

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: P1025942

Luminaire Tested: S124RDIP-B1020D1035UB35-4F0-XX-W2A-A1

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1025942  
REPORT IS A COMBINATION OF REPORTS P998842 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124RDIP-B1020D1035UB35-4F0-XX-W2A-A1  
Description: Define 4 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}  
{m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

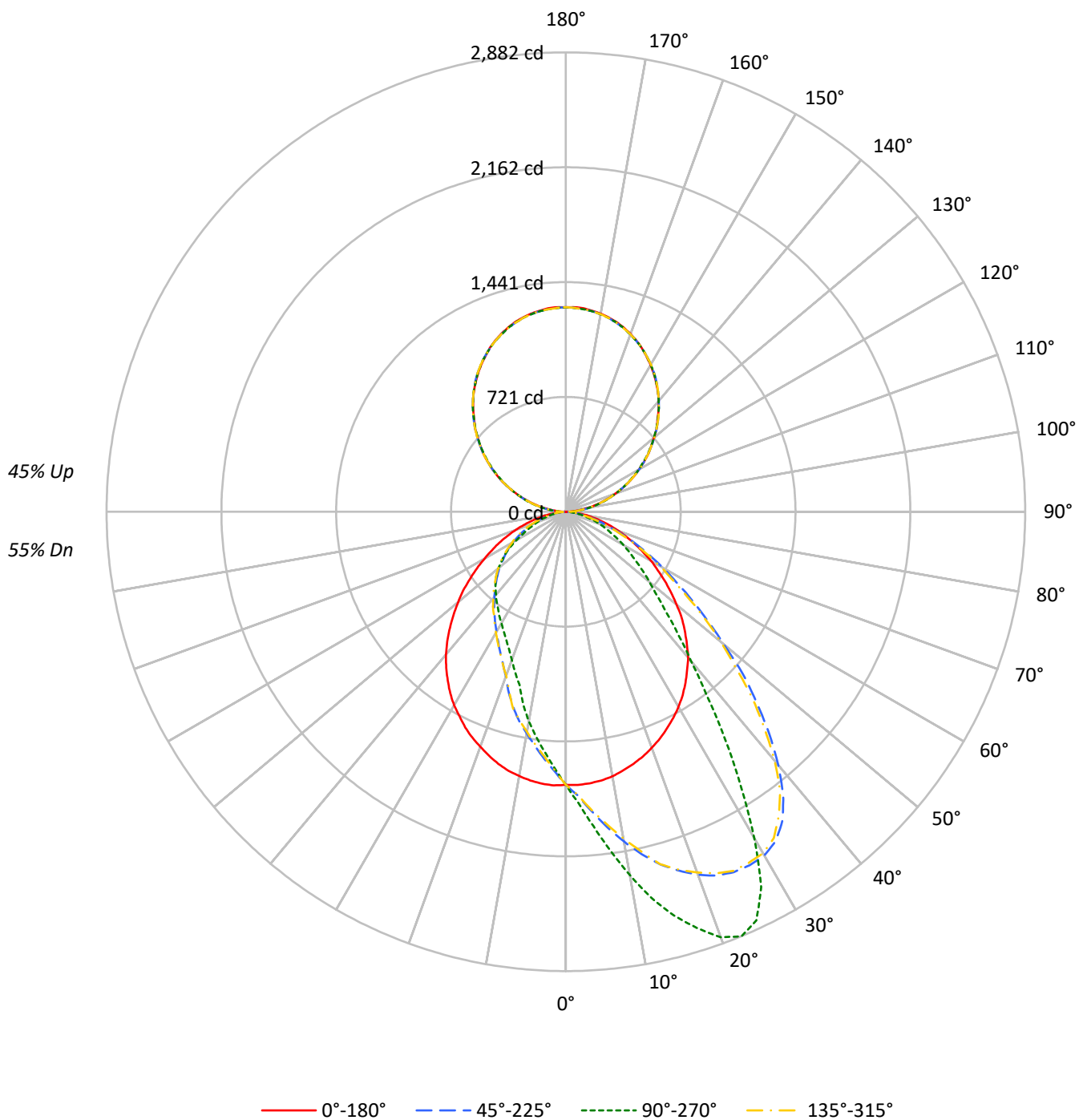
Lumens per Lamp: N/A  
Luminaire Lumens: 7893.0 lumens  
Efficiency: N/A  
Efficacy: 104.8 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 75.3  
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

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### Luminous Intensity Polar Plot



