6  | 209.3  | 197.9  |
| 67.5°  | 327.2  | 357.7  | 386.8  | 369.1  | 323.4  | 291.7  | 260.0  | 214.3  | 190.2  | 176.3  | 161.1  |
| 70°    | 275.2  | 299.3  | 314.5  | 298.1  | 252.4  | 225.8  | 202.9  | 172.5  | 153.5  | 135.7  | 126.8  |
| 72.5°  | 230.8  | 241.0  | 246.1  | 225.8  | 187.7  | 172.5  | 156.0  | 134.4  | 118.0  | 109.1  | 106.5  |
| 75°    | 180.1  | 189.0  | 185.2  | 170.0  | 138.2  | 126.8  | 114.1  | 98.9   | 95.1   | 90.1   | 87.5   |
| 77.5°  | 140.8  | 140.8  | 134.4  | 120.5  | 98.9   | 90.1   | 85.0   | 77.4   | 73.6   | 72.3   | 69.8   |
| 80°    | 100.2  | 98.9   | 95.1   | 79.9   | 67.2   | 62.1   | 62.1   | 57.1   | 55.8   | 53.3   | 53.3   |
| 82.5°  | 66.0   | 66.0   | 60.9   | 48.2   | 44.4   | 43.1   | 41.9   | 39.3   | 39.3   | 38.0   | 38.0   |
| 85°    | 39.3   | 36.8   | 30.4   | 26.6   | 25.4   | 25.4   | 24.1   | 22.8   | 24.1   | 22.8   | 22.8   |
| 87.5°  | 17.8   | 14.0   | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   |
| 90°    | 1.1    | 4.1    | 7.1    | 10.0   | 13.0   | 14.5   | 17.2   | 22.7   | 28.2   | 33.6   | 39.1   |
| 92.5°  | 24.6   | 26.6   | 28.6   | 30.5   | 32.5   | 33.5   | 33.6   | 33.9   | 34.1   | 34.4   | 34.6   |
| 95°    | 58.0   | 60.5   | 63.0   | 65.5   | 68.0   | 69.2   | 69.4   | 69.9   | 70.4   | 70.9   | 71.4   |
| 97.5°  | 97.1   | 99.3   | 101.6  | 103.8  | 106.1  | 107.2  | 107.7  | 108.7  | 109.6  | 110.6  | 111.6  |
| 100°   | 141.8  | 143.8  | 145.8  | 147.7  | 149.7  | 150.7  | 151.1  | 151.8  | 152.5  | 153.3  | 154.0  |
| 102.5° | 188.6  | 190.1  | 191.6  | 193.1  | 194.6  | 195.3  | 195.8  | 196.8  | 197.8  | 198.8  | 199.8  |
| 105°   | 240.0  | 240.7  | 241.5  | 242.2  | 242.9  | 243.3  | 243.6  | 244.1  | 244.6  | 245.1  | 245.6  |
| 107.5° | 291.3  | 292.3  | 293.3  | 294.3  | 295.3  | 295.8  | 295.8  | 295.8  | 295.8  | 295.8  | 295.8  |
| 110°   | 340.5  | 342.0  | 343.5  | 345.0  | 346.5  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 394.0  | 395.5  | 397.0  | 398.5  | 400.0  | 400.7  | 400.6  | 400.3  | 400.1  | 399.8  | 399.6  |
| 115°   | 446.5  | 448.0  | 449.5  | 451.0  | 452.5  | 453.2  | 453.0  | 452.5  | 452.0  | 451.5  | 451.0  |
| 117.5° | 499.0  | 501.0  | 503.0  | 504.9  | 506.9  | 507.9  | 507.3  | 506.0  | 504.8  | 503.5  | 502.3  |
| 120°   | 551.4  | 553.4  | 555.4  | 557.4  | 559.4  | 560.4  | 559.4  | 557.4  | 555.4  | 553.4  | 551.4  |
| 122.5° | 599.4  | 601.9  | 604.4  | 606.9  | 609.4  | 610.6  | 610.0  | 608.7  | 607.5  | 606.2  | 605.0  |
| 125°   | 649.7  | 651.9  | 654.1  | 656.4  | 658.6  | 659.7  | 659.3  | 658.6  | 657.9  | 657.1  | 656.4  |
| 127.5° | 698.8  | 701.5  | 704.3  | 707.0  | 709.7  | 711.1  | 710.6  | 709.6  | 708.6  | 707.6  | 706.6  |
| 130°   | 744.6  | 747.8  | 751.0  | 754.3  | 757.5  | 759.1  | 758.8  | 758.3  | 757.8  | 757.3  | 756.8  |
| 132.5° | 795.9  | 798.4  | 800.9  | 803.4  | 805.9  | 807.1  | 807.2  | 807.5  | 807.7  | 808.0  | 808.2  |
| 135°   | 840.5  | 843.2  | 846.0  | 848.7  | 851.4  | 852.8  | 853.1  | 853.6  | 854.1  | 854.6  | 855.1  |
| 137.5° | 889.7  | 891.9  | 894.1  | 896.4  | 898.6  | 899.7  | 899.9  | 900.4  | 900.9  | 901.4  | 901.9  |
| 140°   | 933.2  | 935.4  | 937.6  | 939.9  | 942.1  | 943.2  | 943.8  | 945.1  | 946.3  | 947.6  | 948.8  |
| 142.5° | 977.9  | 980.1  | 982.3  | 984.6  | 986.8  | 987.9  | 988.3  | 989.0  | 989.7  | 990.5  | 991.2  |
| 145°   | 1020.3 | 1022.0 | 1023.8 | 1025.5 | 1027.2 | 1028.1 | 1028.8 | 1030.3 | 1031.8 | 1033.3 | 1034.8 |
| 147.5° | 1058.2 | 1060.4 | 1062.7 | 1064.9 | 1067.2 | 1068.3 | 1068.8 | 1069.8 | 1070.7 | 1071.7 | 1072.7 |
| 150°   | 1097.3 | 1098.8 | 1100.3 | 1101.8 | 1103.3 | 1104.0 | 1104.5 | 1105.5 | 1106.5 | 1107.5 | 1108.5 |
| 152.5° | 1131.9 | 1133.4 | 1134.9 | 1136.4 | 1137.9 | 1138.6 | 1139.2 | 1140.5 | 1141.7 | 1143.0 | 1144.2 |
| 155°   | 1166.5 | 1167.2 | 1168.0 | 1168.7 | 1169.4 | 1169.8 | 1170.2 | 1170.9 | 1171.7 | 1172.4 | 1173.2 |
| 157.5° | 1196.6 | 1197.1 | 1197.6 | 1198.1 | 1198.6 | 1198.9 | 1199.1 | 1199.6 | 1200.1 | 1200.6 | 1201.1 |
| 160°   | 1223.4 | 1223.9 | 1224.4 | 1224.9 | 1225.4 | 1225.7 | 1225.8 | 1226.1 | 1226.3 | 1226.6 | 1226.8 |
| 162.5° | 1248.0 | 1248.0 | 1248.0 | 1248.0 | 1248.0 | 1248.0 | 1248.1 | 1248.4 | 1248.6 | 1248.9 | 1249.1 |
| 165°   | 1269.2 | 1269.0 | 1268.7 | 1268.5 | 1268.2 | 1268.1 | 1268.1 | 1268.1 | 1268.1 | 1268.1 | 1268.1 |
| 167.5° | 1288.2 | 1287.4 | 1286.7 | 1285.9 | 1285.2 | 1284.8 | 1284.8 | 1284.8 | 1284.8 | 1284.8 | 1284.8 |
| 170°   | 1302.7 | 1301.9 | 1301.2 | 1300.4 | 1299.7 | 1299.3 | 1299.2 | 1298.9 | 1298.7 | 1298.4 | 1298.2 |
| 172.5° | 1312.7 | 1312.0 | 1311.2 | 1310.5 | 1309.8 | 1309.4 | 1309.3 | 1309.0 | 1308.8 | 1308.5 | 1308.3 |
| 175°   | 1320.5 | 1319.8 | 1319.0 | 1318.3 | 1317.6 | 1317.2 | 1317.0 | 1316.5 | 1316.0 | 1315.5 | 1315.0 |
| 177.5° | 1325.0 | 1324.3 | 1323.5 | 1322.8 | 1322.1 | 1321.7 | 1321.4 | 1320.9 | 1320.4 | 1319.9 | 1319.4 |
| 180°   | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 |
| 2.5°   | 1889.8 | 1892.3 | 1896.1 | 1913.9 | 1916.4 | 1921.5 | 1919.0 | 1919.0 | 1920.2 | 1917.7 | 1919.0 |
| 5°     | 1971.0 | 1974.8 | 1993.8 | 2015.3 | 2020.4 | 2015.3 | 2021.7 | 2030.6 | 2030.6 | 2030.6 | 2028.0 |
| 7.5°   | 2047.1 | 2061.0 | 2082.6 | 2114.3 | 2120.6 | 2127.0 | 2138.4 | 2130.8 | 2133.3 | 2144.7 | 2140.9 |
| 10°    | 2120.6 | 2140.9 | 2165.0 | 2191.6 | 2205.6 | 2214.5 | 2219.5 | 2231.0 | 2257.6 | 2227.2 | 2238.6 |
| 12.5°  | 2190.4 | 2219.5 | 2244.9 | 2274.1 | 2284.2 | 2295.6 | 2299.4 | 2309.6 | 2309.6 | 2308.3 | 2317.2 |
| 15°    | 2236.0 | 2262.7 | 2285.5 | 2304.5 | 2307.1 | 2304.5 | 2302.0 | 2303.3 | 2307.1 | 2291.8 | 2300.7 |
| 17.5°  | 2246.2 | 2248.7 | 2256.3 | 2248.7 | 2250.0 | 2223.4 | 2208.1 | 2204.3 | 2168.8 | 2170.1 | 2199.3 |
| 20°    | 2196.7 | 2153.6 | 2142.2 | 2100.3 | 2075.0 | 2006.5 | 2003.9 | 1984.9 | 1910.1 | 1932.9 | 1927.8 |
| 22.5°  | 2061.0 | 1987.4 | 1889.8 | 1841.6 | 1817.5 | 1745.2 | 1689.4 | 1650.1 | 1623.4 | 1596.8 | 1585.4 |
| 25°    | 1882.2 | 1763.0 | 1624.7 | 1529.6 | 1515.6 | 1448.4 | 1345.7 | 1297.5 | 1240.4 | 1222.7 | 1253.1 |
| 27.5°  | 1651.3 | 1496.6 | 1340.6 | 1194.7 | 1168.1 | 1107.2 | 1055.2 | 1021.0 | 955.0  | 951.2  | 953.8  |
| 30°    | 1338.1 | 1182.1 | 1051.4 | 956.3  | 890.4  | 862.5  | 828.2  | 802.8  | 776.2  | 786.4  | 788.9  |
| 32.5°  | 1099.6 | 951.2  | 829.5  | 778.7  | 748.3  | 730.5  | 701.4  | 684.9  | 673.5  | 669.7  | 668.4  |
| 35°    | 873.9  | 774.9  | 720.4  | 670.9  | 653.2  | 640.5  | 618.9  | 611.3  | 601.2  | 602.4  | 602.4  |
| 37.5°  | 748.3  | 665.9  | 625.3  | 599.9  | 583.4  | 577.1  | 563.1  | 555.5  | 549.2  | 546.6  | 550.4  |
| 40°    | 645.6  | 588.5  | 563.1  | 540.3  | 526.3  | 523.8  | 516.2  | 507.3  | 499.7  | 501.0  | 504.8  |
| 42.5°  | 570.7  | 537.8  | 507.3  | 489.6  | 479.4  | 475.6  | 469.3  | 462.9  | 462.9  | 459.1  | 457.9  |
| 45°    | 511.1  | 484.5  | 459.1  | 442.6  | 436.3  | 431.2  | 423.6  | 422.3  | 417.3  | 418.5  | 419.8  |
| 47.5°  | 457.9  | 436.3  | 417.3  | 400.8  | 394.4  | 393.2  | 385.6  | 380.5  | 380.5  | 379.2  | 378.0  |
| 50°    | 409.7  | 388.1  | 371.6  | 362.7  | 353.9  | 351.3  | 350.1  | 348.8  | 346.2  | 346.2  | 347.5  |
| 52.5°  | 370.3  | 348.8  | 336.1  | 328.5  | 323.4  | 320.9  | 320.9  | 319.6  | 319.6  | 319.6  | 318.3  |
| 55°    | 327.2  | 309.5  | 299.3  | 296.8  | 294.2  | 293.0  | 291.7  | 289.2  | 287.9  | 290.4  | 287.9  |
| 57.5°  | 286.6  | 280.3  | 271.4  | 268.9  | 262.5  | 262.5  | 258.7  | 256.2  | 253.7  | 256.2  | 256.2  |
| 60°    | 254.9  | 246.1  | 241.0  | 233.4  | 228.3  | 223.2  | 216.9  | 215.6  | 213.1  | 211.8  | 210.5  |
| 62.5°  | 222.0  | 214.3  | 201.7  | 190.2  | 182.6  | 177.6  | 175.0  | 173.8  | 173.8  | 172.5  | 172.5  |
| 65°    | 185.2  | 167.4  | 161.1  | 157.3  | 156.0  | 154.7  | 152.2  | 150.9  | 152.2  | 150.9  | 152.2  |
| 67.5°  | 144.6  | 142.1  | 138.2  | 135.7  | 134.4  | 133.2  | 133.2  | 131.9  | 131.9  | 131.9  | 131.9  |
| 70°    | 125.6  | 119.2  | 118.0  | 115.4  | 115.4  | 114.1  | 114.1  | 114.1  | 114.1  | 112.9  | 115.4  |
| 72.5°  | 104.0  | 100.2  | 98.9   | 97.7   | 97.7   | 97.7   | 96.4   | 96.4   | 96.4   | 95.1   | 96.4   |
| 75°    | 85.0   | 83.7   | 81.2   | 81.2   | 79.9   | 81.2   | 79.9   | 79.9   | 78.6   | 79.9   | 79.9   |
| 77.5°  | 68.5   | 67.2   | 66.0   | 66.0   | 64.7   | 64.7   | 64.7   | 64.7   | 64.7   | 64.7   | 66.0   |
| 80°    | 52.0   | 50.7   | 49.5   | 50.7   | 49.5   | 50.7   | 49.5   | 49.5   | 50.7   | 49.5   | 49.5   |