TEST NUMBER: P1025942

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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   | 108 | 108 | 108 | 108 | 101 | 101 | 101 | 101 | 86 | 86 | 86 | 73 | 73 | 73 | 61 | 61 | 61 |
| 1   | 99  | 95  | 92  | 88  | 92  | 89  | 85  | 83  | 76 | 74 | 72 | 65 | 63 | 62 | 54 | 53 | 52 |
| 2   | 91  | 84  | 78  | 73  | 84  | 78  | 73  | 69  | 67 | 64 | 60 | 58 | 55 | 52 | 48 | 47 | 45 |
| 3   | 83  | 74  | 67  | 61  | 77  | 69  | 63  | 58  | 60 | 55 | 51 | 51 | 48 | 45 | 43 | 41 | 39 |
| 4   | 76  | 66  | 58  | 52  | 71  | 62  | 55  | 49  | 54 | 48 | 44 | 46 | 42 | 39 | 39 | 36 | 34 |
| 5   | 70  | 59  | 51  | 45  | 65  | 55  | 48  | 43  | 48 | 43 | 38 | 42 | 37 | 34 | 35 | 32 | 30 |
| 6   | 65  | 53  | 45  | 39  | 60  | 50  | 43  | 37  | 43 | 38 | 34 | 38 | 33 | 30 | 32 | 29 | 26 |
| 7   | 60  | 48  | 40  | 35  | 56  | 45  | 38  | 33  | 40 | 34 | 30 | 34 | 30 | 27 | 30 | 26 | 23 |
| 8   | 56  | 44  | 36  | 31  | 52  | 41  | 34  | 29  | 36 | 31 | 27 | 32 | 27 | 24 | 27 | 24 | 21 |
| 9   | 52  | 40  | 33  | 28  | 48  | 38  | 31  | 26  | 33 | 28 | 24 | 29 | 25 | 22 | 25 | 22 | 19 |
| 10  | 49  | 37  | 30  | 25  | 45  | 35  | 28  | 24  | 31 | 25 | 22 | 27 | 23 | 20 | 23 | 20 | 17 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 13968 | 13968 | 13968 | 13968 |
| 5°  | 13968 | 15783 | 13991 | 12063 |
| 10° | 13894 | 18194 | 13882 | 10491 |
| 15° | 13728 | 20477 | 13728 | 8783  |
| 20° | 13555 | 22202 | 13484 | 7734  |
| 25° | 13343 | 22295 | 13282 | 6986  |
| 30° | 13119 | 18959 | 13016 | 6470  |
| 35° | 12802 | 14305 | 12639 | 6087  |
| 40° | 12448 | 10367 | 12204 | 5786  |
| 45° | 11864 | 7879  | 11569 | 5522  |
| 50° | 11171 | 6368  | 10865 | 5133  |
| 55° | 10420 | 5273  | 10080 | 4615  |
| 60° | 9667  | 4458  | 9234  | 3839  |
| 65° | 8721  | 3632  | 8442  | 3051  |
| 70° | 7853  | 2946  | 7483  | 2478  |
| 75° | 6882  | 2122  | 6403  | 1816  |
| 80° | 5676  | 1406  | 5166  | 1335  |
| 85° | 4119  | 723   | 3413  | 723   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 17486 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 165.9  | 2.1       |
| 10°-20°   | 500.9  | 6.3       |
| 20°-30°   | 784.6  | 9.9       |
| 30°-40°   | 871.3  | 11.0      |
| 40°-50°   | 772.0  | 9.8       |
| 50°-60°   | 601.7  | 7.6       |
| 60°-70°   | 393.6  | 5.0       |
| 70°-80°   | 193.1  | 2.4       |
| 80°-90°   | 49.8   | 0.6       |
| 90°-100°  | 83.6   | 1.1       |
| 100°-110° | 250.5  | 3.2       |
| 110°-120° | 425.6  | 5.4       |
| 120°-130° | 561.3  | 7.1       |
| 130°-140° | 630.4  | 8.0       |
| 140°-150° | 619.6  | 7.8       |
| 150°-160° | 521.1  | 6.6       |
| 160°-170° | 346.7  | 4.4       |
| 170°-180° | 121.4  | 1.5       |
| 0°-30°    | 1451.3 | 18.4      |
| 0°-40°    | 2322.6 | 29.4      |
| 0°-60°    | 3696.3 | 46.8      |
| 0°-90°    | 4332.7 | 54.9      |
| 90°-120°  | 759.7  | 9.6       |
| 90°-150°  | 2571.0 | 32.6      |
| 90°-180°  | 3560.0 | 45.1      |
| 0°-180°   | 7893.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1713 | 1713 | 1713 | 1713 | 1713 |      |
| 5°   | 1710 | 1979 | 1713 | 1513 | 1710 | 162  |
| 15°  | 1637 | 2622 | 1637 | 1125 | 1637 | 462  |
| 25°  | 1500 | 2828 | 1493 | 886  | 1500 | 691  |
| 35°  | 1308 | 1742 | 1292 | 741  | 1308 | 818  |
| 45°  | 1054 | 890  | 1028 | 624  | 1054 | 813  |
| 55°  | 759  | 531  | 734  | 465  | 759  | 679  |
| 65°  | 476  | 311  | 461  | 261  | 476  | 475  |
| 75°  | 239  | 144  | 222  | 123  | 239  | 253  |
| 85°  | 57   | 34   | 47   | 34   | 57   | 64   |
| 90°  | 3    | 30   | 3    | 30   | 3    | 8    |
| 95°  | 60   | 78   | 60   | 78   | 60   | 64   |
| 105° | 231  | 242  | 231  | 242  | 231  | 245  |
| 115° | 433  | 429  | 433  | 429  | 433  | 427  |
| 125° | 630  | 625  | 630  | 625  | 630  | 562  |
| 135° | 813  | 814  | 813  | 814  | 813  | 629  |
| 145° | 987  | 988  | 987  | 988  | 987  | 618  |
| 155° | 1131 | 1130 | 1131 | 1130 | 1131 | 521  |
| 165° | 1232 | 1229 | 1232 | 1229 | 1232 | 347  |
| 175° | 1281 | 1275 | 1281 | 1275 | 1281 | 122  |
| 180° | 1283 | 1283 | 1283 | 1283 | 1283 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 |
| 2.5°   | 1715.7 | 1730.8 | 1739.1 | 1746.0 | 1759.8 | 1765.3 | 1776.4 | 1779.1 | 1790.2 | 1788.8 | 1784.7 |
| 5°     | 1710.1 | 1736.4 | 1755.7 | 1776.4 | 1801.2 | 1815.0 | 1830.2 | 1852.3 | 1863.3 | 1878.5 | 1888.2 |
| 7.5°   | 1700.5 | 1736.4 | 1768.1 | 1799.9 | 1839.9 | 1862.0 | 1881.3 | 1915.8 | 1944.8 | 1969.6 | 1997.2 |
| 10°    | 1685.3 | 1730.8 | 1777.8 | 1820.6 | 1875.8 | 1902.0 | 1931.0 | 1982.0 | 2022.1 | 2056.6 | 2100.7 |
| 12.5°  | 1661.8 | 1725.3 | 1777.8 | 1835.7 | 1906.1 | 1942.0 | 1980.7 | 2041.4 | 2088.3 | 2144.9 | 2200.1 |
| 15°    | 1637.0 | 1707.4 | 1776.4 | 1852.3 | 1932.4 | 1973.8 | 2012.4 | 2093.8 | 2165.6 | 2230.5 | 2291.2 |
| 17.5°  | 1609.4 | 1686.7 | 1762.6 | 1846.8 | 1943.4 | 1994.5 | 2040.0 | 2138.0 | 2216.7 | 2300.9 | 2361.6 |
| 20°    | 1576.3 | 1660.4 | 1747.4 | 1841.3 | 1950.3 | 2006.9 | 2058.0 | 2169.8 | 2256.7 | 2347.8 | 2423.7 |
| 22.5°  | 1540.4 | 1631.5 | 1726.7 | 1828.8 | 1942.0 | 2004.1 | 2063.5 | 2183.6 | 2284.3 | 2368.5 | 2470.7 |
| 25°    | 1500.3 | 1597.0 | 1695.0 | 1802.6 | 1929.6 | 1997.2 | 2058.0 | 2176.7 | 2284.3 | 2394.7 | 2494.1 |
| 27.5°  | 1458.9 | 1558.3 | 1660.4 | 1773.6 | 1903.4 | 1969.6 | 2038.6 | 2153.2 | 2278.8 | 2398.9 | 2499.6 |
| 30°    | 1413.4 | 1510.0 | 1617.7 | 1725.3 | 1863.3 | 1929.6 | 2000.0 | 2124.2 | 2260.9 | 2380.9 | 2490.0 |
| 32.5°  | 1363.7 | 1463.1 | 1565.2 | 1677.0 | 1812.3 | 1884.0 | 1948.9 | 2089.7 | 2229.1 | 2347.8 | 2450.0 |
| 35°    | 1308.5 | 1402.3 | 1499.0 | 1613.5 | 1747.4 | 1812.3 | 1889.6 | 2035.9 | 2176.7 | 2302.3 | 2368.5 |
| 37.5°  | 1249.1 | 1338.8 | 1428.6 | 1541.7 | 1670.1 | 1748.8 | 1824.7 | 1972.4 | 2121.5 | 2205.6 | 2240.2 |
| 40°    | 1193.9 | 1272.6 | 1351.3 | 1460.3 | 1590.1 | 1671.5 | 1748.8 | 1902.0 | 2033.1 | 2098.0 | 2071.8 |
| 42.5°  | 1123.5 | 1205.0 | 1275.4 | 1376.1 | 1507.2 | 1583.2 | 1661.8 | 1820.6 | 1926.8 | 1953.1 | 1888.2 |
| 45°    | 1054.5 | 1122.1 | 1189.8 | 1287.8 | 1425.8 | 1490.7 | 1574.9 | 1722.6 | 1810.9 | 1787.4 | 1692.2 |
| 47.5°  | 986.9  | 1042.1 | 1105.6 | 1200.8 | 1325.0 | 1402.3 | 1481.0 | 1609.4 | 1671.5 | 1638.4 | 1505.9 |
| 50°    | 906.8  | 962.0  | 1028.3 | 1111.1 | 1231.2 | 1305.7 | 1367.8 | 1486.5 | 1533.5 | 1452.0 | 1291.9 |
| 52.5°  | 830.9  | 879.2  | 935.8  | 1013.1 | 1127.7 | 1195.3 | 1262.9 | 1365.1 | 1380.3 | 1286.4 | 1118.0 |
| 55°    | 759.1  | 797.8  | 857.1  | 919.2  | 1024.1 | 1095.9 | 1142.9 | 1229.8 | 1225.7 | 1108.3 | 963.4  |
| 57.5°  | 684.6  | 720.5  | 760.5  | 825.4  | 924.8  | 978.6  | 1029.7 | 1105.6 | 1065.6 | 966.2  | 822.6  |
| 60°    | 618.4  | 639.1  | 679.1  | 741.2  | 825.4  | 872.3  | 912.3  | 953.8  | 919.2  | 811.6  | 701.2  |
| 62.5°  | 545.2  | 568.7  | 597.7  | 647.3  | 721.9  | 766.0  | 795.0  | 813.0  | 777.1  | 694.3  | 593.5  |
| 65°    | 476.2  | 496.9  | 527.3  | 571.4  | 628.0  | 661.1  | 676.3  | 688.7  | 669.4  | 575.6  | 495.5  |
| 67.5°  | 414.1  | 427.9  | 455.5  | 484.5  | 545.2  | 553.5  | 574.2  | 579.7  | 541.1  | 469.3  | 405.8  |
| 70°    | 352.0  | 365.8  | 378.2  | 412.7  | 440.3  | 455.5  | 459.6  | 459.6  | 421.0  | 374.0  | 321.6  |
| 72.5°  | 294.0  | 302.3  | 314.7  | 338.2  | 353.3  | 364.4  | 369.9  | 363.0  | 327.1  | 288.5  | 249.8  |
| 75°    | 238.8  | 242.9  | 254.0  | 269.1  | 281.6  | 277.4  | 276.1  | 267.8  | 241.5  | 213.9  | 191.9  |
| 77.5°  | 183.6  | 186.3  | 198.8  | 202.9  | 202.9  | 207.0  | 201.5  | 193.2  | 171.2  | 150.4  | 140.8  |
| 80°    | 138.0  | 142.2  | 143.5  | 146.3  | 143.5  | 143.5  | 139.4  | 125.6  | 114.6  | 104.9  | 98.0   |
| 82.5°  | 95.2   | 98.0   | 99.4   | 95.2   | 98.0   | 93.9   | 87.0   | 77.3   | 70.4   | 69.0   | 66.3   |
| 85°    | 56.6   | 58.0   | 56.6   | 56.6   | 52.4   | 51.1   | 45.5   | 44.2   | 41.4   | 41.4   | 40.0   |
| 87.5°  | 27.6   | 26.2   | 23.5   | 20.7   | 20.7   | 19.3   | 20.7   | 17.9   | 20.7   | 19.3   | 17.9   |
| 90°    | 3.0    | 5.4    | 7.8    | 10.3   | 12.7   | 13.9   | 14.8   | 16.5   | 18.3   | 20.0   | 21.8   |
| 92.5°  | 25.8   | 28.7   | 31.5   | 34.4   | 37.3   | 38.7   | 39.3   | 40.4   | 41.5   | 42.6   | 43.7   |
| 95°    | 59.5   | 61.5   | 63.5   | 65.5   | 67.5   | 68.5   | 69.3   | 70.8   | 72.3   | 73.9   | 75.4   |
| 97.5°  | 95.3   | 97.1   | 98.8   | 100.6  | 102.3  | 103.2  | 104.1  | 105.8  | 107.6  | 109.3  | 111.1  |
| 100°   | 138.9  | 139.8  | 140.7  | 141.6  | 142.5  | 142.9  | 143.9  | 145.9  | 147.8  | 149.8  | 151.8  |
| 102.5° | 184.6  | 184.8  | 185.0  | 185.3  | 185.5  | 185.6  | 186.5  | 188.2  | 190.0  | 191.7  | 193.5  |
| 105°   | 231.2  | 231.4  | 231.6  | 231.9  | 232.1  | 232.2  | 232.6  | 233.5  | 234.4  | 235.3  | 236.2  |
| 107.5° | 279.9  | 280.1  | 280.3  | 280.5  | 280.7  | 280.8  | 280.9  | 281.1  | 281.4  | 281.6  | 281.8  |
| 110°   | 329.5  | 329.9  | 330.4  | 330.8  | 331.3  | 331.5  | 331.4  | 331.2  | 330.9  | 330.7  | 330.5  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 381.1  | 381.1  | 381.1  | 381.1  | 381.1  | 381.1  | 380.9  | 380.4  | 380.0  | 379.5  | 379.1  |
| 115°   | 432.7  | 432.7  | 432.7  | 432.7  | 432.7  | 432.7  | 432.5  | 432.0  | 431.6  | 431.1  | 430.7  |
| 117.5° | 481.3  | 481.3  | 481.3  | 481.3  | 481.3  | 481.3  | 481.2  | 481.0  | 480.7  | 480.5  | 480.3  |
| 120°   | 529.9  | 530.8  | 531.7  | 532.6  | 533.5  | 533.9  | 533.6  | 532.9  | 532.2  | 531.6  | 530.9  |
| 122.5° | 580.5  | 580.7  | 580.9  | 581.2  | 581.4  | 581.5  | 581.4  | 581.2  | 580.9  | 580.7  | 580.5  |
| 125°   | 630.2  | 630.2  | 630.2  | 630.2  | 630.2  | 630.2  | 630.1  | 629.9  | 629.6  | 629.4  | 629.2  |
| 127.5° | 674.8  | 675.5  | 676.1  | 676.8  | 677.5  | 677.8  | 677.6  | 677.1  | 676.7  | 676.2  | 675.8  |
| 130°   | 722.5  | 723.1  | 723.8  | 724.4  | 725.1  | 725.4  | 725.4  | 725.4  | 725.4  | 725.4  | 725.4  |
| 132.5° | 771.1  | 771.5  | 772.0  | 772.4  | 772.9  | 773.1  | 773.0  | 772.8  | 772.5  | 772.3  | 772.1  |
| 135°   | 812.8  | 814.1  | 815.4  | 816.7  | 818.0  | 818.7  | 818.7  | 818.7  | 818.7  | 818.7  | 818.7  |
| 137.5° | 859.4  | 860.1  | 860.7  | 861.4  | 862.1  | 862.4  | 862.6  | 863.1  | 863.5  | 864.0  | 864.4  |
| 140°   | 906.0  | 906.4  | 906.9  | 907.3  | 907.8  | 908.0  | 908.0  | 908.0  | 908.0  | 908.0  | 908.0  |
| 142.5° | 948.7  | 949.1  | 949.6  | 950.0  | 950.5  | 950.7  | 950.6  | 950.4  | 950.1  | 949.9  | 949.7  |
| 145°   | 987.4  | 988.3  | 989.2  | 990.1  | 991.0  | 991.4  | 991.5  | 991.7  | 992.0  | 992.2  | 992.4  |
| 147.5° | 1027.1 | 1028.2 | 1029.3 | 1030.4 | 1031.5 | 1032.1 | 1032.0 | 1031.8 | 1031.5 | 1031.3 | 1031.1 |
| 150°   | 1062.8 | 1063.7 | 1064.6 | 1065.5 | 1066.4 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 |
| 152.5° | 1096.6 | 1097.0 | 1097.5 | 1097.9 | 1098.4 | 1098.6 | 1098.7 | 1098.9 | 1099.2 | 1099.4 | 1099.6 |
| 155°   | 1131.3 | 1131.3 | 1131.3 | 1131.3 | 1131.3 | 1131.3 | 1131.2 | 1131.0 | 1130.7 | 1130.5 | 1130.3 |
| 157.5° | 1161.1 | 1160.7 | 1160.2 | 1159.8 | 1159.3 | 1159.1 | 1159.1 | 1159.1 | 1159.1 | 1159.1 | 1159.1 |
| 160°   | 1186.9 | 1186.7 | 1186.5 | 1186.2 | 1186.0 | 1185.9 | 1185.8 | 1185.6 | 1185.3 | 1185.1 | 1184.9 |
| 162.5° | 1210.7 | 1210.0 | 1209.4 | 1208.7 | 1208.0 | 1207.7 | 1207.6 | 1207.4 | 1207.1 | 1206.9 | 1206.7 |
| 165°   | 1231.5 | 1230.9 | 1230.2 | 1229.6 | 1228.9 | 1228.6 | 1228.4 | 1227.9 | 1227.5 | 1227.0 | 1226.6 |
| 167.5° | 1248.4 | 1247.5 | 1246.6 | 1245.7 | 1244.8 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.4 |
| 170°   | 1262.3 | 1261.2 | 1260.1 | 1259.0 | 1257.9 | 1257.3 | 1257.4 | 1257.6 | 1257.9 | 1258.1 | 1258.3 |
| 172.5° | 1272.2 | 1271.3 | 1270.5 | 1269.6 | 1268.7 | 1268.3 | 1268.3 | 1268.3 | 1268.3 | 1268.3 | 1268.3 |
| 175°   | 1281.2 | 1280.1 | 1279.0 | 1277.9 | 1276.8 | 1276.2 | 1276.1 | 1275.9 | 1275.6 | 1275.4 | 1275.2 |
| 177.5° | 1285.1 | 1284.0 | 1282.9 | 1281.8 | 1280.7 | 1280.2 | 1280.2 | 1280.2 | 1280.2 | 1280.2 | 1280.2 |
| 180°   | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 |