| 82.5°  | 38.0   | 36.8   | 36.8   | 35.5   | 35.5   | 35.5   | 35.5   | 35.5   | 35.5   | 35.5   | 35.5   |
| 85°    | 22.8   | 21.6   | 21.6   | 22.8   | 21.6   | 22.8   | 21.6   | 21.6   | 21.6   | 22.8   | 22.8   |
| 87.5°  | 10.1   | 11.4   | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   | 10.1   | 11.4   |
| 90°    | 38.6   | 38.1   | 37.6   | 37.1   | 36.8   | 36.9   | 37.2   | 37.5   | 37.7   | 38.0   | 37.7   |
| 92.5°  | 34.8   | 35.1   | 35.3   | 35.6   | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   |
| 95°    | 71.4   | 71.4   | 71.4   | 71.4   | 71.4   | 71.2   | 70.7   | 70.2   | 69.7   | 69.2   | 69.7   |
| 97.5°  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  |
| 100°   | 154.0  | 154.0  | 154.0  | 154.0  | 154.0  | 153.9  | 153.6  | 153.4  | 153.1  | 152.9  | 153.1  |
| 102.5° | 200.0  | 200.3  | 200.5  | 200.8  | 200.9  | 200.8  | 200.5  | 200.3  | 200.0  | 199.8  | 200.0  |
| 105°   | 246.1  | 246.6  | 247.1  | 247.6  | 247.8  | 247.8  | 247.8  | 247.8  | 247.8  | 247.8  | 247.8  |
| 107.5° | 296.0  | 296.3  | 296.5  | 296.8  | 296.9  | 296.3  | 295.0  | 293.8  | 292.5  | 291.3  | 292.5  |
| 110°   | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 346.8  | 346.1  | 345.3  | 344.6  | 343.8  | 344.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 398.9  | 398.1  | 397.4  | 396.7  | 396.3  | 396.0  | 395.5  | 395.0  | 394.5  | 394.0  | 394.5  |
| 115°   | 450.8  | 450.5  | 450.3  | 450.0  | 449.9  | 449.5  | 448.8  | 448.0  | 447.3  | 446.5  | 447.3  |
| 117.5° | 501.6  | 500.8  | 500.1  | 499.4  | 499.0  | 498.6  | 497.9  | 497.1  | 496.4  | 495.6  | 496.4  |
| 120°   | 551.4  | 551.4  | 551.4  | 551.4  | 551.4  | 551.0  | 550.3  | 549.6  | 548.8  | 548.1  | 548.8  |
| 122.5° | 604.3  | 603.5  | 602.8  | 602.1  | 601.7  | 601.4  | 600.9  | 600.4  | 599.9  | 599.4  | 599.9  |
| 125°   | 655.6  | 654.9  | 654.1  | 653.4  | 653.0  | 652.9  | 652.6  | 652.4  | 652.1  | 651.9  | 652.1  |
| 127.5° | 705.6  | 704.6  | 703.6  | 702.6  | 702.1  | 701.7  | 701.0  | 700.3  | 699.5  | 698.8  | 699.5  |
| 130°   | 756.3  | 755.8  | 755.3  | 754.8  | 754.6  | 754.1  | 753.1  | 752.1  | 751.1  | 750.1  | 751.1  |
| 132.5° | 807.0  | 805.7  | 804.5  | 803.2  | 802.6  | 802.2  | 801.5  | 800.7  | 800.0  | 799.2  | 800.0  |
| 135°   | 854.8  | 854.6  | 854.3  | 854.0  | 853.9  | 853.5  | 852.8  | 852.1  | 851.3  | 850.6  | 851.3  |
| 137.5° | 901.7  | 901.4  | 901.2  | 900.9  | 900.8  | 900.3  | 899.3  | 898.4  | 897.4  | 896.4  | 897.4  |
| 140°   | 948.8  | 948.8  | 948.8  | 948.8  | 948.8  | 948.3  | 947.3  | 946.4  | 945.4  | 944.4  | 945.4  |
| 142.5° | 991.5  | 991.7  | 992.0  | 992.3  | 992.4  | 991.9  | 990.9  | 989.9  | 988.9  | 987.9  | 988.9  |
| 145°   | 1035.0 | 1035.3 | 1035.5 | 1035.8 | 1035.9 | 1035.4 | 1034.4 | 1033.4 | 1032.4 | 1031.4 | 1032.4 |
| 147.5° | 1073.2 | 1073.7 | 1074.2 | 1074.7 | 1075.0 | 1074.5 | 1073.5 | 1072.5 | 1071.5 | 1070.5 | 1071.5 |
| 150°   | 1109.2 | 1110.0 | 1110.7 | 1111.4 | 1111.8 | 1111.4 | 1110.7 | 1110.0 | 1109.2 | 1108.5 | 1109.2 |
| 152.5° | 1145.2 | 1146.2 | 1147.1 | 1148.1 | 1148.6 | 1148.1 | 1147.1 | 1146.2 | 1145.2 | 1144.2 | 1145.2 |
| 155°   | 1174.4 | 1175.7 | 1176.9 | 1178.2 | 1178.8 | 1178.4 | 1177.7 | 1176.9 | 1176.2 | 1175.4 | 1176.2 |
| 157.5° | 1202.8 | 1204.6 | 1206.3 | 1208.0 | 1208.9 | 1208.3 | 1207.0 | 1205.8 | 1204.5 | 1203.3 | 1204.5 |
| 160°   | 1228.3 | 1229.8 | 1231.3 | 1232.8 | 1233.5 | 1233.0 | 1232.0 | 1231.0 | 1230.0 | 1229.0 | 1230.0 |
| 162.5° | 1250.8 | 1252.6 | 1254.3 | 1256.0 | 1256.9 | 1256.3 | 1255.0 | 1253.8 | 1252.5 | 1251.3 | 1252.5 |
| 165°   | 1269.8 | 1271.6 | 1273.3 | 1275.0 | 1275.9 | 1275.3 | 1274.0 | 1272.8 | 1271.5 | 1270.3 | 1271.5 |
| 167.5° | 1286.5 | 1288.3 | 1290.0 | 1291.7 | 1292.6 | 1292.0 | 1290.8 | 1289.5 | 1288.3 | 1287.1 | 1288.3 |
| 170°   | 1299.9 | 1301.7 | 1303.4 | 1305.1 | 1306.0 | 1305.3 | 1303.8 | 1302.3 | 1300.8 | 1299.3 | 1300.8 |
| 172.5° | 1310.0 | 1311.8 | 1313.5 | 1315.2 | 1316.1 | 1315.4 | 1313.9 | 1312.4 | 1310.9 | 1309.4 | 1310.9 |
| 175°   | 1316.7 | 1318.5 | 1320.2 | 1321.9 | 1322.8 | 1322.1 | 1320.6 | 1319.1 | 1317.6 | 1316.1 | 1317.6 |
| 177.5° | 1320.9 | 1322.4 | 1323.9 | 1325.4 | 1326.1 | 1325.4 | 1323.9 | 1322.4 | 1320.9 | 1319.4 | 1320.9 |
| 180°   | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 |
| 2.5°   | 1924.0 | 1915.2 | 1912.6 | 1915.2 | 1912.6 | 1913.9 | 1905.0 | 1872.0 | 1880.9 | 1867.0 | 1874.6 |
| 5°     | 2033.1 | 2025.5 | 2009.0 | 2006.5 | 2003.9 | 2001.4 | 1988.7 | 1959.5 | 1948.1 | 1929.1 | 1927.8 |
| 7.5°   | 2137.1 | 2137.1 | 2124.4 | 2115.5 | 2104.1 | 2095.3 | 2078.8 | 2035.6 | 2017.9 | 1995.1 | 1982.4 |
| 10°    | 2239.8 | 2206.9 | 2220.8 | 2211.9 | 2184.0 | 2179.0 | 2148.5 | 2123.2 | 2088.9 | 2066.1 | 2045.8 |
| 12.5°  | 2313.4 | 2303.3 | 2290.6 | 2283.0 | 2275.4 | 2258.9 | 2238.6 | 2173.9 | 2156.1 | 2110.5 | 2087.6 |
| 15°    | 2310.9 | 2304.5 | 2308.3 | 2308.3 | 2305.8 | 2302.0 | 2285.5 | 2238.6 | 2208.1 | 2163.7 | 2124.4 |
| 17.5°  | 2186.6 | 2203.1 | 2219.5 | 2231.0 | 2256.3 | 2267.7 | 2283.0 | 2255.1 | 2236.0 | 2198.0 | 2156.1 |
| 20°    | 1969.7 | 2010.3 | 2058.5 | 2068.6 | 2091.4 | 2158.7 | 2189.1 | 2213.2 | 2220.8 | 2208.1 | 2173.9 |
| 22.5°  | 1667.8 | 1702.1 | 1818.8 | 1816.2 | 1849.2 | 1929.1 | 2017.9 | 2090.2 | 2147.3 | 2179.0 | 2166.3 |
| 25°    | 1306.4 | 1354.6 | 1416.7 | 1463.6 | 1571.4 | 1690.7 | 1801.0 | 1916.4 | 2015.3 | 2102.9 | 2124.4 |
| 27.5°  | 988.0  | 1051.4 | 1100.9 | 1163.0 | 1217.6 | 1358.4 | 1500.4 | 1680.5 | 1795.9 | 1962.1 | 2048.3 |
| 30°    | 799.0  | 828.2  | 877.7  | 906.8  | 933.5  | 1041.3 | 1202.4 | 1379.9 | 1582.9 | 1774.4 | 1922.8 |
| 32.5°  | 682.4  | 702.6  | 739.4  | 752.1  | 780.0  | 852.3  | 953.8  | 1116.1 | 1325.4 | 1557.5 | 1752.8 |
| 35°    | 612.6  | 634.2  | 641.8  | 653.2  | 676.0  | 721.7  | 791.4  | 909.4  | 1098.4 | 1325.4 | 1558.8 |
| 37.5°  | 553.0  | 564.4  | 586.0  | 593.6  | 601.2  | 635.4  | 682.4  | 764.8  | 890.4  | 1076.8 | 1335.5 |
| 40°    | 511.1  | 517.5  | 528.9  | 535.2  | 540.3  | 564.4  | 606.3  | 662.1  | 754.6  | 896.7  | 1135.1 |
| 42.5°  | 466.7  | 474.3  | 482.0  | 489.6  | 495.9  | 514.9  | 540.3  | 593.6  | 655.7  | 763.5  | 936.0  |
| 45°    | 423.6  | 428.7  | 437.6  | 442.6  | 451.5  | 466.7  | 489.6  | 526.3  | 582.2  | 650.6  | 790.2  |
| 47.5°  | 384.3  | 390.6  | 394.4  | 400.8  | 407.1  | 423.6  | 445.2  | 469.3  | 514.9  | 582.2  | 683.6  |
| 50°    | 348.8  | 356.4  | 361.5  | 362.7  | 367.8  | 383.0  | 400.8  | 427.4  | 456.6  | 508.6  | 597.4  |
| 52.5°  | 323.4  | 324.7  | 328.5  | 333.6  | 332.3  | 341.2  | 357.7  | 378.0  | 408.4  | 450.3  | 514.9  |
| 55°    | 294.2  | 298.1  | 300.6  | 301.9  | 301.9  | 309.5  | 318.3  | 337.4  | 361.5  | 395.7  | 450.3  |
| 57.5°  | 257.5  | 261.3  | 268.9  | 271.4  | 275.2  | 279.0  | 282.8  | 295.5  | 315.8  | 348.8  | 393.2  |
| 60°    | 219.4  | 222.0  | 229.6  | 234.6  | 237.2  | 247.3  | 252.4  | 262.5  | 274.0  | 298.1  | 339.9  |
| 62.5°  | 176.3  | 178.8  | 182.6  | 187.7  | 192.8  | 208.0  | 220.7  | 230.8  | 239.7  | 256.2  | 290.4  |
| 65°    | 153.5  | 154.7  | 157.3  | 158.5  | 159.8  | 166.1  | 177.6  | 191.5  | 208.0  | 220.7  | 241.0  |
| 67.5°  | 133.2  | 134.4  | 135.7  | 138.2  | 139.5  | 140.8  | 145.9  | 149.7  | 166.1  | 183.9  | 199.1  |
| 70°    | 114.1  | 116.7  | 118.0  | 118.0  | 119.2  | 121.8  | 124.3  | 129.4  | 134.4  | 143.3  | 162.3  |
| 72.5°  | 96.4   | 97.7   | 100.2  | 100.2  | 100.2  | 102.7  | 105.3  | 107.8  | 110.3  | 115.4  | 123.0  |
| 75°    | 79.9   | 82.4   | 82.4   | 82.4   | 83.7   | 83.7   | 86.2   | 88.8   | 91.3   | 95.1   | 97.7   |
| 77.5°  | 66.0   | 66.0   | 66.0   | 66.0   | 67.2   | 67.2   | 68.5   | 71.0   | 72.3   | 73.6   | 76.1   |
| 80°    | 49.5   | 50.7   | 50.7   | 50.7   | 52.0   | 52.0   | 52.0   | 54.5   | 55.8   | 55.8   | 58.3   |
| 82.5°  | 36.8   | 36.8   | 36.8   | 38.0   | 36.8   | 38.0   | 38.0   | 39.3   | 38.0   | 39.3   | 40.6   |
| 85°    | 22.8   | 22.8   | 22.8   | 24.1   | 24.1   | 24.1   | 24.1   | 24.1   | 24.1   | 24.1   | 25.4   |
| 87.5°  | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 11.4   | 12.7   | 11.4   | 11.4   |
| 90°    | 37.5   | 37.2   | 36.9   | 36.8   | 37.1   | 37.6   | 38.1   | 38.6   | 39.1   | 33.6   | 28.2   |
| 92.5°  | 35.7   | 35.7   | 35.7   | 35.7   | 35.6   | 35.3   | 35.1   | 34.8   | 34.6   | 34.4   | 34.1   |
| 95°    | 70.2   | 70.7   | 71.2   | 71.4   | 71.4   | 71.4   | 71.4   | 71.4   | 71.4   | 70.9   | 70.4   |
| 97.5°  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 110.6  | 109.6  |
| 100°   | 153.4  | 153.6  | 153.9  | 154.0  | 154.0  | 154.0  | 154.0  | 154.0  | 154.0  | 153.3  | 152.5  |
| 102.5° | 200.3  | 200.5  | 200.8  | 200.9  | 200.8  | 200.5  | 200.3  | 200.0  | 199.8  | 198.8  | 197.8  |
| 105°   | 247.8  | 247.8  | 247.8  | 247.8  | 247.6  | 247.1  | 246.6  | 246.1  | 245.6  | 245.1  | 244.6  |
| 107.5° | 293.8  | 295.0  | 296.3  | 296.9  | 296.8  | 296.5  | 296.3  | 296.0  | 295.8  | 295.8  | 295.8  |
| 110°   | 345.3  | 346.1  | 346.8  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 395.0  | 395.5  | 396.0  | 396.3  | 396.7  | 397.4  | 398.1  | 398.9  | 399.6  | 399.8  | 400.1  |
| 115°   | 448.0  | 448.8  | 449.5  | 449.9  | 450.0  | 450.3  | 450.5  | 450.8  | 451.0  | 451.5  | 452.0  |
| 117.5° | 497.1  | 497.9  | 498.6  | 499.0  | 499.4  | 500.1  | 500.8  | 501.6  | 502.3  | 503.5  | 504.8  |
| 120°   | 549.6  | 550.3  | 551.0  | 551.4  | 551.4  | 551.4  | 551.4  | 551.4  | 551.4  | 553.4  | 555.4  |
| 122.5° | 600.4  | 600.9  | 601.4  | 601.7  | 602.1  | 602.8  | 603.5  | 604.3  | 605.0  | 606.2  | 607.5  |
| 125°   | 652.4  | 652.6  | 652.9  | 653.0  | 653.4  | 654.1  | 654.9  | 655.6  | 656.4  | 657.1  | 657.9  |
| 127.5° | 700.3  | 701.0  | 701.7  | 702.1  | 702.6  | 703.6  | 704.6  | 705.6  | 706.6  | 707.6  | 708.6  |
| 130°   | 752.1  | 753.1  | 754.1  | 754.6  | 754.8  | 755.3  | 755.8  | 756.3  | 756.8  | 757.3  | 757.8  |
| 132.5° | 800.7  | 801.5  | 802.2  | 802.6  | 803.2  | 804.5  | 805.7  | 807.0  | 808.2  | 808.0  | 807.7  |
| 135°   | 852.1  | 852.8  | 853.5  | 853.9  | 854.0  | 854.3  | 854.6  | 854.8  | 855.1  | 854.6  | 854.1  |
| 137.5° | 898.4  | 899.3  | 900.3  | 900.8  | 900.9  | 901.2  | 901.4  | 901.7  | 901.9  | 901.4  | 900.9  |
| 140°   | 946.4  | 947.3  | 948.3  | 948.8  | 948.8  | 948.8  | 948.8  | 948.8  | 948.8  | 947.6  | 946.3  |
| 142.5° | 989.9  | 990.9  | 991.9  | 992.4  | 992.3  | 992.0  | 991.7  | 991.5  | 991.2  | 990.5  | 989.7  |
| 145°   | 1033.4 | 1034.4 | 1035.4 | 1035.9 | 1035.8 | 1035.5 | 1035.3 | 1035.0 | 1034.8 | 1033.3 | 1031.8 |
| 147.5° | 1072.5 | 1073.5 | 1074.5 | 1075.0 | 1074.7 | 1074.2 | 1073.7 | 1073.2 | 1072.7 | 1071.7 | 1070.7 |
| 150°   | 1110.0 | 1110.7 | 1111.4 | 1111.8 | 1111.4 | 1110.7 | 1110.0 | 1109.2 | 1108.5 | 1107.5 | 1106.5 |
| 152.5° | 1146.2 | 1147.1 | 1148.1 | 1148.6 | 1148.1 | 1147.1 | 1146.2 | 1145.2 | 1144.2 | 1143.0 | 1141.7 |
| 155°   | 1176.9 | 1177.7 | 1178.4 | 1178.8 | 1178.2 | 1176.9 | 1175.7 | 1174.4 | 1173.2 | 1172.4 | 1171.7 |
| 157.5° | 1205.8 | 1207.0 | 1208.3 | 1208.9 | 1208.0 | 1206.3 | 1204.6 | 1202.8 | 1201.1 | 1200.6 | 1200.1 |
| 160°   | 1231.0 | 1232.0 | 1233.0 | 1233.5 | 1232.8 | 1231.3 | 1229.8 | 1228.3 | 1226.8 | 1226.6 | 1226.3 |
| 162.5° | 1253.8 | 1255.0 | 1256.3 | 1256.9 | 1256.0 | 1254.3 | 1252.6 | 1250.8 | 1249.1 | 1248.9 | 1248.6 |
| 165°   | 1272.8 | 1274.0 | 1275.3 | 1275.9 | 1275.0 | 1273.3 | 1271.6 | 1269.8 | 1268.1 | 1268.1 | 1268.1 |
| 167.5° | 1289.5 | 1290.8 | 1292.0 | 1292.6 | 1291.7 | 1290.0 | 1288.3 | 1286.5 | 1284.8 | 1284.8 | 1284.8 |
| 170°   | 1302.3 | 1303.8 | 1305.3 | 1306.0 | 1305.1 | 1303.4 | 1301.7 | 1299.9 | 1298.2 | 1298.4 | 1298.7 |
| 172.5° | 1312.4 | 1313.9 | 1315.4 | 1316.1 | 1315.2 | 1313.5 | 1311.8 | 1310.0 | 1308.3 | 1308.5 | 1308.8 |
| 175°   | 1319.1 | 1320.6 | 1322.1 | 1322.8 | 1321.9 | 1320.2 | 1318.5 | 1316.7 | 1315.0 | 1315.5 | 1316.0 |
| 177.5° | 1322.4 | 1323.9 | 1325.4 | 1326.1 | 1325.4 | 1323.9 | 1322.4 | 1320.9 | 1319.4 | 1319.9 | 1320.4 |
| 180°   | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 |
| 2.5°   | 1863.1 | 1856.8 | 1856.8 | 1853.0 | 1853.0 | 1832.7 | 1832.7 | 1839.1 | 1831.4 | 1822.6 | 1809.9 |
| 5°     | 1911.3 | 1897.4 | 1893.6 | 1888.5 | 1872.0 | 1846.7 | 1836.5 | 1832.7 | 1817.5 | 1798.5 | 1776.9 |
| 7.5°   | 1957.0 | 1934.2 | 1922.8 | 1911.3 | 1889.8 | 1854.3 | 1834.0 | 1820.0 | 1797.2 | 1768.0 | 1740.1 |
| 10°    | 2001.4 | 1972.2 | 1943.1 | 1929.1 | 1898.7 | 1854.3 | 1825.1 | 1802.3 | 1769.3 | 1730.0 | 1690.7 |
| 12.5°  | 2042.0 | 1981.1 | 1976.0 | 1948.1 | 1903.7 | 1853.0 | 1808.6 | 1775.6 | 1733.8 | 1688.1 | 1642.5 |
| 15°    | 2077.5 | 2015.3 | 1984.9 | 1959.5 | 1901.2 | 1837.8 | 1790.9 | 1750.3 | 1694.5 | 1642.5 | 1586.7 |
| 17.5°  | 2095.3 | 2028.0 | 2007.7 | 1965.9 | 1906.3 | 1823.8 | 1760.4 | 1711.0 | 1650.1 | 1587.9 | 1524.5 |
| 20°    | 2113.0 | 2034.4 | 2001.4 | 1972.2 | 1891.1 | 1797.2 | 1726.2 | 1669.1 | 1601.9 | 1528.3 | 1458.6 |
| 22.5°  | 2121.9 | 2034.4 | 1995.1 | 1954.5 | 1875.8 | 1768.0 | 1684.3 | 1617.1 | 1538.5 | 1463.6 | 1379.9 |
| 25°    | 2106.7 | 2026.8 | 1979.8 | 1938.0 | 1849.2 | 1732.5 | 1636.1 | 1560.0 | 1476.3 | 1391.3 | 1306.4 |
| 27.5°  | 2068.6 | 2009.0 | 1954.5 | 1911.3 | 1812.4 | 1686.9 | 1585.4 | 1499.1 | 1412.9 | 1317.8 | 1231.5 |
| 30°    | 1997.6 | 1971.0 | 1927.8 | 1879.6 | 1771.8 | 1646.3 | 1525.8 | 1437.0 | 1341.9 | 1246.8 | 1156.7 |
| 32.5°  | 1887.2 | 1910.1 | 1882.2 | 1840.3 | 1723.6 | 1590.5 | 1462.4 | 1372.3 | 1268.3 | 1165.6 | 1083.1 |
| 35°    | 1752.8 | 1834.0 | 1818.8 | 1789.6 | 1672.9 | 1530.9 | 1402.8 | 1293.7 | 1189.7 | 1085.7 | 1003.2 |
| 37.5°  | 1605.7 | 1728.7 | 1741.4 | 1723.6 | 1614.6 | 1470.0 | 1329.2 | 1222.7 | 1116.1 | 1010.8 | 927.1  |
| 40°    | 1404.0 | 1593.0 | 1633.6 | 1641.2 | 1553.7 | 1396.4 | 1249.3 | 1145.3 | 1040.0 | 937.3  | 835.8  |
| 42.5°  | 1218.8 | 1457.3 | 1508.0 | 1539.7 | 1476.3 | 1324.1 | 1175.7 | 1060.3 | 956.3  | 863.7  | 762.3  |
| 45°    | 1045.1 | 1293.7 | 1376.1 | 1416.7 | 1388.8 | 1241.7 | 1088.2 | 980.4  | 885.3  | 800.3  | 702.6  |
| 47.5°  | 866.3  | 1116.1 | 1231.5 | 1296.2 | 1296.2 | 1158.0 | 1004.5 | 898.0  | 806.6  | 734.4  | 648.1  |
| 50°    | 747.0  | 955.0  | 1074.3 | 1159.2 | 1182.1 | 1073.0 | 928.4  | 824.4  | 738.2  | 659.5  | 593.6  |
| 52.5°  | 636.7  | 823.1  | 922.1  | 1010.8 | 1076.8 | 981.7  | 843.4  | 749.6  | 664.6  | 591.0  | 539.0  |
| 55°    | 550.4  | 690.0  | 780.0  | 877.7  | 951.2  | 889.1  | 761.0  | 669.7  | 596.1  | 535.2  | 490.8  |
| 57.5°  | 468.0  | 589.8  | 663.3  | 749.6  | 828.2  | 781.3  | 678.5  | 599.9  | 535.2  | 482.0  | 442.6  |
| 60°    | 398.2  | 497.2  | 554.3  | 621.5  | 719.1  | 686.2  | 601.2  | 528.9  | 476.9  | 428.7  | 395.7  |
| 62.5°  | 338.6  | 417.3  | 465.5  | 513.7  | 602.4  | 587.2  | 521.3  | 465.5  | 421.1  | 380.5  | 352.6  |
| 65°    | 277.8  | 342.4  | 380.5  | 422.3  | 493.4  | 499.7  | 446.4  | 407.1  | 366.5  | 331.0  | 305.7  |
| 67.5°  | 224.5  | 275.2  | 309.5  | 345.0  | 402.1  | 419.8  | 383.0  | 350.1  | 315.8  | 286.6  | 263.8  |
| 70°    | 181.4  | 216.9  | 242.2  | 270.2  | 317.1  | 338.6  | 319.6  | 296.8  | 268.9  | 244.8  | 224.5  |
| 72.5°  | 143.3  | 166.1  | 181.4  | 202.9  | 241.0  | 262.5  | 261.3  | 241.0  | 220.7  | 204.2  | 187.7  |
| 75°    | 105.3  | 123.0  | 135.7  | 149.7  | 180.1  | 200.4  | 205.5  | 196.6  | 176.3  | 163.6  | 150.9  |
| 77.5°  | 79.9   | 90.1   | 96.4   | 106.5  | 128.1  | 145.9  | 153.5  | 150.9  | 137.0  | 126.8  | 118.0  |
| 80°    | 60.9   | 63.4   | 66.0   | 69.8   | 87.5   | 104.0  | 109.1  | 107.8  | 100.2  | 96.4   | 86.2   |
| 82.5°  | 43.1   | 44.4   | 45.7   | 46.9   | 53.3   | 67.2   | 72.3   | 74.8   | 68.5   | 64.7   | 55.8   |
| 85°    | 25.4   | 26.6   | 26.6   | 29.2   | 30.4   | 34.2   | 43.1   | 43.1   | 41.9   | 36.8   | 35.5   |
| 87.5°  | 12.7   | 12.7   | 11.4   | 11.4   | 12.7   | 14.0   | 16.5   | 19.0   | 16.5   | 15.2   | 14.0   |
| 90°    | 22.7   | 17.2   | 14.5   | 13.0   | 10.0   | 7.1    | 4.1    | 1.1    | 4.1    | 7.1    | 10.0   |
| 92.5°  | 33.9   | 33.6   | 33.5   | 32.5   | 30.5   | 28.6   | 26.6   | 24.6   | 26.6   | 28.6   | 30.5   |
| 95°    | 69.9   | 69.4   | 69.2   | 68.0   | 65.5   | 63.0   | 60.5   | 58.0   | 60.5   | 63.0   | 65.5   |
| 97.5°  | 108.7  | 107.7  | 107.2  | 106.1  | 103.8  | 101.6  | 99.3   | 97.1   | 99.3   | 101.6  | 103.8  |
| 100°   | 151.8  | 151.1  | 150.7  | 149.7  | 147.7  | 145.8  | 143.8  | 141.8  | 143.8  | 145.8  | 147.7  |
| 102.5° | 196.8  | 195.8  | 195.3  | 194.6  | 193.1  | 191.6  | 190.1  | 188.6  | 190.1  | 191.6  | 193.1  |
| 105°   | 244.1  | 243.6  | 243.3  | 242.9  | 242.2  | 241.5  | 240.7  | 240.0  | 240.7  | 241.5  | 242.2  |
| 107.5° | 295.8  | 295.8  | 295.8  | 295.3  | 294.3  | 293.3  | 292.3  | 291.3  | 292.3  | 293.3  | 294.3  |
| 110°   | 347.2  | 347.2  | 347.2  | 346.5  | 345.0  | 343.5  | 342.0  | 340.5  | 342.0  | 343.5  | 345.0  |