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CATALOG NUMBER: S124RDIP-B1020D1035UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 |
| 2.5°   | 1795.7 | 1810.9 | 1812.3 | 1826.1 | 1821.9 | 1815.0 | 1827.5 | 1819.2 | 1835.7 | 1830.2 | 1837.1 |
| 5°     | 1900.6 | 1921.3 | 1939.3 | 1950.3 | 1969.6 | 1965.5 | 1986.2 | 1979.3 | 1994.5 | 1979.3 | 1998.6 |
| 7.5°   | 2023.5 | 2058.0 | 2075.9 | 2104.9 | 2113.2 | 2114.6 | 2139.4 | 2144.9 | 2154.6 | 2144.9 | 2156.0 |
| 10°    | 2143.5 | 2184.9 | 2226.4 | 2249.8 | 2265.0 | 2285.7 | 2307.8 | 2317.4 | 2324.3 | 2314.7 | 2321.6 |
| 12.5°  | 2252.6 | 2317.4 | 2363.0 | 2409.9 | 2421.0 | 2438.9 | 2462.4 | 2459.6 | 2487.2 | 2481.7 | 2494.1 |
| 15°    | 2353.3 | 2425.1 | 2480.3 | 2517.6 | 2547.9 | 2563.1 | 2607.3 | 2610.1 | 2608.7 | 2622.5 | 2614.2 |
| 17.5°  | 2443.1 | 2503.8 | 2582.5 | 2630.8 | 2668.0 | 2668.0 | 2692.9 | 2743.9 | 2739.8 | 2738.4 | 2746.7 |
| 20°    | 2516.2 | 2585.2 | 2658.4 | 2739.8 | 2770.2 | 2775.7 | 2810.2 | 2836.4 | 2840.6 | 2840.6 | 2840.6 |
| 22.5°  | 2571.4 | 2652.8 | 2731.5 | 2789.5 | 2813.0 | 2832.3 | 2862.6 | 2879.2 | 2884.7 | 2882.0 | 2884.7 |
| 25°    | 2599.0 | 2676.3 | 2756.4 | 2808.8 | 2822.6 | 2833.7 | 2836.4 | 2846.1 | 2844.7 | 2828.1 | 2837.8 |
| 27.5°  | 2604.5 | 2679.1 | 2731.5 | 2745.3 | 2738.4 | 2731.5 | 2687.4 | 2691.5 | 2679.1 | 2654.2 | 2663.9 |
| 30°    | 2579.7 | 2619.7 | 2618.3 | 2575.6 | 2563.1 | 2534.1 | 2494.1 | 2434.8 | 2386.5 | 2365.8 | 2372.7 |
| 32.5°  | 2490.0 | 2490.0 | 2440.3 | 2343.7 | 2300.9 | 2248.4 | 2176.7 | 2122.8 | 2059.3 | 2045.5 | 2071.8 |
| 35°    | 2365.8 | 2295.4 | 2204.3 | 2077.3 | 2012.4 | 1973.8 | 1849.5 | 1810.9 | 1757.1 | 1741.9 | 1754.3 |
| 37.5°  | 2172.5 | 2055.2 | 1922.7 | 1804.0 | 1748.8 | 1679.8 | 1570.7 | 1515.5 | 1476.9 | 1450.6 | 1463.1 |
| 40°    | 1955.8 | 1813.7 | 1675.6 | 1529.3 | 1468.6 | 1412.0 | 1330.6 | 1280.9 | 1218.8 | 1221.5 | 1225.7 |
| 42.5°  | 1748.8 | 1581.8 | 1427.2 | 1291.9 | 1233.9 | 1187.0 | 1130.4 | 1069.7 | 1047.6 | 1040.7 | 1033.8 |
| 45°    | 1529.3 | 1351.3 | 1206.3 | 1105.6 | 1053.1 | 1009.0 | 956.5  | 922.0  | 895.8  | 890.3  | 897.2  |
| 47.5°  | 1322.3 | 1171.8 | 1033.8 | 940.0  | 897.2  | 875.1  | 833.7  | 801.9  | 785.4  | 771.6  | 779.8  |
| 50°    | 1134.6 | 993.8  | 883.4  | 804.7  | 774.3  | 759.1  | 720.5  | 703.9  | 687.4  | 683.2  | 681.8  |
| 52.5°  | 980.0  | 859.9  | 764.7  | 701.2  | 677.7  | 669.4  | 640.4  | 617.0  | 603.2  | 607.3  | 610.1  |
| 55°    | 839.2  | 737.1  | 662.5  | 611.5  | 592.1  | 582.5  | 561.8  | 545.2  | 535.5  | 531.4  | 534.2  |
| 57.5°  | 715.0  | 626.6  | 572.8  | 531.4  | 516.2  | 512.1  | 490.0  | 484.5  | 477.6  | 473.4  | 473.4  |
| 60°    | 601.8  | 539.7  | 490.0  | 466.5  | 450.0  | 445.8  | 429.3  | 422.4  | 421.0  | 416.8  | 414.1  |
| 62.5°  | 506.6  | 455.5  | 421.0  | 396.1  | 389.2  | 387.9  | 376.8  | 368.5  | 364.4  | 361.6  | 361.6  |
| 65°    | 423.7  | 386.5  | 357.5  | 339.5  | 334.0  | 331.3  | 318.8  | 316.1  | 313.3  | 310.6  | 309.2  |
| 67.5°  | 353.3  | 320.2  | 299.5  | 287.1  | 280.2  | 281.6  | 274.7  | 269.1  | 269.1  | 267.8  | 266.4  |
| 70°    | 285.7  | 265.0  | 247.1  | 240.2  | 237.4  | 234.6  | 231.9  | 227.7  | 226.4  | 226.4  | 226.4  |
| 72.5°  | 225.0  | 211.2  | 201.5  | 197.4  | 194.6  | 191.9  | 189.1  | 189.1  | 189.1  | 187.7  | 187.7  |
| 75°    | 172.5  | 167.0  | 160.1  | 156.0  | 156.0  | 158.7  | 154.6  | 150.4  | 146.3  | 143.5  | 144.9  |
| 77.5°  | 129.7  | 127.0  | 122.8  | 115.9  | 117.3  | 114.6  | 114.6  | 111.8  | 113.2  | 113.2  | 110.4  |
| 80°    | 95.2   | 91.1   | 89.7   | 85.6   | 87.0   | 85.6   | 84.2   | 84.2   | 81.4   | 81.4   | 81.4   |
| 82.5°  | 66.3   | 62.1   | 62.1   | 60.7   | 59.4   | 59.4   | 58.0   | 58.0   | 59.4   | 56.6   | 56.6   |
| 85°    | 40.0   | 38.6   | 38.6   | 35.9   | 35.9   | 35.9   | 35.9   | 37.3   | 35.9   | 34.5   | 34.5   |
| 87.5°  | 17.9   | 19.3   | 17.9   | 16.6   | 16.6   | 16.6   | 15.2   | 15.2   | 13.8   | 15.2   | 15.2   |
| 90°    | 23.1   | 24.5   | 25.8   | 27.1   | 27.8   | 28.0   | 28.5   | 28.9   | 29.4   | 29.8   | 29.4   |
| 92.5°  | 44.3   | 45.0   | 45.6   | 46.3   | 46.6   | 46.7   | 46.9   | 47.2   | 47.4   | 47.6   | 47.4   |
| 95°    | 76.1   | 76.7   | 77.4   | 78.1   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   |
| 97.5°  | 112.0  | 112.9  | 113.8  | 114.7  | 115.1  | 115.1  | 115.1  | 115.1  | 115.1  | 115.1  | 115.1  |
| 100°   | 152.2  | 152.7  | 153.1  | 153.6  | 153.8  | 153.8  | 153.8  | 153.8  | 153.8  | 153.8  | 153.8  |
| 102.5° | 194.2  | 194.8  | 195.5  | 196.2  | 196.5  | 196.6  | 196.8  | 197.1  | 197.3  | 197.5  | 197.3  |
| 105°   | 236.9  | 237.5  | 238.2  | 238.9  | 239.2  | 239.5  | 240.2  | 240.8  | 241.5  | 242.1  | 241.5  |
| 107.5° | 282.7  | 283.6  | 284.5  | 285.4  | 285.8  | 285.7  | 285.5  | 285.2  | 285.0  | 284.8  | 285.0  |
| 110°   | 330.1  | 329.6  | 329.2  | 328.7  | 328.5  | 328.8  | 329.5  | 330.2  | 330.8  | 331.5  | 330.8  |