TEST NUMBER: P1010269

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 400.3  | 400.6  | 400.7  | 400.0  | 398.5  | 397.0  | 395.5  | 394.0  | 395.5  | 397.0  | 398.5  |
| 115°   | 452.5  | 453.0  | 453.2  | 452.5  | 451.0  | 449.5  | 448.0  | 446.5  | 448.0  | 449.5  | 451.0  |
| 117.5° | 506.0  | 507.3  | 507.9  | 506.9  | 504.9  | 503.0  | 501.0  | 499.0  | 501.0  | 503.0  | 504.9  |
| 120°   | 557.4  | 559.4  | 560.4  | 559.4  | 557.4  | 555.4  | 553.4  | 551.4  | 553.4  | 555.4  | 557.4  |
| 122.5° | 608.7  | 610.0  | 610.6  | 609.4  | 606.9  | 604.4  | 601.9  | 599.4  | 601.9  | 604.4  | 606.9  |
| 125°   | 658.6  | 659.3  | 659.7  | 658.6  | 656.4  | 654.1  | 651.9  | 649.7  | 651.9  | 654.1  | 656.4  |
| 127.5° | 709.6  | 710.6  | 711.1  | 709.7  | 707.0  | 704.3  | 701.5  | 698.8  | 701.5  | 704.3  | 707.0  |
| 130°   | 758.3  | 758.8  | 759.1  | 757.5  | 754.3  | 751.0  | 747.8  | 744.6  | 747.8  | 751.0  | 754.3  |
| 132.5° | 807.5  | 807.2  | 807.1  | 805.9  | 803.4  | 800.9  | 798.4  | 795.9  | 798.4  | 800.9  | 803.4  |
| 135°   | 853.6  | 853.1  | 852.8  | 851.4  | 848.7  | 846.0  | 843.2  | 840.5  | 843.2  | 846.0  | 848.7  |
| 137.5° | 900.4  | 899.9  | 899.7  | 898.6  | 896.4  | 894.1  | 891.9  | 889.7  | 891.9  | 894.1  | 896.4  |
| 140°   | 945.1  | 943.8  | 943.2  | 942.1  | 939.9  | 937.6  | 935.4  | 933.2  | 935.4  | 937.6  | 939.9  |
| 142.5° | 989.0  | 988.3  | 987.9  | 986.8  | 984.6  | 982.3  | 980.1  | 977.9  | 980.1  | 982.3  | 984.6  |
| 145°   | 1030.3 | 1028.8 | 1028.1 | 1027.2 | 1025.5 | 1023.8 | 1022.0 | 1020.3 | 1022.0 | 1023.8 | 1025.5 |
| 147.5° | 1069.8 | 1068.8 | 1068.3 | 1067.2 | 1064.9 | 1062.7 | 1060.4 | 1058.2 | 1060.4 | 1062.7 | 1064.9 |
| 150°   | 1105.5 | 1104.5 | 1104.0 | 1103.3 | 1101.8 | 1100.3 | 1098.8 | 1097.3 | 1098.8 | 1100.3 | 1101.8 |
| 152.5° | 1140.5 | 1139.2 | 1138.6 | 1137.9 | 1136.4 | 1134.9 | 1133.4 | 1131.9 | 1133.4 | 1134.9 | 1136.4 |
| 155°   | 1170.9 | 1170.2 | 1169.8 | 1169.4 | 1168.7 | 1168.0 | 1167.2 | 1166.5 | 1167.2 | 1168.0 | 1168.7 |
| 157.5° | 1199.6 | 1199.1 | 1198.9 | 1198.6 | 1198.1 | 1197.6 | 1197.1 | 1196.6 | 1197.1 | 1197.6 | 1198.1 |
| 160°   | 1226.1 | 1225.8 | 1225.7 | 1225.4 | 1224.9 | 1224.4 | 1223.9 | 1223.4 | 1223.9 | 1224.4 | 1224.9 |
| 162.5° | 1248.4 | 1248.1 | 1248.0 | 1248.0 | 1248.0 | 1248.0 | 1248.0 | 1248.0 | 1248.0 | 1248.0 | 1248.0 |
| 165°   | 1268.1 | 1268.1 | 1268.1 | 1268.2 | 1268.5 | 1268.7 | 1269.0 | 1269.2 | 1269.0 | 1268.7 | 1268.5 |
| 167.5° | 1284.8 | 1284.8 | 1284.8 | 1285.2 | 1285.9 | 1286.7 | 1287.4 | 1288.2 | 1287.4 | 1286.7 | 1285.9 |
| 170°   | 1298.9 | 1299.2 | 1299.3 | 1299.7 | 1300.4 | 1301.2 | 1301.9 | 1302.7 | 1301.9 | 1301.2 | 1300.4 |
| 172.5° | 1309.0 | 1309.3 | 1309.4 | 1309.8 | 1310.5 | 1311.2 | 1312.0 | 1312.7 | 1312.0 | 1311.2 | 1310.5 |
| 175°   | 1316.5 | 1317.0 | 1317.2 | 1317.6 | 1318.3 | 1319.0 | 1319.8 | 1320.5 | 1319.8 | 1319.0 | 1318.3 |
| 177.5° | 1320.9 | 1321.4 | 1321.7 | 1322.1 | 1322.8 | 1323.5 | 1324.3 | 1325.0 | 1324.3 | 1323.5 | 1322.8 |
| 180°   | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 |

TEST NUMBER: P1010269

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 |
| 2.5°   | 1804.8 | 1806.1 | 1809.9 | 1798.5 | 1780.7 | 1773.1 | 1750.3 | 1746.5 | 1742.7 | 1742.7 | 1746.5 |
| 5°     | 1764.2 | 1759.1 | 1760.4 | 1738.9 | 1713.5 | 1698.3 | 1666.6 | 1671.6 | 1655.1 | 1645.0 | 1647.5 |
| 7.5°   | 1719.8 | 1705.9 | 1704.6 | 1676.7 | 1645.0 | 1617.1 | 1584.1 | 1576.5 | 1561.3 | 1543.5 | 1535.9 |
| 10°    | 1664.0 | 1653.9 | 1634.9 | 1603.1 | 1562.6 | 1539.7 | 1495.3 | 1468.7 | 1464.9 | 1438.3 | 1428.1 |
| 12.5°  | 1607.0 | 1589.2 | 1570.2 | 1525.8 | 1480.1 | 1443.3 | 1410.4 | 1381.2 | 1360.9 | 1338.1 | 1322.8 |
| 15°    | 1541.0 | 1519.4 | 1497.9 | 1450.9 | 1397.7 | 1360.9 | 1311.4 | 1268.3 | 1208.7 | 1161.8 | 1135.1 |
| 17.5°  | 1468.7 | 1444.6 | 1415.4 | 1363.4 | 1311.4 | 1260.7 | 1169.4 | 1118.7 | 1076.8 | 1048.9 | 1032.4 |
| 20°    | 1393.9 | 1367.2 | 1338.1 | 1286.1 | 1196.0 | 1107.2 | 1056.5 | 1017.2 | 991.8  | 963.9  | 943.6  |
| 22.5°  | 1315.2 | 1287.3 | 1255.6 | 1174.5 | 1079.3 | 1017.2 | 977.9  | 941.1  | 904.3  | 889.1  | 878.9  |
| 25°    | 1241.7 | 1216.3 | 1175.7 | 1065.4 | 990.6  | 933.5  | 889.1  | 865.0  | 846.0  | 825.7  | 806.6  |
| 27.5°  | 1165.6 | 1118.7 | 1061.6 | 969.0  | 922.1  | 863.7  | 832.0  | 814.3  | 781.3  | 767.3  | 758.5  |
| 30°    | 1074.3 | 1022.3 | 967.7  | 901.8  | 847.2  | 806.6  | 777.5  | 748.3  | 729.3  | 715.3  | 700.1  |
| 32.5°  | 981.7  | 932.2  | 898.0  | 829.5  | 788.9  | 747.0  | 719.1  | 701.4  | 673.5  | 664.6  | 658.3  |
| 35°    | 901.8  | 859.9  | 829.5  | 773.7  | 735.6  | 697.6  | 677.3  | 650.6  | 632.9  | 616.4  | 606.3  |
| 37.5°  | 823.1  | 800.3  | 768.6  | 721.7  | 681.1  | 650.6  | 622.7  | 613.9  | 589.8  | 580.9  | 570.7  |
| 40°    | 768.6  | 734.4  | 707.7  | 667.1  | 632.9  | 599.9  | 582.2  | 561.9  | 545.4  | 531.4  | 527.6  |
| 42.5°  | 702.6  | 677.3  | 662.1  | 617.7  | 582.2  | 563.1  | 541.6  | 518.7  | 506.1  | 494.6  | 480.7  |
| 45°    | 653.2  | 630.4  | 608.8  | 573.3  | 541.6  | 517.5  | 498.4  | 483.2  | 461.7  | 456.6  | 435.0  |
| 47.5°  | 601.2  | 578.4  | 561.9  | 526.3  | 497.2  | 474.3  | 460.4  | 440.1  | 422.3  | 410.9  | 400.8  |
| 50°    | 549.2  | 530.2  | 514.9  | 484.5  | 459.1  | 435.0  | 416.0  | 395.7  | 388.1  | 369.1  | 362.7  |
| 52.5°  | 499.7  | 487.0  | 470.5  | 441.4  | 416.0  | 395.7  | 375.4  | 358.9  | 347.5  | 337.4  | 329.8  |
| 55°    | 457.9  | 437.6  | 430.0  | 398.2  | 376.7  | 355.1  | 337.4  | 327.2  | 313.3  | 306.9  | 300.6  |
| 57.5°  | 410.9  | 399.5  | 386.8  | 362.7  | 338.6  | 318.3  | 305.7  | 290.4  | 282.8  | 275.2  | 270.2  |
| 60°    | 370.3  | 353.9  | 343.7  | 323.4  | 301.9  | 282.8  | 271.4  | 260.0  | 249.9  | 243.5  | 233.4  |
| 62.5°  | 323.4  | 310.7  | 304.4  | 282.8  | 265.1  | 247.3  | 237.2  | 225.8  | 218.1  | 206.7  | 194.1  |
| 65°    | 282.8  | 272.7  | 265.1  | 247.3  | 230.8  | 214.3  | 204.2  | 190.2  | 180.1  | 173.8  | 172.5  |
| 67.5°  | 247.3  | 239.7  | 228.3  | 211.8  | 195.3  | 182.6  | 171.2  | 159.8  | 158.5  | 156.0  | 156.0  |
| 70°    | 208.0  | 200.4  | 194.1  | 176.3  | 162.3  | 148.4  | 145.9  | 142.1  | 138.2  | 137.0  | 134.4  |
| 72.5°  | 173.8  | 167.4  | 159.8  | 144.6  | 130.6  | 126.8  | 124.3  | 121.8  | 118.0  | 116.7  | 115.4  |
| 75°    | 140.8  | 131.9  | 126.8  | 112.9  | 109.1  | 106.5  | 104.0  | 100.2  | 97.7   | 96.4   | 93.9   |
| 77.5°  | 107.8  | 98.9   | 98.9   | 91.3   | 88.8   | 85.0   | 82.4   | 79.9   | 78.6   | 76.1   | 76.1   |
| 80°    | 76.1   | 76.1   | 73.6   | 69.8   | 66.0   | 64.7   | 60.9   | 59.6   | 58.3   | 59.6   | 57.1   |
| 82.5°  | 55.8   | 50.7   | 50.7   | 48.2   | 45.7   | 44.4   | 41.9   | 41.9   | 40.6   | 40.6   | 40.6   |
| 85°    | 31.7   | 31.7   | 30.4   | 27.9   | 26.6   | 26.6   | 25.4   | 25.4   | 24.1   | 24.1   | 22.8   |
| 87.5°  | 12.7   | 11.4   | 12.7   | 11.4   | 11.4   | 10.1   | 10.1   | 10.1   | 8.9    | 10.1   | 8.9    |
| 90°    | 13.0   | 14.5   | 17.2   | 22.7   | 28.2   | 33.6   | 39.1   | 38.6   | 38.1   | 37.6   | 37.1   |
| 92.5°  | 32.5   | 33.5   | 33.6   | 33.9   | 34.1   | 34.4   | 34.6   | 34.8   | 35.1   | 35.3   | 35.6   |
| 95°    | 68.0   | 69.2   | 69.4   | 69.9   | 70.4   | 70.9   | 71.4   | 71.4   | 71.4   | 71.4   | 71.4   |
| 97.5°  | 106.1  | 107.2  | 107.7  | 108.7  | 109.6  | 110.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  |
| 100°   | 149.7  | 150.7  | 151.1  | 151.8  | 152.5  | 153.3  | 154.0  | 154.0  | 154.0  | 154.0  | 154.0  |
| 102.5° | 194.6  | 195.3  | 195.8  | 196.8  | 197.8  | 198.8  | 199.8  | 200.0  | 200.3  | 200.5  | 200.8  |
| 105°   | 242.9  | 243.3  | 243.6  | 244.1  | 244.6  | 245.1  | 245.6  | 246.1  | 246.6  | 247.1  | 247.6  |
| 107.5° | 295.3  | 295.8  | 295.8  | 295.8  | 295.8  | 295.8  | 295.8  | 296.0  | 296.3  | 296.5  | 296.8  |
| 110°   | 346.5  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  |