TEST NUMBER: P1025942

CATALOG NUMBER: S124RDIP-B1020D1035UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  |
| 115°   | 430.5  | 430.3  | 430.0  | 429.8  | 429.7  | 429.6  | 429.4  | 429.1  | 428.9  | 428.7  | 428.9  |
| 117.5° | 479.6  | 479.0  | 478.3  | 477.6  | 477.3  | 477.0  | 476.3  | 475.7  | 475.0  | 474.4  | 475.0  |
| 120°   | 529.8  | 528.7  | 527.6  | 526.5  | 526.0  | 526.2  | 526.6  | 527.1  | 527.5  | 527.9  | 527.5  |
| 122.5° | 579.9  | 579.2  | 578.6  | 577.9  | 577.6  | 577.0  | 575.9  | 574.8  | 573.7  | 572.6  | 573.7  |
| 125°   | 628.8  | 628.3  | 627.9  | 627.4  | 627.2  | 627.0  | 626.5  | 626.1  | 625.6  | 625.2  | 625.6  |
| 127.5° | 675.4  | 674.9  | 674.5  | 674.0  | 673.8  | 673.7  | 673.5  | 673.2  | 673.0  | 672.8  | 673.0  |
| 130°   | 725.0  | 724.5  | 724.1  | 723.6  | 723.4  | 723.0  | 722.1  | 721.2  | 720.4  | 719.5  | 720.4  |
| 132.5° | 771.7  | 771.2  | 770.8  | 770.3  | 770.1  | 770.0  | 769.8  | 769.5  | 769.3  | 769.1  | 769.3  |
| 135°   | 818.3  | 817.8  | 817.4  | 816.9  | 816.7  | 816.4  | 815.7  | 815.1  | 814.4  | 813.8  | 814.4  |
| 137.5° | 863.7  | 863.1  | 862.4  | 861.7  | 861.4  | 861.5  | 861.7  | 862.0  | 862.2  | 862.4  | 862.2  |
| 140°   | 907.8  | 907.6  | 907.3  | 907.1  | 907.0  | 906.9  | 906.7  | 906.4  | 906.2  | 906.0  | 906.2  |
| 142.5° | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  |
| 145°   | 992.2  | 992.0  | 991.7  | 991.5  | 991.4  | 991.1  | 990.4  | 989.7  | 989.1  | 988.4  | 989.1  |
| 147.5° | 1030.9 | 1030.7 | 1030.4 | 1030.2 | 1030.1 | 1030.0 | 1029.8 | 1029.5 | 1029.3 | 1029.1 | 1029.3 |
| 150°   | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.7 | 1066.5 | 1066.2 | 1066.0 | 1065.8 | 1066.0 |
| 152.5° | 1100.2 | 1100.9 | 1101.5 | 1102.2 | 1102.5 | 1102.2 | 1101.5 | 1100.9 | 1100.2 | 1099.6 | 1100.2 |
| 155°   | 1131.2 | 1132.1 | 1133.0 | 1133.9 | 1134.3 | 1133.9 | 1133.0 | 1132.1 | 1131.2 | 1130.3 | 1131.2 |
| 157.5° | 1159.8 | 1160.4 | 1161.1 | 1161.8 | 1162.1 | 1161.8 | 1161.1 | 1160.4 | 1159.8 | 1159.1 | 1159.8 |
| 160°   | 1185.6 | 1186.2 | 1186.9 | 1187.6 | 1187.9 | 1187.3 | 1186.2 | 1185.1 | 1184.0 | 1182.9 | 1184.0 |
| 162.5° | 1208.0 | 1209.4 | 1210.7 | 1212.0 | 1212.7 | 1212.1 | 1211.0 | 1209.9 | 1208.8 | 1207.7 | 1208.8 |
| 165°   | 1227.9 | 1229.2 | 1230.5 | 1231.8 | 1232.5 | 1232.1 | 1231.2 | 1230.3 | 1229.5 | 1228.6 | 1229.5 |
| 167.5° | 1245.7 | 1247.1 | 1248.4 | 1249.7 | 1250.4 | 1249.7 | 1248.4 | 1247.1 | 1245.7 | 1244.4 | 1245.7 |
| 170°   | 1259.6 | 1261.0 | 1262.3 | 1263.6 | 1264.3 | 1263.5 | 1262.0 | 1260.4 | 1258.9 | 1257.3 | 1258.9 |
| 172.5° | 1269.8 | 1271.4 | 1272.9 | 1274.4 | 1275.2 | 1274.4 | 1272.9 | 1271.4 | 1269.8 | 1268.3 | 1269.8 |
| 175°   | 1276.8 | 1278.3 | 1279.9 | 1281.4 | 1282.2 | 1281.4 | 1279.9 | 1278.3 | 1276.8 | 1275.2 | 1276.8 |
| 177.5° | 1281.7 | 1283.3 | 1284.8 | 1286.3 | 1287.1 | 1286.2 | 1284.5 | 1282.7 | 1281.0 | 1279.2 | 1281.0 |
| 180°   | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 |