TEST NUMBER: P1010269

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 400.0  | 400.7  | 400.6  | 400.3  | 400.1  | 399.8  | 399.6  | 398.9  | 398.1  | 397.4  | 396.7  |
| 115°   | 452.5  | 453.2  | 453.0  | 452.5  | 452.0  | 451.5  | 451.0  | 450.8  | 450.5  | 450.3  | 450.0  |
| 117.5° | 506.9  | 507.9  | 507.3  | 506.0  | 504.8  | 503.5  | 502.3  | 501.6  | 500.8  | 500.1  | 499.4  |
| 120°   | 559.4  | 560.4  | 559.4  | 557.4  | 555.4  | 553.4  | 551.4  | 551.4  | 551.4  | 551.4  | 551.4  |
| 122.5° | 609.4  | 610.6  | 610.0  | 608.7  | 607.5  | 606.2  | 605.0  | 604.3  | 603.5  | 602.8  | 602.1  |
| 125°   | 658.6  | 659.7  | 659.3  | 658.6  | 657.9  | 657.1  | 656.4  | 655.6  | 654.9  | 654.1  | 653.4  |
| 127.5° | 709.7  | 711.1  | 710.6  | 709.6  | 708.6  | 707.6  | 706.6  | 705.6  | 704.6  | 703.6  | 702.6  |
| 130°   | 757.5  | 759.1  | 758.8  | 758.3  | 757.8  | 757.3  | 756.8  | 756.3  | 755.8  | 755.3  | 754.8  |
| 132.5° | 805.9  | 807.1  | 807.2  | 807.5  | 807.7  | 808.0  | 808.2  | 807.0  | 805.7  | 804.5  | 803.2  |
| 135°   | 851.4  | 852.8  | 853.1  | 853.6  | 854.1  | 854.6  | 855.1  | 854.8  | 854.6  | 854.3  | 854.0  |
| 137.5° | 898.6  | 899.7  | 899.9  | 900.4  | 900.9  | 901.4  | 901.9  | 901.7  | 901.4  | 901.2  | 900.9  |
| 140°   | 942.1  | 943.2  | 943.8  | 945.1  | 946.3  | 947.6  | 948.8  | 948.8  | 948.8  | 948.8  | 948.8  |
| 142.5° | 986.8  | 987.9  | 988.3  | 989.0  | 989.7  | 990.5  | 991.2  | 991.5  | 991.7  | 992.0  | 992.3  |
| 145°   | 1027.2 | 1028.1 | 1028.8 | 1030.3 | 1031.8 | 1033.3 | 1034.8 | 1035.0 | 1035.3 | 1035.5 | 1035.8 |
| 147.5° | 1067.2 | 1068.3 | 1068.8 | 1069.8 | 1070.7 | 1071.7 | 1072.7 | 1073.2 | 1073.7 | 1074.2 | 1074.7 |
| 150°   | 1103.3 | 1104.0 | 1104.5 | 1105.5 | 1106.5 | 1107.5 | 1108.5 | 1109.2 | 1110.0 | 1110.7 | 1111.4 |
| 152.5° | 1137.9 | 1138.6 | 1139.2 | 1140.5 | 1141.7 | 1143.0 | 1144.2 | 1145.2 | 1146.2 | 1147.1 | 1148.1 |
| 155°   | 1169.4 | 1169.8 | 1170.2 | 1170.9 | 1171.7 | 1172.4 | 1173.2 | 1174.4 | 1175.7 | 1176.9 | 1178.2 |
| 157.5° | 1198.6 | 1198.9 | 1199.1 | 1199.6 | 1200.1 | 1200.6 | 1201.1 | 1202.8 | 1204.6 | 1206.3 | 1208.0 |
| 160°   | 1225.4 | 1225.7 | 1225.8 | 1226.1 | 1226.3 | 1226.6 | 1226.8 | 1228.3 | 1229.8 | 1231.3 | 1232.8 |
| 162.5° | 1248.0 | 1248.0 | 1248.1 | 1248.4 | 1248.6 | 1248.9 | 1249.1 | 1250.8 | 1252.6 | 1254.3 | 1256.0 |
| 165°   | 1268.2 | 1268.1 | 1268.1 | 1268.1 | 1268.1 | 1268.1 | 1268.1 | 1269.8 | 1271.6 | 1273.3 | 1275.0 |
| 167.5° | 1285.2 | 1284.8 | 1284.8 | 1284.8 | 1284.8 | 1284.8 | 1284.8 | 1286.5 | 1288.3 | 1290.0 | 1291.7 |
| 170°   | 1299.7 | 1299.3 | 1299.2 | 1298.9 | 1298.7 | 1298.4 | 1298.2 | 1299.9 | 1301.7 | 1303.4 | 1305.1 |
| 172.5° | 1309.8 | 1309.4 | 1309.3 | 1309.0 | 1308.8 | 1308.5 | 1308.3 | 1310.0 | 1311.8 | 1313.5 | 1315.2 |
| 175°   | 1317.6 | 1317.2 | 1317.0 | 1316.5 | 1316.0 | 1315.5 | 1315.0 | 1316.7 | 1318.5 | 1320.2 | 1321.9 |
| 177.5° | 1322.1 | 1321.7 | 1321.4 | 1320.9 | 1320.4 | 1319.9 | 1319.4 | 1320.9 | 1322.4 | 1323.9 | 1325.4 |
| 180°   | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 |



TEST NUMBER: P1010269

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 |
| 2.5°   | 1746.5 | 1743.9 | 1736.3 | 1738.9 | 1735.1 | 1735.1 | 1732.5 | 1732.5 | 1732.5 | 1738.9 | 1735.1 |
| 5°     | 1651.3 | 1642.5 | 1633.6 | 1629.8 | 1626.0 | 1622.2 | 1622.2 | 1620.9 | 1632.3 | 1629.8 | 1639.9 |
| 7.5°   | 1533.4 | 1530.9 | 1513.1 | 1513.1 | 1506.8 | 1504.2 | 1510.6 | 1511.8 | 1513.1 | 1515.6 | 1522.0 |
| 10°    | 1428.1 | 1421.8 | 1396.4 | 1398.9 | 1395.1 | 1390.1 | 1393.9 | 1391.3 | 1400.2 | 1402.8 | 1400.2 |
| 12.5°  | 1303.8 | 1292.4 | 1264.5 | 1250.6 | 1235.3 | 1223.9 | 1237.9 | 1227.7 | 1263.2 | 1273.4 | 1301.3 |
| 15°    | 1138.9 | 1117.4 | 1098.4 | 1098.4 | 1084.4 | 1074.3 | 1080.6 | 1092.0 | 1099.6 | 1111.0 | 1116.1 |
| 17.5°  | 1028.6 | 1019.7 | 1004.5 | 995.6  | 991.8  | 988.0  | 988.0  | 993.1  | 1009.6 | 1008.3 | 1018.5 |
| 20°    | 934.7  | 929.7  | 922.1  | 910.6  | 906.8  | 904.3  | 904.3  | 904.3  | 915.7  | 925.9  | 932.2  |
| 22.5°  | 870.1  | 866.3  | 861.2  | 846.0  | 838.4  | 835.8  | 842.2  | 846.0  | 854.8  | 862.5  | 868.8  |
| 25°    | 805.4  | 796.5  | 787.6  | 782.5  | 778.7  | 778.7  | 781.3  | 782.5  | 786.4  | 790.2  | 797.8  |
| 27.5°  | 752.1  | 745.8  | 733.1  | 719.1  | 719.1  | 715.3  | 717.9  | 720.4  | 729.3  | 742.0  | 748.3  |
| 30°    | 692.5  | 691.2  | 686.2  | 681.1  | 676.0  | 673.5  | 678.5  | 682.4  | 683.6  | 690.0  | 690.0  |
| 32.5°  | 649.4  | 640.5  | 631.6  | 626.5  | 624.0  | 622.7  | 624.0  | 629.1  | 629.1  | 636.7  | 645.6  |
| 35°    | 606.3  | 601.2  | 592.3  | 583.4  | 580.9  | 574.5  | 579.6  | 584.7  | 593.6  | 597.4  | 601.2  |
| 37.5°  | 559.3  | 553.0  | 549.2  | 546.6  | 541.6  | 542.8  | 539.0  | 546.6  | 554.3  | 553.0  | 555.5  |
| 40°    | 523.8  | 512.4  | 501.0  | 499.7  | 498.4  | 497.2  | 497.2  | 498.4  | 503.5  | 508.6  | 516.2  |
| 42.5°  | 478.2  | 474.3  | 464.2  | 454.1  | 451.5  | 449.0  | 446.4  | 451.5  | 461.7  | 470.5  | 474.3  |
| 45°    | 431.2  | 426.2  | 423.6  | 416.0  | 410.9  | 409.7  | 407.1  | 413.5  | 422.3  | 426.2  | 428.7  |
| 47.5°  | 388.1  | 386.8  | 379.2  | 380.5  | 376.7  | 378.0  | 376.7  | 380.5  | 380.5  | 384.3  | 386.8  |
| 50°    | 358.9  | 355.1  | 351.3  | 348.8  | 345.0  | 345.0  | 343.7  | 345.0  | 350.1  | 355.1  | 353.9  |
| 52.5°  | 329.8  | 323.4  | 322.2  | 320.9  | 318.3  | 320.9  | 317.1  | 318.3  | 323.4  | 326.0  | 324.7  |
| 55°    | 295.5  | 294.2  | 291.7  | 289.2  | 287.9  | 286.6  | 286.6  | 286.6  | 291.7  | 295.5  | 296.8  |
| 57.5°  | 268.9  | 262.5  | 257.5  | 257.5  | 252.4  | 251.1  | 253.7  | 254.9  | 258.7  | 261.3  | 263.8  |
| 60°    | 232.1  | 229.6  | 222.0  | 218.1  | 210.5  | 209.3  | 209.3  | 214.3  | 220.7  | 229.6  | 232.1  |
| 62.5°  | 192.8  | 189.0  | 187.7  | 187.7  | 187.7  | 187.7  | 187.7  | 187.7  | 187.7  | 189.0  | 189.0  |
| 65°    | 171.2  | 172.5  | 171.2  | 170.0  | 171.2  | 171.2  | 170.0  | 170.0  | 170.0  | 171.2  | 172.5  |
| 67.5°  | 153.5  | 152.2  | 153.5  | 152.2  | 150.9  | 150.9  | 149.7  | 150.9  | 152.2  | 153.5  | 153.5  |
| 70°    | 133.2  | 133.2  | 131.9  | 133.2  | 131.9  | 130.6  | 129.4  | 129.4  | 131.9  | 133.2  | 133.2  |
| 72.5°  | 114.1  | 114.1  | 112.9  | 112.9  | 110.3  | 110.3  | 111.6  | 110.3  | 110.3  | 114.1  | 114.1  |
| 75°    | 95.1   | 93.9   | 92.6   | 92.6   | 91.3   | 91.3   | 91.3   | 90.1   | 92.6   | 92.6   | 93.9   |
| 77.5°  | 74.8   | 74.8   | 74.8   | 73.6   | 73.6   | 72.3   | 72.3   | 73.6   | 73.6   | 73.6   | 74.8   |
| 80°    | 57.1   | 57.1   | 57.1   | 55.8   | 54.5   | 54.5   | 54.5   | 54.5   | 54.5   | 55.8   | 54.5   |
| 82.5°  | 39.3   | 39.3   | 39.3   | 39.3   | 39.3   | 38.0   | 38.0   | 38.0   | 39.3   | 39.3   | 38.0   |
| 85°    | 24.1   | 22.8   | 24.1   | 24.1   | 22.8   | 24.1   | 22.8   | 22.8   | 21.6   | 21.6   | 22.8   |
| 87.5°  | 10.1   | 8.9    | 7.6    | 7.6    | 8.9    | 7.6    | 7.6    | 7.6    | 8.9    | 7.6    | 7.6    |
| 90°    | 36.8   | 36.9   | 37.2   | 37.5   | 37.7   | 38.0   | 37.7   | 37.5   | 37.2   | 36.9   | 36.8   |
| 92.5°  | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   | 35.7   |
| 95°    | 71.4   | 71.2   | 70.7   | 70.2   | 69.7   | 69.2   | 69.7   | 70.2   | 70.7   | 71.2   | 71.4   |
| 97.5°  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  |
| 100°   | 154.0  | 153.9  | 153.6  | 153.4  | 153.1  | 152.9  | 153.1  | 153.4  | 153.6  | 153.9  | 154.0  |
| 102.5° | 200.9  | 200.8  | 200.5  | 200.3  | 200.0  | 199.8  | 200.0  | 200.3  | 200.5  | 200.8  | 200.9  |
| 105°   | 247.8  | 247.8  | 247.8  | 247.8  | 247.8  | 247.8  | 247.8  | 247.8  | 247.8  | 247.8  | 247.8  |
| 107.5° | 296.9  | 296.3  | 295.0  | 293.8  | 292.5  | 291.3  | 292.5  | 293.8  | 295.0  | 296.3  | 296.9  |
| 110°   | 347.2  | 346.8  | 346.1  | 345.3  | 344.6  | 343.8  | 344.6  | 345.3  | 346.1  | 346.8  | 347.2  |



TEST NUMBER: P1010269

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 396.3  | 396.0  | 395.5  | 395.0  | 394.5  | 394.0  | 394.5  | 395.0  | 395.5  | 396.0  | 396.3  |
| 115°   | 449.9  | 449.5  | 448.8  | 448.0  | 447.3  | 446.5  | 447.3  | 448.0  | 448.8  | 449.5  | 449.9  |
| 117.5° | 499.0  | 498.6  | 497.9  | 497.1  | 496.4  | 495.6  | 496.4  | 497.1  | 497.9  | 498.6  | 499.0  |
| 120°   | 551.4  | 551.0  | 550.3  | 549.6  | 548.8  | 548.1  | 548.8  | 549.6  | 550.3  | 551.0  | 551.4  |
| 122.5° | 601.7  | 601.4  | 600.9  | 600.4  | 599.9  | 599.4  | 599.9  | 600.4  | 600.9  | 601.4  | 601.7  |
| 125°   | 653.0  | 652.9  | 652.6  | 652.4  | 652.1  | 651.9  | 652.1  | 652.4  | 652.6  | 652.9  | 653.0  |
| 127.5° | 702.1  | 701.7  | 701.0  | 700.3  | 699.5  | 698.8  | 699.5  | 700.3  | 701.0  | 701.7  | 702.1  |
| 130°   | 754.6  | 754.1  | 753.1  | 752.1  | 751.1  | 750.1  | 751.1  | 752.1  | 753.1  | 754.1  | 754.6  |
| 132.5° | 802.6  | 802.2  | 801.5  | 800.7  | 800.0  | 799.2  | 800.0  | 800.7  | 801.5  | 802.2  | 802.6  |
| 135°   | 853.9  | 853.5  | 852.8  | 852.1  | 851.3  | 850.6  | 851.3  | 852.1  | 852.8  | 853.5  | 853.9  |
| 137.5° | 900.8  | 900.3  | 899.3  | 898.4  | 897.4  | 896.4  | 897.4  | 898.4  | 899.3  | 900.3  | 900.8  |
| 140°   | 948.8  | 948.3  | 947.3  | 946.4  | 945.4  | 944.4  | 945.4  | 946.4  | 947.3  | 948.3  | 948.8  |
| 142.5° | 992.4  | 991.9  | 990.9  | 989.9  | 988.9  | 987.9  | 988.9  | 989.9  | 990.9  | 991.9  | 992.4  |
| 145°   | 1035.9 | 1035.4 | 1034.4 | 1033.4 | 1032.4 | 1031.4 | 1032.4 | 1033.4 | 1034.4 | 1035.4 | 1035.9 |
| 147.5° | 1075.0 | 1074.5 | 1073.5 | 1072.5 | 1071.5 | 1070.5 | 1071.5 | 1072.5 | 1073.5 | 1074.5 | 1075.0 |
| 150°   | 1111.8 | 1111.4 | 1110.7 | 1110.0 | 1109.2 | 1108.5 | 1109.2 | 1110.0 | 1110.7 | 1111.4 | 1111.8 |
| 152.5° | 1148.6 | 1148.1 | 1147.1 | 1146.2 | 1145.2 | 1144.2 | 1145.2 | 1146.2 | 1147.1 | 1148.1 | 1148.6 |
| 155°   | 1178.8 | 1178.4 | 1177.7 | 1176.9 | 1176.2 | 1175.4 | 1176.2 | 1176.9 | 1177.7 | 1178.4 | 1178.8 |
| 157.5° | 1208.9 | 1208.3 | 1207.0 | 1205.8 | 1204.5 | 1203.3 | 1204.5 | 1205.8 | 1207.0 | 1208.3 | 1208.9 |
| 160°   | 1233.5 | 1233.0 | 1232.0 | 1231.0 | 1230.0 | 1229.0 | 1230.0 | 1231.0 | 1232.0 | 1233.0 | 1233.5 |
| 162.5° | 1256.9 | 1256.3 | 1255.0 | 1253.8 | 1252.5 | 1251.3 | 1252.5 | 1253.8 | 1255.0 | 1256.3 | 1256.9 |
| 165°   | 1275.9 | 1275.3 | 1274.0 | 1272.8 | 1271.5 | 1270.3 | 1271.5 | 1272.8 | 1274.0 | 1275.3 | 1275.9 |
| 167.5° | 1292.6 | 1292.0 | 1290.8 | 1289.5 | 1288.3 | 1287.1 | 1288.3 | 1289.5 | 1290.8 | 1292.0 | 1292.6 |
| 170°   | 1306.0 | 1305.3 | 1303.8 | 1302.3 | 1300.8 | 1299.3 | 1300.8 | 1302.3 | 1303.8 | 1305.3 | 1306.0 |
| 172.5° | 1316.1 | 1315.4 | 1313.9 | 1312.4 | 1310.9 | 1309.4 | 1310.9 | 1312.4 | 1313.9 | 1315.4 | 1316.1 |
| 175°   | 1322.8 | 1322.1 | 1320.6 | 1319.1 | 1317.6 | 1316.1 | 1317.6 | 1319.1 | 1320.6 | 1322.1 | 1322.8 |
| 177.5° | 1326.1 | 1325.4 | 1323.9 | 1322.4 | 1320.9 | 1319.4 | 1320.9 | 1322.4 | 1323.9 | 1325.4 | 1326.1 |
| 180°   | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 |

TEST NUMBER: P1010269

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 | 1825.1 |
| 2.5°   | 1738.9 | 1745.2 | 1742.7 | 1728.7 | 1742.7 | 1746.5 | 1754.1 | 1761.7 | 1766.8 | 1774.4 | 1780.7 |
| 5°     | 1629.8 | 1642.5 | 1650.1 | 1642.5 | 1667.8 | 1671.6 | 1689.4 | 1699.5 | 1714.8 | 1727.4 | 1737.6 |
| 7.5°   | 1527.0 | 1537.2 | 1552.4 | 1555.0 | 1570.2 | 1587.9 | 1613.3 | 1638.7 | 1662.8 | 1675.4 | 1686.9 |
| 10°    | 1416.7 | 1434.5 | 1457.3 | 1452.2 | 1475.0 | 1502.9 | 1529.6 | 1570.2 | 1590.5 | 1613.3 | 1633.6 |
| 12.5°  | 1306.4 | 1317.8 | 1348.2 | 1358.4 | 1391.3 | 1412.9 | 1449.7 | 1475.0 | 1525.8 | 1552.4 | 1570.2 |
| 15°    | 1113.6 | 1160.5 | 1198.6 | 1244.2 | 1287.3 | 1327.9 | 1360.9 | 1406.6 | 1450.9 | 1471.2 | 1500.4 |
| 17.5°  | 1026.1 | 1047.6 | 1070.5 | 1093.3 | 1149.1 | 1221.4 | 1279.7 | 1329.2 | 1367.2 | 1393.9 | 1428.1 |
| 20°    | 934.7  | 956.3  | 981.7  | 1003.2 | 1037.5 | 1089.5 | 1161.8 | 1246.8 | 1292.4 | 1320.3 | 1353.3 |
| 22.5°  | 870.1  | 890.4  | 906.8  | 925.9  | 952.5  | 990.6  | 1045.1 | 1150.4 | 1211.2 | 1245.5 | 1274.7 |
| 25°    | 800.3  | 825.7  | 843.4  | 857.4  | 878.9  | 920.8  | 965.2  | 1024.8 | 1133.9 | 1160.5 | 1201.1 |
| 27.5°  | 752.1  | 759.7  | 780.0  | 801.6  | 823.1  | 846.0  | 891.6  | 942.4  | 1015.9 | 1074.3 | 1123.7 |
| 30°    | 695.0  | 714.1  | 733.1  | 742.0  | 761.0  | 794.0  | 821.9  | 876.4  | 933.5  | 979.1  | 1038.7 |
| 32.5°  | 651.9  | 663.3  | 676.0  | 697.6  | 715.3  | 738.2  | 766.1  | 811.7  | 859.9  | 889.1  | 934.7  |
| 35°    | 603.7  | 611.3  | 638.0  | 646.8  | 664.6  | 687.4  | 715.3  | 750.8  | 802.8  | 825.7  | 858.6  |
| 37.5°  | 558.1  | 575.8  | 583.4  | 603.7  | 620.2  | 643.0  | 663.3  | 703.9  | 738.2  | 764.8  | 795.2  |
| 40°    | 522.5  | 530.2  | 544.1  | 561.9  | 575.8  | 593.6  | 618.9  | 648.1  | 684.9  | 706.4  | 733.1  |
| 42.5°  | 479.4  | 485.8  | 503.5  | 513.7  | 536.5  | 553.0  | 568.2  | 603.7  | 636.7  | 653.2  | 679.8  |
| 45°    | 432.5  | 447.7  | 459.1  | 479.4  | 492.1  | 512.4  | 531.4  | 556.8  | 587.2  | 606.3  | 621.5  |
| 47.5°  | 391.9  | 407.1  | 418.5  | 437.6  | 457.9  | 466.7  | 487.0  | 513.7  | 541.6  | 556.8  | 578.4  |
| 50°    | 358.9  | 364.0  | 385.6  | 394.4  | 416.0  | 433.8  | 447.7  | 470.5  | 501.0  | 509.9  | 527.6  |
| 52.5°  | 327.2  | 331.0  | 345.0  | 356.4  | 375.4  | 390.6  | 408.4  | 430.0  | 455.3  | 469.3  | 483.2  |
| 55°    | 299.3  | 301.9  | 308.2  | 320.9  | 333.6  | 352.6  | 369.1  | 389.4  | 410.9  | 426.2  | 438.8  |
| 57.5°  | 267.6  | 272.7  | 277.8  | 285.4  | 298.1  | 315.8  | 333.6  | 352.6  | 370.3  | 380.5  | 397.0  |
| 60°    | 230.8  | 238.4  | 247.3  | 256.2  | 265.1  | 277.8  | 298.1  | 315.8  | 332.3  | 341.2  | 353.9  |
| 62.5°  | 191.5  | 206.7  | 214.3  | 224.5  | 232.1  | 243.5  | 258.7  | 279.0  | 290.4  | 301.9  | 312.0  |
| 65°    | 172.5  | 173.8  | 175.0  | 185.2  | 199.1  | 210.5  | 224.5  | 239.7  | 257.5  | 265.1  | 272.7  |
| 67.5°  | 153.5  | 154.7  | 157.3  | 158.5  | 163.6  | 176.3  | 191.5  | 208.0  | 222.0  | 227.0  | 234.6  |
| 70°    | 134.4  | 134.4  | 139.5  | 140.8  | 142.1  | 143.3  | 156.0  | 172.5  | 185.2  | 191.5  | 200.4  |
| 72.5°  | 114.1  | 115.4  | 118.0  | 119.2  | 121.8  | 124.3  | 128.1  | 137.0  | 152.2  | 158.5  | 168.7  |
| 75°    | 93.9   | 95.1   | 96.4   | 97.7   | 101.5  | 102.7  | 106.5  | 111.6  | 118.0  | 125.6  | 131.9  |
| 77.5°  | 74.8   | 74.8   | 76.1   | 78.6   | 81.2   | 82.4   | 86.2   | 88.8   | 91.3   | 95.1   | 100.2  |
| 80°    | 55.8   | 57.1   | 57.1   | 59.6   | 59.6   | 60.9   | 62.1   | 66.0   | 68.5   | 71.0   | 73.6   |
| 82.5°  | 38.0   | 40.6   | 40.6   | 40.6   | 41.9   | 43.1   | 44.4   | 44.4   | 46.9   | 48.2   | 52.0   |
| 85°    | 22.8   | 24.1   | 24.1   | 24.1   | 22.8   | 25.4   | 25.4   | 26.6   | 26.6   | 26.6   | 27.9   |
| 87.5°  | 8.9    | 7.6    | 8.9    | 8.9    | 8.9    | 10.1   | 8.9    | 8.9    | 10.1   | 11.4   | 11.4   |
| 90°    | 37.1   | 37.6   | 38.1   | 38.6   | 39.1   | 33.6   | 28.2   | 22.7   | 17.2   | 14.5   | 13.0   |
| 92.5°  | 35.6   | 35.3   | 35.1   | 34.8   | 34.6   | 34.4   | 34.1   | 33.9   | 33.6   | 33.5   | 32.5   |
| 95°    | 71.4   | 71.4   | 71.4   | 71.4   | 71.4   | 70.9   | 70.4   | 69.9   | 69.4   | 69.2   | 68.0   |
| 97.5°  | 111.6  | 111.6  | 111.6  | 111.6  | 111.6  | 110.6  | 109.6  | 108.7  | 107.7  | 107.2  | 106.1  |
| 100°   | 154.0  | 154.0  | 154.0  | 154.0  | 154.0  | 153.3  | 152.5  | 151.8  | 151.1  | 150.7  | 149.7  |
| 102.5° | 200.8  | 200.5  | 200.3  | 200.0  | 199.8  | 198.8  | 197.8  | 196.8  | 195.8  | 195.3  | 194.6  |
| 105°   | 247.6  | 247.1  | 246.6  | 246.1  | 245.6  | 245.1  | 244.6  | 244.1  | 243.6  | 243.3  | 242.9  |
| 107.5° | 296.8  | 296.5  | 296.3  | 296.0  | 295.8  | 295.8  | 295.8  | 295.8  | 295.8  | 295.8  | 295.3  |
| 110°   | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 347.2  | 346.5  |