TEST NUMBER: P1025942

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 |
| 2.5°   | 1841.3 | 1831.6 | 1830.2 | 1830.2 | 1815.0 | 1823.3 | 1806.8 | 1788.8 | 1780.5 | 1780.5 | 1765.3 |
| 5°     | 1994.5 | 1984.8 | 1975.1 | 1960.0 | 1960.0 | 1951.7 | 1925.5 | 1899.2 | 1879.9 | 1863.3 | 1845.4 |
| 7.5°   | 2151.8 | 2142.2 | 2114.6 | 2099.4 | 2107.6 | 2091.1 | 2056.6 | 2012.4 | 1979.3 | 1953.1 | 1915.8 |
| 10°    | 2323.0 | 2296.7 | 2282.9 | 2274.7 | 2245.7 | 2227.7 | 2187.7 | 2122.8 | 2081.4 | 2046.9 | 1998.6 |
| 12.5°  | 2462.4 | 2470.7 | 2418.2 | 2422.3 | 2393.4 | 2368.5 | 2306.4 | 2244.3 | 2182.2 | 2133.9 | 2062.1 |
| 15°    | 2612.8 | 2588.0 | 2556.2 | 2531.4 | 2521.7 | 2491.4 | 2438.9 | 2356.1 | 2288.5 | 2212.5 | 2131.1 |
| 17.5°  | 2731.5 | 2712.2 | 2681.8 | 2658.4 | 2637.7 | 2564.5 | 2520.3 | 2447.2 | 2354.7 | 2280.2 | 2180.8 |
| 20°    | 2832.3 | 2814.3 | 2771.6 | 2756.4 | 2719.1 | 2666.7 | 2603.2 | 2490.0 | 2407.2 | 2325.7 | 2229.1 |
| 22.5°  | 2875.1 | 2857.1 | 2819.9 | 2800.5 | 2777.1 | 2726.0 | 2665.3 | 2557.6 | 2455.5 | 2353.3 | 2251.2 |
| 25°    | 2839.2 | 2839.2 | 2821.2 | 2814.3 | 2793.6 | 2748.1 | 2686.0 | 2594.9 | 2485.8 | 2375.4 | 2254.0 |
| 27.5°  | 2665.3 | 2699.8 | 2712.2 | 2719.1 | 2719.1 | 2720.5 | 2677.7 | 2589.4 | 2483.1 | 2375.4 | 2248.4 |
| 30°    | 2414.1 | 2472.0 | 2523.1 | 2538.3 | 2564.5 | 2593.5 | 2611.4 | 2568.7 | 2473.4 | 2360.2 | 2233.3 |
| 32.5°  | 2098.0 | 2172.5 | 2267.8 | 2291.2 | 2327.1 | 2414.1 | 2462.4 | 2480.3 | 2427.9 | 2328.5 | 2193.2 |
| 35°    | 1783.3 | 1877.1 | 1935.1 | 2006.9 | 2040.0 | 2168.4 | 2276.0 | 2340.9 | 2328.5 | 2269.1 | 2146.3 |
| 37.5°  | 1508.6 | 1562.4 | 1632.8 | 1708.8 | 1775.0 | 1897.9 | 2031.7 | 2157.3 | 2208.4 | 2179.4 | 2086.9 |
| 40°    | 1245.0 | 1308.5 | 1392.7 | 1454.8 | 1500.3 | 1623.2 | 1788.8 | 1925.5 | 2037.3 | 2055.2 | 1998.6 |
| 42.5°  | 1058.7 | 1122.1 | 1173.2 | 1240.8 | 1276.7 | 1395.4 | 1541.7 | 1712.9 | 1845.4 | 1915.8 | 1890.9 |
| 45°    | 915.1  | 953.8  | 995.2  | 1033.8 | 1078.0 | 1182.9 | 1318.1 | 1505.9 | 1654.9 | 1754.3 | 1764.0 |
| 47.5°  | 789.5  | 824.0  | 859.9  | 895.8  | 920.6  | 1002.1 | 1126.3 | 1279.5 | 1442.4 | 1579.0 | 1632.8 |
| 50°    | 701.2  | 717.7  | 744.0  | 764.7  | 793.6  | 864.0  | 963.4  | 1095.9 | 1268.5 | 1416.1 | 1486.5 |
| 52.5°  | 614.2  | 634.9  | 655.6  | 673.6  | 692.9  | 742.6  | 833.7  | 948.2  | 1097.3 | 1249.1 | 1336.1 |
| 55°    | 541.1  | 557.6  | 576.9  | 589.4  | 600.4  | 644.6  | 713.6  | 801.9  | 930.3  | 1073.8 | 1181.5 |
| 57.5°  | 481.7  | 488.6  | 505.2  | 512.1  | 524.5  | 560.4  | 610.1  | 688.7  | 792.3  | 931.7  | 1020.0 |
| 60°    | 416.8  | 430.6  | 443.1  | 448.6  | 458.2  | 483.1  | 517.6  | 590.7  | 680.5  | 782.6  | 883.4  |
| 62.5°  | 364.4  | 369.9  | 379.6  | 386.5  | 393.4  | 419.6  | 448.6  | 503.8  | 571.4  | 657.0  | 749.5  |
| 65°    | 316.1  | 318.8  | 324.4  | 334.0  | 338.2  | 357.5  | 374.0  | 414.1  | 477.6  | 542.4  | 634.9  |
| 67.5°  | 266.4  | 269.1  | 276.1  | 281.6  | 285.7  | 298.1  | 316.1  | 345.1  | 379.6  | 451.3  | 502.4  |
| 70°    | 227.7  | 227.7  | 231.9  | 234.6  | 238.8  | 244.3  | 254.0  | 276.1  | 307.8  | 353.3  | 400.3  |
| 72.5°  | 190.5  | 190.5  | 190.5  | 194.6  | 194.6  | 198.8  | 204.3  | 219.5  | 241.5  | 277.4  | 307.8  |
| 75°    | 147.7  | 149.1  | 151.8  | 151.8  | 153.2  | 158.7  | 162.9  | 167.0  | 178.1  | 201.5  | 229.1  |
| 77.5°  | 111.8  | 114.6  | 115.9  | 113.2  | 115.9  | 115.9  | 121.5  | 127.0  | 132.5  | 139.4  | 160.1  |
| 80°    | 82.8   | 84.2   | 81.4   | 82.8   | 82.8   | 85.6   | 88.3   | 87.0   | 89.7   | 98.0   | 103.5  |
| 82.5°  | 55.2   | 56.6   | 56.6   | 56.6   | 56.6   | 60.7   | 60.7   | 59.4   | 60.7   | 62.1   | 63.5   |
| 85°    | 34.5   | 33.1   | 33.1   | 34.5   | 33.1   | 33.1   | 34.5   | 35.9   | 34.5   | 35.9   | 37.3   |
| 87.5°  | 15.2   | 15.2   | 15.2   | 15.2   | 13.8   | 13.8   | 15.2   | 13.8   | 15.2   | 13.8   | 12.4   |
| 90°    | 28.9   | 28.5   | 28.0   | 27.8   | 27.1   | 25.8   | 24.5   | 23.1   | 21.8   | 20.0   | 18.3   |
| 92.5°  | 47.2   | 46.9   | 46.7   | 46.6   | 46.3   | 45.6   | 45.0   | 44.3   | 43.7   | 42.6   | 41.5   |
| 95°    | 78.4   | 78.4   | 78.4   | 78.4   | 78.1   | 77.4   | 76.7   | 76.1   | 75.4   | 73.9   | 72.3   |
| 97.5°  | 115.1  | 115.1  | 115.1  | 115.1  | 114.7  | 113.8  | 112.9  | 112.0  | 111.1  | 109.3  | 107.6  |
| 100°   | 153.8  | 153.8  | 153.8  | 153.8  | 153.6  | 153.1  | 152.7  | 152.2  | 151.8  | 149.8  | 147.8  |
| 102.5° | 197.1  | 196.8  | 196.6  | 196.5  | 196.2  | 195.5  | 194.8  | 194.2  | 193.5  | 191.7  | 190.0  |
| 105°   | 240.8  | 240.2  | 239.5  | 239.2  | 238.9  | 238.2  | 237.5  | 236.9  | 236.2  | 235.3  | 234.4  |
| 107.5° | 285.2  | 285.5  | 285.7  | 285.8  | 285.4  | 284.5  | 283.6  | 282.7  | 281.8  | 281.6  | 281.4  |
| 110°   | 330.2  | 329.5  | 328.8  | 328.5  | 328.7  | 329.2  | 329.6  | 330.1  | 330.5  | 330.7  | 330.9  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.5  | 380.0  |
| 115°   | 429.1  | 429.4  | 429.6  | 429.7  | 429.8  | 430.0  | 430.3  | 430.5  | 430.7  | 431.1  | 431.6  |
| 117.5° | 475.7  | 476.3  | 477.0  | 477.3  | 477.6  | 478.3  | 479.0  | 479.6  | 480.3  | 480.5  | 480.7  |
| 120°   | 527.1  | 526.6  | 526.2  | 526.0  | 526.5  | 527.6  | 528.7  | 529.8  | 530.9  | 531.6  | 532.2  |
| 122.5° | 574.8  | 575.9  | 577.0  | 577.6  | 577.9  | 578.6  | 579.2  | 579.9  | 580.5  | 580.7  | 580.9  |
| 125°   | 626.1  | 626.5  | 627.0  | 627.2  | 627.4  | 627.9  | 628.3  | 628.8  | 629.2  | 629.4  | 629.6  |
| 127.5° | 673.2  | 673.5  | 673.7  | 673.8  | 674.0  | 674.5  | 674.9  | 675.4  | 675.8  | 676.2  | 676.7  |
| 130°   | 721.2  | 722.1  | 723.0  | 723.4  | 723.6  | 724.1  | 724.5  | 725.0  | 725.4  | 725.4  | 725.4  |
| 132.5° | 769.5  | 769.8  | 770.0  | 770.1  | 770.3  | 770.8  | 771.2  | 771.7  | 772.1  | 772.3  | 772.5  |
| 135°   | 815.1  | 815.7  | 816.4  | 816.7  | 816.9  | 817.4  | 817.8  | 818.3  | 818.7  | 818.7  | 818.7  |
| 137.5° | 862.0  | 861.7  | 861.5  | 861.4  | 861.7  | 862.4  | 863.1  | 863.7  | 864.4  | 864.0  | 863.5  |
| 140°   | 906.4  | 906.7  | 906.9  | 907.0  | 907.1  | 907.3  | 907.6  | 907.8  | 908.0  | 908.0  | 908.0  |
| 142.5° | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.9  | 950.1  |
| 145°   | 989.7  | 990.4  | 991.1  | 991.4  | 991.5  | 991.7  | 992.0  | 992.2  | 992.4  | 992.2  | 992.0  |
| 147.5° | 1029.5 | 1029.8 | 1030.0 | 1030.1 | 1030.2 | 1030.4 | 1030.7 | 1030.9 | 1031.1 | 1031.3 | 1031.5 |
| 150°   | 1066.2 | 1066.5 | 1066.7 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 |
| 152.5° | 1100.9 | 1101.5 | 1102.2 | 1102.5 | 1102.2 | 1101.5 | 1100.9 | 1100.2 | 1099.6 | 1099.4 | 1099.2 |
| 155°   | 1132.1 | 1133.0 | 1133.9 | 1134.3 | 1133.9 | 1133.0 | 1132.1 | 1131.2 | 1130.3 | 1130.5 | 1130.7 |
| 157.5° | 1160.4 | 1161.1 | 1161.8 | 1162.1 | 1161.8 | 1161.1 | 1160.4 | 1159.8 | 1159.1 | 1159.1 | 1159.1 |
| 160°   | 1185.1 | 1186.2 | 1187.3 | 1187.9 | 1187.6 | 1186.9 | 1186.2 | 1185.6 | 1184.9 | 1185.1 | 1185.3 |
| 162.5° | 1209.9 | 1211.0 | 1212.1 | 1212.7 | 1212.0 | 1210.7 | 1209.4 | 1208.0 | 1206.7 | 1206.9 | 1207.1 |
| 165°   | 1230.3 | 1231.2 | 1232.1 | 1232.5 | 1231.8 | 1230.5 | 1229.2 | 1227.9 | 1226.6 | 1227.0 | 1227.5 |
| 167.5° | 1247.1 | 1248.4 | 1249.7 | 1250.4 | 1249.7 | 1248.4 | 1247.1 | 1245.7 | 1244.4 | 1244.4 | 1244.4 |
| 170°   | 1260.4 | 1262.0 | 1263.5 | 1264.3 | 1263.6 | 1262.3 | 1261.0 | 1259.6 | 1258.3 | 1258.1 | 1257.9 |
| 172.5° | 1271.4 | 1272.9 | 1274.4 | 1275.2 | 1274.4 | 1272.9 | 1271.4 | 1269.8 | 1268.3 | 1268.3 | 1268.3 |
| 175°   | 1278.3 | 1279.9 | 1281.4 | 1282.2 | 1281.4 | 1279.9 | 1278.3 | 1276.8 | 1275.2 | 1275.4 | 1275.6 |
| 177.5° | 1282.7 | 1284.5 | 1286.2 | 1287.1 | 1286.3 | 1284.8 | 1283.3 | 1281.7 | 1280.2 | 1280.2 | 1280.2 |
| 180°   | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 |
| 2.5°   | 1757.1 | 1750.2 | 1746.0 | 1744.6 | 1732.2 | 1725.3 | 1721.2 | 1718.4 | 1714.3 | 1703.2 | 1693.6 |
| 5°     | 1823.3 | 1804.0 | 1794.3 | 1783.3 | 1764.0 | 1741.9 | 1723.9 | 1712.9 | 1699.1 | 1677.0 | 1656.3 |
| 7.5°   | 1885.4 | 1856.4 | 1837.1 | 1821.9 | 1788.8 | 1752.9 | 1723.9 | 1700.5 | 1674.2 | 1643.9 | 1614.9 |
| 10°    | 1950.3 | 1903.4 | 1878.5 | 1855.1 | 1806.8 | 1759.8 | 1718.4 | 1683.9 | 1646.6 | 1606.6 | 1574.9 |
| 12.5°  | 2001.4 | 1939.3 | 1911.7 | 1878.5 | 1819.2 | 1764.0 | 1711.5 | 1664.6 | 1616.3 | 1573.5 | 1527.9 |
| 15°    | 2060.7 | 1983.4 | 1951.7 | 1908.9 | 1827.5 | 1755.7 | 1688.1 | 1637.0 | 1587.3 | 1523.8 | 1475.5 |
| 17.5°  | 2095.2 | 2005.5 | 1960.0 | 1922.7 | 1834.4 | 1747.4 | 1668.7 | 1605.2 | 1547.3 | 1483.8 | 1432.7 |
| 20°    | 2129.7 | 2027.6 | 1976.5 | 1924.1 | 1819.2 | 1726.7 | 1643.9 | 1568.0 | 1507.2 | 1438.2 | 1385.8 |
| 22.5°  | 2140.8 | 2022.1 | 1968.2 | 1919.9 | 1809.5 | 1706.0 | 1610.8 | 1533.5 | 1463.1 | 1394.1 | 1334.7 |
| 25°    | 2140.8 | 2020.7 | 1957.2 | 1895.1 | 1779.1 | 1672.9 | 1577.6 | 1493.4 | 1414.8 | 1345.7 | 1286.4 |
| 27.5°  | 2118.7 | 1993.1 | 1926.8 | 1870.2 | 1750.2 | 1635.6 | 1537.6 | 1445.1 | 1369.2 | 1300.2 | 1232.6 |
| 30°    | 2091.1 | 1953.1 | 1886.8 | 1819.2 | 1703.2 | 1594.2 | 1487.9 | 1402.3 | 1322.3 | 1243.6 | 1182.9 |
| 32.5°  | 2056.6 | 1910.3 | 1837.1 | 1768.1 | 1645.3 | 1532.1 | 1434.1 | 1349.9 | 1274.0 | 1192.5 | 1124.9 |
| 35°    | 2006.9 | 1846.8 | 1765.3 | 1704.6 | 1585.9 | 1468.6 | 1374.7 | 1291.9 | 1218.8 | 1134.6 | 1061.4 |
| 37.5°  | 1943.4 | 1788.8 | 1706.0 | 1631.5 | 1508.6 | 1401.0 | 1312.6 | 1232.6 | 1160.8 | 1083.5 | 1002.1 |
| 40°    | 1868.9 | 1707.4 | 1635.6 | 1556.9 | 1427.2 | 1325.0 | 1242.2 | 1170.5 | 1098.7 | 1025.5 | 946.9  |
| 42.5°  | 1784.7 | 1624.6 | 1544.5 | 1468.6 | 1344.4 | 1243.6 | 1166.3 | 1101.4 | 1035.2 | 967.6  | 883.4  |
| 45°    | 1683.9 | 1533.5 | 1456.2 | 1384.4 | 1264.3 | 1160.8 | 1090.4 | 1028.3 | 971.7  | 902.7  | 828.2  |
| 47.5°  | 1570.7 | 1439.6 | 1360.9 | 1283.6 | 1166.3 | 1076.6 | 1007.6 | 955.1  | 906.8  | 837.8  | 770.2  |
| 50°    | 1460.3 | 1330.6 | 1267.1 | 1188.4 | 1080.7 | 996.5  | 926.2  | 882.0  | 844.7  | 777.1  | 716.4  |
| 52.5°  | 1320.9 | 1222.9 | 1162.2 | 1094.5 | 991.0  | 905.4  | 850.2  | 811.6  | 767.4  | 715.0  | 661.1  |
| 55°    | 1198.1 | 1107.0 | 1058.7 | 995.2  | 893.0  | 817.1  | 770.2  | 734.3  | 699.8  | 652.9  | 610.1  |
| 57.5°  | 1058.7 | 1002.1 | 953.8  | 898.5  | 797.8  | 732.9  | 691.5  | 661.1  | 629.4  | 590.7  | 556.2  |
| 60°    | 912.3  | 886.1  | 839.2  | 795.0  | 709.5  | 652.9  | 618.4  | 590.7  | 560.4  | 528.6  | 499.7  |
| 62.5°  | 782.6  | 767.4  | 739.8  | 705.3  | 625.3  | 576.9  | 542.4  | 521.7  | 499.7  | 470.7  | 443.1  |
| 65°    | 659.8  | 652.9  | 626.6  | 601.8  | 546.6  | 503.8  | 473.4  | 461.0  | 436.2  | 414.1  | 389.2  |
| 67.5°  | 550.7  | 542.4  | 527.3  | 516.2  | 469.3  | 429.3  | 414.1  | 397.5  | 376.8  | 360.2  | 339.5  |
| 70°    | 440.3  | 438.9  | 429.3  | 415.5  | 390.6  | 361.6  | 346.4  | 335.4  | 314.7  | 302.3  | 287.1  |
| 72.5°  | 342.3  | 349.2  | 340.9  | 335.4  | 318.8  | 298.1  | 284.3  | 277.4  | 260.9  | 251.2  | 240.2  |
| 75°    | 255.3  | 260.9  | 265.0  | 255.3  | 251.2  | 241.5  | 229.1  | 222.2  | 213.9  | 200.1  | 196.0  |
| 77.5°  | 173.9  | 186.3  | 186.3  | 189.1  | 190.5  | 185.0  | 175.3  | 169.8  | 160.1  | 157.3  | 151.8  |
| 80°    | 114.6  | 125.6  | 127.0  | 129.7  | 133.9  | 133.9  | 127.0  | 125.6  | 115.9  | 114.6  | 110.4  |
| 82.5°  | 66.3   | 75.9   | 81.4   | 85.6   | 84.2   | 89.7   | 84.2   | 82.8   | 77.3   | 77.3   | 74.5   |
| 85°    | 35.9   | 37.3   | 40.0   | 42.8   | 45.5   | 48.3   | 48.3   | 46.9   | 45.5   | 44.2   | 41.4   |
| 87.5°  | 13.8   | 13.8   | 15.2   | 13.8   | 15.2   | 17.9   | 19.3   | 19.3   | 17.9   | 16.6   | 13.8   |
| 90°    | 16.5   | 14.8   | 13.9   | 12.7   | 10.3   | 7.8    | 5.4    | 3.0    | 5.4    | 7.8    | 10.3   |
| 92.5°  | 40.4   | 39.3   | 38.7   | 37.3   | 34.4   | 31.5   | 28.7   | 25.8   | 28.7   | 31.5   | 34.4   |
| 95°    | 70.8   | 69.3   | 68.5   | 67.5   | 65.5   | 63.5   | 61.5   | 59.5   | 61.5   | 63.5   | 65.5   |
| 97.5°  | 105.8  | 104.1  | 103.2  | 102.3  | 100.6  | 98.8   | 97.1   | 95.3   | 97.1   | 98.8   | 100.6  |
| 100°   | 145.9  | 143.9  | 142.9  | 142.5  | 141.6  | 140.7  | 139.8  | 138.9  | 139.8  | 140.7  | 141.6  |
| 102.5° | 188.2  | 186.5  | 185.6  | 185.5  | 185.3  | 185.0  | 184.8  | 184.6  | 184.8  | 185.0  | 185.3  |
| 105°   | 233.5  | 232.6  | 232.2  | 232.1  | 231.9  | 231.6  | 231.4  | 231.2  | 231.4  | 231.6  | 231.9  |
| 107.5° | 281.1  | 280.9  | 280.8  | 280.7  | 280.5  | 280.3  | 280.1  | 279.9  | 280.1  | 280.3  | 280.5  |
| 110°   | 331.2  | 331.4  | 331.5  | 331.3  | 330.8  | 330.4  | 329.9  | 329.5  | 329.9  | 330.4  | 330.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 380.4  | 380.9  | 381.1  | 381.1  | 381.1  | 381.1  | 381.1  | 381.1  | 381.1  | 381.1  | 381.1  |
| 115°   | 432.0  | 432.5  | 432.7  | 432.7  | 432.7  | 432.7  | 432.7  | 432.7  | 432.7  | 432.7  | 432.7  |
| 117.5° | 481.0  | 481.2  | 481.3  | 481.3  | 481.3  | 481.3  | 481.3  | 481.3  | 481.3  | 481.3  | 481.3  |
| 120°   | 532.9  | 533.6  | 533.9  | 533.5  | 532.6  | 531.7  | 530.8  | 529.9  | 530.8  | 531.7  | 532.6  |
| 122.5° | 581.2  | 581.4  | 581.5  | 581.4  | 581.2  | 580.9  | 580.7  | 580.5  | 580.7  | 580.9  | 581.2  |
| 125°   | 629.9  | 630.1  | 630.2  | 630.2  | 630.2  | 630.2  | 630.2  | 630.2  | 630.2  | 630.2  | 630.2  |
| 127.5° | 677.1  | 677.6  | 677.8  | 677.5  | 676.8  | 676.1  | 675.5  | 674.8  | 675.5  | 676.1  | 676.8  |
| 130°   | 725.4  | 725.4  | 725.4  | 725.1  | 724.4  | 723.8  | 723.1  | 722.5  | 723.1  | 723.8  | 724.4  |
| 132.5° | 772.8  | 773.0  | 773.1  | 772.9  | 772.4  | 772.0  | 771.5  | 771.1  | 771.5  | 772.0  | 772.4  |
| 135°   | 818.7  | 818.7  | 818.7  | 818.0  | 816.7  | 815.4  | 814.1  | 812.8  | 814.1  | 815.4  | 816.7  |
| 137.5° | 863.1  | 862.6  | 862.4  | 862.1  | 861.4  | 860.7  | 860.1  | 859.4  | 860.1  | 860.7  | 861.4  |
| 140°   | 908.0  | 908.0  | 908.0  | 907.8  | 907.3  | 906.9  | 906.4  | 906.0  | 906.4  | 906.9  | 907.3  |
| 142.5° | 950.4  | 950.6  | 950.7  | 950.5  | 950.0  | 949.6  | 949.1  | 948.7  | 949.1  | 949.6  | 950.0  |
| 145°   | 991.7  | 991.5  | 991.4  | 991.0  | 990.1  | 989.2  | 988.3  | 987.4  | 988.3  | 989.2  | 990.1  |
| 147.5° | 1031.8 | 1032.0 | 1032.1 | 1031.5 | 1030.4 | 1029.3 | 1028.2 | 1027.1 | 1028.2 | 1029.3 | 1030.4 |
| 150°   | 1066.8 | 1066.8 | 1066.8 | 1066.4 | 1065.5 | 1064.6 | 1063.7 | 1062.8 | 1063.7 | 1064.6 | 1065.5 |
| 152.5° | 1098.9 | 1098.7 | 1098.6 | 1098.4 | 1097.9 | 1097.5 | 1097.0 | 1096.6 | 1097.0 | 1097.5 | 1097.9 |
| 155°   | 1131.0 | 1131.2 | 1131.3 | 1131.3 | 1131.3 | 1131.3 | 1131.3 | 1131.3 | 1131.3 | 1131.3 | 1131.3 |
| 157.5° | 1159.1 | 1159.1 | 1159.1 | 1159.3 | 1159.8 | 1160.2 | 1160.7 | 1161.1 | 1160.7 | 1160.2 | 1159.8 |
| 160°   | 1185.6 | 1185.8 | 1185.9 | 1186.0 | 1186.2 | 1186.5 | 1186.7 | 1186.9 | 1186.7 | 1186.5 | 1186.2 |
| 162.5° | 1207.4 | 1207.6 | 1207.7 | 1208.0 | 1208.7 | 1209.4 | 1210.0 | 1210.7 | 1210.0 | 1209.4 | 1208.7 |
| 165°   | 1227.9 | 1228.4 | 1228.6 | 1228.9 | 1229.6 | 1230.2 | 1230.9 | 1231.5 | 1230.9 | 1230.2 | 1229.6 |
| 167.5° | 1244.4 | 1244.4 | 1244.4 | 1244.8 | 1245.7 | 1246.6 | 1247.5 | 1248.4 | 1247.5 | 1246.6 | 1245.7 |
| 170°   | 1257.6 | 1257.4 | 1257.3 | 1257.9 | 1259.0 | 1260.1 | 1261.2 | 1262.3 | 1261.2 | 1260.1 | 1259.0 |
| 172.5° | 1268.3 | 1268.3 | 1268.3 | 1268.7 | 1269.6 | 1270.5 | 1271.3 | 1272.2 | 1271.3 | 1270.5 | 1269.6 |
| 175°   | 1275.9 | 1276.1 | 1276.2 | 1276.8 | 1277.9 | 1279.0 | 1280.1 | 1281.2 | 1280.1 | 1279.0 | 1277.9 |
| 177.5° | 1280.2 | 1280.2 | 1280.2 | 1280.7 | 1281.8 | 1282.9 | 1284.0 | 1285.1 | 1284.0 | 1282.9 | 1281.8 |
| 180°   | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 |
| 2.5°   | 1685.3 | 1682.5 | 1679.8 | 1668.7 | 1659.1 | 1642.5 | 1628.7 | 1623.2 | 1621.8 | 1623.2 | 1619.0 |
| 5°     | 1637.0 | 1635.6 | 1625.9 | 1606.6 | 1588.7 | 1569.3 | 1555.5 | 1541.7 | 1533.5 | 1533.5 | 1523.8 |
| 7.5°   | 1591.4 | 1581.8 | 1573.5 | 1548.6 | 1527.9 | 1501.7 | 1481.0 | 1468.6 | 1461.7 | 1446.5 | 1446.5 |
| 10°    | 1543.1 | 1529.3 | 1518.3 | 1494.8 | 1464.5 | 1438.2 | 1412.0 | 1396.8 | 1384.4 | 1373.4 | 1369.2 |
| 12.5°  | 1494.8 | 1483.8 | 1463.1 | 1438.2 | 1407.9 | 1374.7 | 1347.1 | 1336.1 | 1307.1 | 1283.6 | 1285.0 |
| 15°    | 1449.3 | 1424.4 | 1414.8 | 1378.9 | 1343.0 | 1311.2 | 1271.2 | 1239.5 | 1216.0 | 1200.8 | 1181.5 |
| 17.5°  | 1398.2 | 1373.4 | 1355.4 | 1325.0 | 1278.1 | 1228.4 | 1189.8 | 1147.0 | 1123.5 | 1097.3 | 1084.9 |
| 20°    | 1341.6 | 1320.9 | 1307.1 | 1258.8 | 1202.2 | 1142.9 | 1100.1 | 1073.8 | 1047.6 | 1028.3 | 1017.2 |
| 22.5°  | 1293.3 | 1267.1 | 1250.5 | 1185.6 | 1123.5 | 1064.2 | 1031.1 | 1009.0 | 986.9  | 970.3  | 964.8  |
| 25°    | 1231.2 | 1216.0 | 1176.0 | 1119.4 | 1043.5 | 1003.4 | 974.5  | 945.5  | 933.1  | 922.0  | 909.6  |
| 27.5°  | 1180.1 | 1142.9 | 1115.2 | 1040.7 | 993.8  | 948.2  | 919.2  | 897.2  | 882.0  | 870.9  | 861.3  |
| 30°    | 1116.6 | 1082.1 | 1043.5 | 981.4  | 938.6  | 895.8  | 869.6  | 851.6  | 835.1  | 828.2  | 819.9  |
| 32.5°  | 1050.4 | 1018.6 | 981.4  | 931.7  | 879.2  | 846.1  | 825.4  | 806.1  | 795.0  | 788.1  | 778.5  |
| 35°    | 991.0  | 951.0  | 926.2  | 879.2  | 836.4  | 799.2  | 779.8  | 763.3  | 750.9  | 748.1  | 746.7  |
| 37.5°  | 927.5  | 897.2  | 873.7  | 825.4  | 789.5  | 757.8  | 739.8  | 721.9  | 715.0  | 713.6  | 708.1  |
| 40°    | 872.3  | 846.1  | 824.0  | 778.5  | 739.8  | 710.8  | 697.0  | 686.0  | 679.1  | 679.1  | 677.7  |
| 42.5°  | 824.0  | 796.4  | 774.3  | 732.9  | 698.4  | 672.2  | 657.0  | 646.0  | 643.2  | 644.6  | 643.2  |
| 45°    | 770.2  | 746.7  | 724.6  | 681.8  | 652.9  | 633.5  | 617.0  | 611.5  | 607.3  | 608.7  | 610.1  |
| 47.5°  | 719.1  | 699.8  | 677.7  | 643.2  | 610.1  | 589.4  | 579.7  | 574.2  | 574.2  | 574.2  | 576.9  |
| 50°    | 673.6  | 651.5  | 632.2  | 596.3  | 565.9  | 549.3  | 541.1  | 534.2  | 535.5  | 536.9  | 538.3  |
| 52.5°  | 619.7  | 600.4  | 586.6  | 550.7  | 528.6  | 507.9  | 498.3  | 499.7  | 498.3  | 498.3  | 501.0  |
| 55°    | 572.8  | 553.5  | 539.7  | 506.6  | 484.5  | 470.7  | 462.4  | 458.2  | 459.6  | 456.9  | 462.4  |
| 57.5°  | 520.4  | 503.8  | 494.1  | 462.4  | 443.1  | 430.6  | 423.7  | 416.8  | 419.6  | 418.2  | 416.8  |
| 60°    | 474.8  | 455.5  | 440.3  | 418.2  | 401.7  | 386.5  | 382.3  | 375.4  | 378.2  | 375.4  | 374.0  |
| 62.5°  | 422.4  | 407.2  | 396.1  | 374.0  | 360.2  | 347.8  | 338.2  | 334.0  | 332.6  | 328.5  | 324.4  |
| 65°    | 369.9  | 361.6  | 350.6  | 328.5  | 314.7  | 305.0  | 299.5  | 295.4  | 294.0  | 283.0  | 270.5  |
| 67.5°  | 321.6  | 316.1  | 305.0  | 288.5  | 276.1  | 266.4  | 258.1  | 251.2  | 242.9  | 234.6  | 227.7  |
| 70°    | 276.1  | 267.8  | 260.9  | 245.7  | 234.6  | 225.0  | 216.7  | 208.4  | 204.3  | 196.0  | 193.2  |
| 72.5°  | 231.9  | 223.6  | 216.7  | 202.9  | 193.2  | 183.6  | 180.8  | 171.2  | 167.0  | 165.6  | 165.6  |
| 75°    | 186.3  | 179.4  | 175.3  | 162.9  | 154.6  | 147.7  | 143.5  | 140.8  | 138.0  | 135.3  | 131.1  |
| 77.5°  | 142.2  | 138.0  | 135.3  | 127.0  | 120.1  | 115.9  | 114.6  | 104.9  | 102.1  | 99.4   | 96.6   |
| 80°    | 103.5  | 102.1  | 99.4   | 92.5   | 89.7   | 80.1   | 80.1   | 77.3   | 75.9   | 75.9   | 75.9   |
| 82.5°  | 70.4   | 67.6   | 66.3   | 59.4   | 58.0   | 56.6   | 55.2   | 53.8   | 55.2   | 53.8   | 55.2   |
| 85°    | 37.3   | 35.9   | 34.5   | 34.5   | 34.5   | 34.5   | 34.5   | 34.5   | 34.5   | 33.1   | 34.5   |
| 87.5°  | 13.8   | 13.8   | 13.8   | 13.8   | 12.4   | 13.8   | 13.8   | 12.4   | 13.8   | 13.8   | 13.8   |
| 90°    | 12.7   | 13.9   | 14.8   | 16.5   | 18.3   | 20.0   | 21.8   | 23.1   | 24.5   | 25.8   | 27.1   |
| 92.5°  | 37.3   | 38.7   | 39.3   | 40.4   | 41.5   | 42.6   | 43.7   | 44.3   | 45.0   | 45.6   | 46.3   |
| 95°    | 67.5   | 68.5   | 69.3   | 70.8   | 72.3   | 73.9   | 75.4   | 76.1   | 76.7   | 77.4   | 78.1   |
| 97.5°  | 102.3  | 103.2  | 104.1  | 105.8  | 107.6  | 109.3  | 111.1  | 112.0  | 112.9  | 113.8  | 114.7  |
| 100°   | 142.5  | 142.9  | 143.9  | 145.9  | 147.8  | 149.8  | 151.8  | 152.2  | 152.7  | 153.1  | 153.6  |
| 102.5° | 185.5  | 185.6  | 186.5  | 188.2  | 190.0  | 191.7  | 193.5  | 194.2  | 194.8  | 195.5  | 196.2  |
| 105°   | 232.1  | 232.2  | 232.6  | 233.5  | 234.4  | 235.3  | 236.2  | 236.9  | 237.5  | 238.2  | 238.9  |
| 107.5° | 280.7  | 280.8  | 280.9  | 281.1  | 281.4  | 281.6  | 281.8  | 282.7  | 283.6  | 284.5  | 285.4  |
| 110°   | 331.3  | 331.5  | 331.4  | 331.2  | 330.9  | 330.7  | 330.5  | 330.1  | 329.6  | 329.2  | 328.7  |