TEST NUMBER: P1010269

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 396.7  | 397.4  | 398.1  | 398.9  | 399.6  | 399.8  | 400.1  | 400.3  | 400.6  | 400.7  | 400.0  |
| 115°   | 450.0  | 450.3  | 450.5  | 450.8  | 451.0  | 451.5  | 452.0  | 452.5  | 453.0  | 453.2  | 452.5  |
| 117.5° | 499.4  | 500.1  | 500.8  | 501.6  | 502.3  | 503.5  | 504.8  | 506.0  | 507.3  | 507.9  | 506.9  |
| 120°   | 551.4  | 551.4  | 551.4  | 551.4  | 551.4  | 553.4  | 555.4  | 557.4  | 559.4  | 560.4  | 559.4  |
| 122.5° | 602.1  | 602.8  | 603.5  | 604.3  | 605.0  | 606.2  | 607.5  | 608.7  | 610.0  | 610.6  | 609.4  |
| 125°   | 653.4  | 654.1  | 654.9  | 655.6  | 656.4  | 657.1  | 657.9  | 658.6  | 659.3  | 659.7  | 658.6  |
| 127.5° | 702.6  | 703.6  | 704.6  | 705.6  | 706.6  | 707.6  | 708.6  | 709.6  | 710.6  | 711.1  | 709.7  |
| 130°   | 754.8  | 755.3  | 755.8  | 756.3  | 756.8  | 757.3  | 757.8  | 758.3  | 758.8  | 759.1  | 757.5  |
| 132.5° | 803.2  | 804.5  | 805.7  | 807.0  | 808.2  | 808.0  | 807.7  | 807.5  | 807.2  | 807.1  | 805.9  |
| 135°   | 854.0  | 854.3  | 854.6  | 854.8  | 855.1  | 854.6  | 854.1  | 853.6  | 853.1  | 852.8  | 851.4  |
| 137.5° | 900.9  | 901.2  | 901.4  | 901.7  | 901.9  | 901.4  | 900.9  | 900.4  | 899.9  | 899.7  | 898.6  |
| 140°   | 948.8  | 948.8  | 948.8  | 948.8  | 948.8  | 947.6  | 946.3  | 945.1  | 943.8  | 943.2  | 942.1  |
| 142.5° | 992.3  | 992.0  | 991.7  | 991.5  | 991.2  | 990.5  | 989.7  | 989.0  | 988.3  | 987.9  | 986.8  |
| 145°   | 1035.8 | 1035.5 | 1035.3 | 1035.0 | 1034.8 | 1033.3 | 1031.8 | 1030.3 | 1028.8 | 1028.1 | 1027.2 |
| 147.5° | 1074.7 | 1074.2 | 1073.7 | 1073.2 | 1072.7 | 1071.7 | 1070.7 | 1069.8 | 1068.8 | 1068.3 | 1067.2 |
| 150°   | 1111.4 | 1110.7 | 1110.0 | 1109.2 | 1108.5 | 1107.5 | 1106.5 | 1105.5 | 1104.5 | 1104.0 | 1103.3 |
| 152.5° | 1148.1 | 1147.1 | 1146.2 | 1145.2 | 1144.2 | 1143.0 | 1141.7 | 1140.5 | 1139.2 | 1138.6 | 1137.9 |
| 155°   | 1178.2 | 1176.9 | 1175.7 | 1174.4 | 1173.2 | 1172.4 | 1171.7 | 1170.9 | 1170.2 | 1169.8 | 1169.4 |
| 157.5° | 1208.0 | 1206.3 | 1204.6 | 1202.8 | 1201.1 | 1200.6 | 1200.1 | 1199.6 | 1199.1 | 1198.9 | 1198.6 |
| 160°   | 1232.8 | 1231.3 | 1229.8 | 1228.3 | 1226.8 | 1226.6 | 1226.3 | 1226.1 | 1225.8 | 1225.7 | 1225.4 |
| 162.5° | 1256.0 | 1254.3 | 1252.6 | 1250.8 | 1249.1 | 1248.9 | 1248.6 | 1248.4 | 1248.1 | 1248.0 | 1248.0 |
| 165°   | 1275.0 | 1273.3 | 1271.6 | 1269.8 | 1268.1 | 1268.1 | 1268.1 | 1268.1 | 1268.1 | 1268.1 | 1268.2 |
| 167.5° | 1291.7 | 1290.0 | 1288.3 | 1286.5 | 1284.8 | 1284.8 | 1284.8 | 1284.8 | 1284.8 | 1284.8 | 1285.2 |
| 170°   | 1305.1 | 1303.4 | 1301.7 | 1299.9 | 1298.2 | 1298.4 | 1298.7 | 1298.9 | 1299.2 | 1299.3 | 1299.7 |
| 172.5° | 1315.2 | 1313.5 | 1311.8 | 1310.0 | 1308.3 | 1308.5 | 1308.8 | 1309.0 | 1309.3 | 1309.4 | 1309.8 |
| 175°   | 1321.9 | 1320.2 | 1318.5 | 1316.7 | 1315.0 | 1315.5 | 1316.0 | 1316.5 | 1317.0 | 1317.2 | 1317.6 |
| 177.5° | 1325.4 | 1323.9 | 1322.4 | 1320.9 | 1319.4 | 1319.9 | 1320.4 | 1320.9 | 1321.4 | 1321.7 | 1322.1 |
| 180°   | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 | 1322.8 |

TEST NUMBER: P1010269

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1825.1 | 1825.1 | 1825.1 | 1825.1 |
| 2.5°   | 1792.1 | 1788.3 | 1811.1 | 1836.5 |
| 5°     | 1755.3 | 1761.7 | 1790.9 | 1826.4 |
| 7.5°   | 1717.3 | 1731.2 | 1765.5 | 1812.4 |
| 10°    | 1664.0 | 1689.4 | 1741.4 | 1789.6 |
| 12.5°  | 1612.0 | 1646.3 | 1695.7 | 1752.8 |
| 15°    | 1553.7 | 1591.7 | 1652.6 | 1721.1 |
| 17.5°  | 1489.0 | 1532.1 | 1603.1 | 1678.0 |
| 20°    | 1420.5 | 1477.6 | 1552.4 | 1633.6 |
| 22.5°  | 1344.4 | 1412.9 | 1490.3 | 1580.3 |
| 25°    | 1270.8 | 1345.7 | 1423.0 | 1527.0 |
| 27.5°  | 1198.6 | 1272.1 | 1358.4 | 1463.6 |
| 30°    | 1126.3 | 1193.5 | 1286.1 | 1398.9 |
| 32.5°  | 1048.9 | 1118.7 | 1216.3 | 1331.7 |
| 35°    | 977.9  | 1047.6 | 1138.9 | 1253.1 |
| 37.5°  | 901.8  | 976.6  | 1064.1 | 1182.1 |
| 40°    | 813.0  | 900.5  | 985.5  | 1098.4 |
| 42.5°  | 739.4  | 832.0  | 914.5  | 1021.0 |
| 45°    | 681.1  | 768.6  | 837.1  | 941.1  |
| 47.5°  | 626.5  | 697.6  | 767.3  | 863.7  |
| 50°    | 574.5  | 629.1  | 701.4  | 787.6  |
| 52.5°  | 521.3  | 568.2  | 630.4  | 711.5  |
| 55°    | 473.1  | 517.5  | 573.3  | 635.4  |
| 57.5°  | 428.7  | 460.4  | 516.2  | 572.0  |
| 60°    | 379.2  | 412.2  | 455.3  | 502.3  |
| 62.5°  | 337.4  | 362.7  | 403.3  | 442.6  |
| 65°    | 293.0  | 317.1  | 347.5  | 384.3  |
| 67.5°  | 252.4  | 274.0  | 298.1  | 327.2  |
| 70°    | 215.6  | 232.1  | 249.9  | 275.2  |
| 72.5°  | 176.3  | 194.1  | 210.5  | 230.8  |
| 75°    | 144.6  | 152.2  | 166.1  | 180.1  |
| 77.5°  | 111.6  | 121.8  | 129.4  | 140.8  |
| 80°    | 79.9   | 88.8   | 91.3   | 100.2  |
| 82.5°  | 53.3   | 58.3   | 63.4   | 66.0   |
| 85°    | 30.4   | 33.0   | 38.0   | 39.3   |
| 87.5°  | 11.4   | 12.7   | 15.2   | 17.8   |
| 90°    | 10.0   | 7.1    | 4.1    | 1.1    |
| 92.5°  | 30.5   | 28.6   | 26.6   | 24.6   |
| 95°    | 65.5   | 63.0   | 60.5   | 58.0   |
| 97.5°  | 103.8  | 101.6  | 99.3   | 97.1   |
| 100°   | 147.7  | 145.8  | 143.8  | 141.8  |
| 102.5° | 193.1  | 191.6  | 190.1  | 188.6  |
| 105°   | 242.2  | 241.5  | 240.7  | 240.0  |
| 107.5° | 294.3  | 293.3  | 292.3  | 291.3  |
| 110°   | 345.0  | 343.5  | 342.0  | 340.5  |

TEST NUMBER: P1010269

CATALOG NUMBER: S122RDIP-B865D1080UB50-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 398.5  | 397.0  | 395.5  | 394.0  |
| 115°   | 451.0  | 449.5  | 448.0  | 446.5  |
| 117.5° | 504.9  | 503.0  | 501.0  | 499.0  |
| 120°   | 557.4  | 555.4  | 553.4  | 551.4  |
| 122.5° | 606.9  | 604.4  | 601.9  | 599.4  |
| 125°   | 656.4  | 654.1  | 651.9  | 649.7  |
| 127.5° | 707.0  | 704.3  | 701.5  | 698.8  |
| 130°   | 754.3  | 751.0  | 747.8  | 744.6  |
| 132.5° | 803.4  | 800.9  | 798.4  | 795.9  |
| 135°   | 848.7  | 846.0  | 843.2  | 840.5  |
| 137.5° | 896.4  | 894.1  | 891.9  | 889.7  |
| 140°   | 939.9  | 937.6  | 935.4  | 933.2  |
| 142.5° | 984.6  | 982.3  | 980.1  | 977.9  |
| 145°   | 1025.5 | 1023.8 | 1022.0 | 1020.3 |
| 147.5° | 1064.9 | 1062.7 | 1060.4 | 1058.2 |
| 150°   | 1101.8 | 1100.3 | 1098.8 | 1097.3 |
| 152.5° | 1136.4 | 1134.9 | 1133.4 | 1131.9 |
| 155°   | 1168.7 | 1168.0 | 1167.2 | 1166.5 |
| 157.5° | 1198.1 | 1197.6 | 1197.1 | 1196.6 |
| 160°   | 1224.9 | 1224.4 | 1223.9 | 1223.4 |
| 162.5° | 1248.0 | 1248.0 | 1248.0 | 1248.0 |
| 165°   | 1268.5 | 1268.7 | 1269.0 | 1269.2 |
| 167.5° | 1285.9 | 1286.7 | 1287.4 | 1288.2 |
| 170°   | 1300.4 | 1301.2 | 1301.9 | 1302.7 |
| 172.5° | 1310.5 | 1311.2 | 1312.0 | 1312.7 |
| 175°   | 1318.3 | 1319.0 | 1319.8 | 1320.5 |
| 177.5° | 1322.8 | 1323.5 | 1324.3 | 1325.0 |
| 180°   | 1322.8 | 1322.8 | 1322.8 | 1322.8 |

(END OF REPORT)