TEST NUMBER: P1025942

CATALOG NUMBER: S124RDIP-B1020D1035UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 381.1  | 381.1  | 380.9  | 380.4  | 380.0  | 379.5  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  |
| 115°   | 432.7  | 432.7  | 432.5  | 432.0  | 431.6  | 431.1  | 430.7  | 430.5  | 430.3  | 430.0  | 429.8  |
| 117.5° | 481.3  | 481.3  | 481.2  | 481.0  | 480.7  | 480.5  | 480.3  | 479.6  | 479.0  | 478.3  | 477.6  |
| 120°   | 533.5  | 533.9  | 533.6  | 532.9  | 532.2  | 531.6  | 530.9  | 529.8  | 528.7  | 527.6  | 526.5  |
| 122.5° | 581.4  | 581.5  | 581.4  | 581.2  | 580.9  | 580.7  | 580.5  | 579.9  | 579.2  | 578.6  | 577.9  |
| 125°   | 630.2  | 630.2  | 630.1  | 629.9  | 629.6  | 629.4  | 629.2  | 628.8  | 628.3  | 627.9  | 627.4  |
| 127.5° | 677.5  | 677.8  | 677.6  | 677.1  | 676.7  | 676.2  | 675.8  | 675.4  | 674.9  | 674.5  | 674.0  |
| 130°   | 725.1  | 725.4  | 725.4  | 725.4  | 725.4  | 725.4  | 725.4  | 725.0  | 724.5  | 724.1  | 723.6  |
| 132.5° | 772.9  | 773.1  | 773.0  | 772.8  | 772.5  | 772.3  | 772.1  | 771.7  | 771.2  | 770.8  | 770.3  |
| 135°   | 818.0  | 818.7  | 818.7  | 818.7  | 818.7  | 818.7  | 818.7  | 818.3  | 817.8  | 817.4  | 816.9  |
| 137.5° | 862.1  | 862.4  | 862.6  | 863.1  | 863.5  | 864.0  | 864.4  | 863.7  | 863.1  | 862.4  | 861.7  |
| 140°   | 907.8  | 908.0  | 908.0  | 908.0  | 908.0  | 908.0  | 908.0  | 907.8  | 907.6  | 907.3  | 907.1  |
| 142.5° | 950.5  | 950.7  | 950.6  | 950.4  | 950.1  | 949.9  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  |
| 145°   | 991.0  | 991.4  | 991.5  | 991.7  | 992.0  | 992.2  | 992.4  | 992.2  | 992.0  | 991.7  | 991.5  |
| 147.5° | 1031.5 | 1032.1 | 1032.0 | 1031.8 | 1031.5 | 1031.3 | 1031.1 | 1030.9 | 1030.7 | 1030.4 | 1030.2 |
| 150°   | 1066.4 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 |
| 152.5° | 1098.4 | 1098.6 | 1098.7 | 1098.9 | 1099.2 | 1099.4 | 1099.6 | 1100.2 | 1100.9 | 1101.5 | 1102.2 |
| 155°   | 1131.3 | 1131.3 | 1131.2 | 1131.0 | 1130.7 | 1130.5 | 1130.3 | 1131.2 | 1132.1 | 1133.0 | 1133.9 |
| 157.5° | 1159.3 | 1159.1 | 1159.1 | 1159.1 | 1159.1 | 1159.1 | 1159.1 | 1159.8 | 1160.4 | 1161.1 | 1161.8 |
| 160°   | 1186.0 | 1185.9 | 1185.8 | 1185.6 | 1185.3 | 1185.1 | 1184.9 | 1185.6 | 1186.2 | 1186.9 | 1187.6 |
| 162.5° | 1208.0 | 1207.7 | 1207.6 | 1207.4 | 1207.1 | 1206.9 | 1206.7 | 1208.0 | 1209.4 | 1210.7 | 1212.0 |
| 165°   | 1228.9 | 1228.6 | 1228.4 | 1227.9 | 1227.5 | 1227.0 | 1226.6 | 1227.9 | 1229.2 | 1230.5 | 1231.8 |
| 167.5° | 1244.8 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1245.7 | 1247.1 | 1248.4 | 1249.7 |
| 170°   | 1257.9 | 1257.3 | 1257.4 | 1257.6 | 1257.9 | 1258.1 | 1258.3 | 1259.6 | 1261.0 | 1262.3 | 1263.6 |
| 172.5° | 1268.7 | 1268.3 | 1268.3 | 1268.3 | 1268.3 | 1268.3 | 1268.3 | 1269.8 | 1271.4 | 1272.9 | 1274.4 |
| 175°   | 1276.8 | 1276.2 | 1276.1 | 1275.9 | 1275.6 | 1275.4 | 1275.2 | 1276.8 | 1278.3 | 1279.9 | 1281.4 |
| 177.5° | 1280.7 | 1280.2 | 1280.2 | 1280.2 | 1280.2 | 1280.2 | 1280.2 | 1281.7 | 1283.3 | 1284.8 | 1286.3 |
| 180°   | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 |

TEST NUMBER: P1025942

CATALOG NUMBER: S124RDIP-B1020D1035UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 |
| 2.5°   | 1619.0 | 1624.6 | 1617.7 | 1621.8 | 1612.1 | 1610.8 | 1612.1 | 1612.1 | 1613.5 | 1614.9 | 1616.3 |
| 5°     | 1527.9 | 1526.6 | 1518.3 | 1512.8 | 1508.6 | 1512.8 | 1515.5 | 1518.3 | 1515.5 | 1518.3 | 1519.7 |
| 7.5°   | 1442.4 | 1438.2 | 1434.1 | 1424.4 | 1427.2 | 1424.4 | 1432.7 | 1428.6 | 1428.6 | 1435.5 | 1441.0 |
| 10°    | 1366.5 | 1358.2 | 1355.4 | 1344.4 | 1336.1 | 1334.7 | 1344.4 | 1348.5 | 1352.6 | 1355.4 | 1366.5 |
| 12.5°  | 1268.5 | 1256.0 | 1246.4 | 1250.5 | 1227.0 | 1236.7 | 1239.5 | 1233.9 | 1250.5 | 1269.8 | 1258.8 |
| 15°    | 1163.6 | 1164.9 | 1145.6 | 1138.7 | 1119.4 | 1124.9 | 1126.3 | 1140.1 | 1153.9 | 1152.5 | 1169.1 |
| 17.5°  | 1086.3 | 1078.0 | 1061.4 | 1060.0 | 1051.8 | 1055.9 | 1054.5 | 1065.6 | 1061.4 | 1068.3 | 1082.1 |
| 20°    | 1014.5 | 1009.0 | 995.2  | 989.6  | 992.4  | 989.6  | 991.0  | 992.4  | 996.5  | 1011.7 | 1009.0 |
| 22.5°  | 957.9  | 951.0  | 951.0  | 944.1  | 935.8  | 933.1  | 940.0  | 944.1  | 949.6  | 952.4  | 959.3  |
| 25°    | 908.2  | 902.7  | 895.8  | 891.6  | 884.7  | 886.1  | 890.3  | 895.8  | 899.9  | 905.4  | 911.0  |
| 27.5°  | 857.1  | 857.1  | 850.2  | 848.9  | 846.1  | 844.7  | 850.2  | 853.0  | 853.0  | 857.1  | 862.7  |
| 30°    | 817.1  | 817.1  | 810.2  | 808.8  | 807.4  | 807.4  | 811.6  | 813.0  | 814.4  | 818.5  | 821.3  |
| 32.5°  | 778.5  | 777.1  | 774.3  | 775.7  | 774.3  | 775.7  | 775.7  | 777.1  | 779.8  | 781.2  | 786.7  |
| 35°    | 742.6  | 744.0  | 741.2  | 741.2  | 739.8  | 741.2  | 744.0  | 745.3  | 746.7  | 749.5  | 749.5  |
| 37.5°  | 708.1  | 710.8  | 709.5  | 713.6  | 713.6  | 713.6  | 713.6  | 716.4  | 716.4  | 716.4  | 715.0  |
| 40°    | 677.7  | 677.7  | 676.3  | 679.1  | 681.8  | 681.8  | 683.2  | 683.2  | 684.6  | 684.6  | 683.2  |
| 42.5°  | 643.2  | 646.0  | 650.1  | 651.5  | 654.2  | 652.9  | 657.0  | 655.6  | 657.0  | 654.2  | 651.5  |
| 45°    | 611.5  | 611.5  | 617.0  | 622.5  | 623.9  | 623.9  | 623.9  | 626.6  | 623.9  | 619.7  | 618.4  |
| 47.5°  | 576.9  | 579.7  | 582.5  | 589.4  | 590.7  | 590.7  | 590.7  | 590.7  | 588.0  | 588.0  | 588.0  |
| 50°    | 542.4  | 543.8  | 545.2  | 548.0  | 552.1  | 550.7  | 550.7  | 550.7  | 556.2  | 550.7  | 552.1  |
| 52.5°  | 501.0  | 502.4  | 503.8  | 509.3  | 507.9  | 507.9  | 509.3  | 509.3  | 513.5  | 512.1  | 509.3  |
| 55°    | 459.6  | 459.6  | 462.4  | 462.4  | 462.4  | 465.1  | 466.5  | 469.3  | 467.9  | 469.3  | 470.7  |
| 57.5°  | 418.2  | 415.5  | 414.1  | 414.1  | 418.2  | 416.8  | 418.2  | 418.2  | 423.7  | 426.5  | 427.9  |
| 60°    | 369.9  | 369.9  | 368.5  | 360.2  | 360.2  | 358.9  | 363.0  | 365.8  | 368.5  | 381.0  | 379.6  |
| 62.5°  | 320.2  | 314.7  | 309.2  | 310.6  | 302.3  | 306.4  | 303.7  | 306.4  | 314.7  | 324.4  | 325.7  |
| 65°    | 270.5  | 266.4  | 260.9  | 259.5  | 256.7  | 260.9  | 259.5  | 260.9  | 265.0  | 270.5  | 277.4  |
| 67.5°  | 226.4  | 225.0  | 222.2  | 220.8  | 220.8  | 220.8  | 223.6  | 223.6  | 225.0  | 229.1  | 233.3  |
| 70°    | 193.2  | 191.9  | 193.2  | 190.5  | 191.9  | 190.5  | 191.9  | 193.2  | 194.6  | 196.0  | 200.1  |
| 72.5°  | 162.9  | 162.9  | 162.9  | 160.1  | 162.9  | 161.5  | 161.5  | 162.9  | 164.3  | 165.6  | 168.4  |
| 75°    | 129.7  | 127.0  | 124.2  | 121.5  | 120.1  | 122.8  | 124.2  | 122.8  | 127.0  | 132.5  | 132.5  |
| 77.5°  | 98.0   | 96.6   | 96.6   | 96.6   | 98.0   | 96.6   | 99.4   | 98.0   | 99.4   | 99.4   | 102.1  |
| 80°    | 75.9   | 74.5   | 75.9   | 75.9   | 74.5   | 77.3   | 75.9   | 75.9   | 77.3   | 78.7   | 77.3   |
| 82.5°  | 55.2   | 56.6   | 55.2   | 55.2   | 55.2   | 58.0   | 55.2   | 55.2   | 55.2   | 56.6   | 56.6   |
| 85°    | 34.5   | 34.5   | 34.5   | 34.5   | 35.9   | 34.5   | 35.9   | 34.5   | 37.3   | 35.9   | 35.9   |
| 87.5°  | 12.4   | 13.8   | 15.2   | 15.2   | 15.2   | 15.2   | 13.8   | 15.2   | 16.6   | 15.2   | 16.6   |
| 90°    | 27.8   | 28.0   | 28.5   | 28.9   | 29.4   | 29.8   | 29.4   | 28.9   | 28.5   | 28.0   | 27.8   |
| 92.5°  | 46.6   | 46.7   | 46.9   | 47.2   | 47.4   | 47.6   | 47.4   | 47.2   | 46.9   | 46.7   | 46.6   |
| 95°    | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   | 78.4   |
| 97.5°  | 115.1  | 115.1  | 115.1  | 115.1  | 115.1  | 115.1  | 115.1  | 115.1  | 115.1  | 115.1  | 115.1  |
| 100°   | 153.8  | 153.8  | 153.8  | 153.8  | 153.8  | 153.8  | 153.8  | 153.8  | 153.8  | 153.8  | 153.8  |
| 102.5° | 196.5  | 196.6  | 196.8  | 197.1  | 197.3  | 197.5  | 197.3  | 197.1  | 196.8  | 196.6  | 196.5  |
| 105°   | 239.2  | 239.5  | 240.2  | 240.8  | 241.5  | 242.1  | 241.5  | 240.8  | 240.2  | 239.5  | 239.2  |
| 107.5° | 285.8  | 285.7  | 285.5  | 285.2  | 285.0  | 284.8  | 285.0  | 285.2  | 285.5  | 285.7  | 285.8  |
| 110°   | 328.5  | 328.8  | 329.5  | 330.2  | 330.8  | 331.5  | 330.8  | 330.2  | 329.5  | 328.8  | 328.5  |

TEST NUMBER: P1025942

CATALOG NUMBER: S124RDIP-B1020D1035UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  |
| 115°   | 429.7  | 429.6  | 429.4  | 429.1  | 428.9  | 428.7  | 428.9  | 429.1  | 429.4  | 429.6  | 429.7  |
| 117.5° | 477.3  | 477.0  | 476.3  | 475.7  | 475.0  | 474.4  | 475.0  | 475.7  | 476.3  | 477.0  | 477.3  |
| 120°   | 526.0  | 526.2  | 526.6  | 527.1  | 527.5  | 527.9  | 527.5  | 527.1  | 526.6  | 526.2  | 526.0  |
| 122.5° | 577.6  | 577.0  | 575.9  | 574.8  | 573.7  | 572.6  | 573.7  | 574.8  | 575.9  | 577.0  | 577.6  |
| 125°   | 627.2  | 627.0  | 626.5  | 626.1  | 625.6  | 625.2  | 625.6  | 626.1  | 626.5  | 627.0  | 627.2  |
| 127.5° | 673.8  | 673.7  | 673.5  | 673.2  | 673.0  | 672.8  | 673.0  | 673.2  | 673.5  | 673.7  | 673.8  |
| 130°   | 723.4  | 723.0  | 722.1  | 721.2  | 720.4  | 719.5  | 720.4  | 721.2  | 722.1  | 723.0  | 723.4  |
| 132.5° | 770.1  | 770.0  | 769.8  | 769.5  | 769.3  | 769.1  | 769.3  | 769.5  | 769.8  | 770.0  | 770.1  |
| 135°   | 816.7  | 816.4  | 815.7  | 815.1  | 814.4  | 813.8  | 814.4  | 815.1  | 815.7  | 816.4  | 816.7  |
| 137.5° | 861.4  | 861.5  | 861.7  | 862.0  | 862.2  | 862.4  | 862.2  | 862.0  | 861.7  | 861.5  | 861.4  |
| 140°   | 907.0  | 906.9  | 906.7  | 906.4  | 906.2  | 906.0  | 906.2  | 906.4  | 906.7  | 906.9  | 907.0  |
| 142.5° | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  |
| 145°   | 991.4  | 991.1  | 990.4  | 989.7  | 989.1  | 988.4  | 989.1  | 989.7  | 990.4  | 991.1  | 991.4  |
| 147.5° | 1030.1 | 1030.0 | 1029.8 | 1029.5 | 1029.3 | 1029.1 | 1029.3 | 1029.5 | 1029.8 | 1030.0 | 1030.1 |
| 150°   | 1066.8 | 1066.7 | 1066.5 | 1066.2 | 1066.0 | 1065.8 | 1066.0 | 1066.2 | 1066.5 | 1066.7 | 1066.8 |
| 152.5° | 1102.5 | 1102.2 | 1101.5 | 1100.9 | 1100.2 | 1099.6 | 1100.2 | 1100.9 | 1101.5 | 1102.2 | 1102.5 |
| 155°   | 1134.3 | 1133.9 | 1133.0 | 1132.1 | 1131.2 | 1130.3 | 1131.2 | 1132.1 | 1133.0 | 1133.9 | 1134.3 |
| 157.5° | 1162.1 | 1161.8 | 1161.1 | 1160.4 | 1159.8 | 1159.1 | 1159.8 | 1160.4 | 1161.1 | 1161.8 | 1162.1 |
| 160°   | 1187.9 | 1187.3 | 1186.2 | 1185.1 | 1184.0 | 1182.9 | 1184.0 | 1185.1 | 1186.2 | 1187.3 | 1187.9 |
| 162.5° | 1212.7 | 1212.1 | 1211.0 | 1209.9 | 1208.8 | 1207.7 | 1208.8 | 1209.9 | 1211.0 | 1212.1 | 1212.7 |
| 165°   | 1232.5 | 1232.1 | 1231.2 | 1230.3 | 1229.5 | 1228.6 | 1229.5 | 1230.3 | 1231.2 | 1232.1 | 1232.5 |
| 167.5° | 1250.4 | 1249.7 | 1248.4 | 1247.1 | 1245.7 | 1244.4 | 1245.7 | 1247.1 | 1248.4 | 1249.7 | 1250.4 |
| 170°   | 1264.3 | 1263.5 | 1262.0 | 1260.4 | 1258.9 | 1257.3 | 1258.9 | 1260.4 | 1262.0 | 1263.5 | 1264.3 |
| 172.5° | 1275.2 | 1274.4 | 1272.9 | 1271.4 | 1269.8 | 1268.3 | 1269.8 | 1271.4 | 1272.9 | 1274.4 | 1275.2 |
| 175°   | 1282.2 | 1281.4 | 1279.9 | 1278.3 | 1276.8 | 1275.2 | 1276.8 | 1278.3 | 1279.9 | 1281.4 | 1282.2 |
| 177.5° | 1287.1 | 1286.2 | 1284.5 | 1282.7 | 1281.0 | 1279.2 | 1281.0 | 1282.7 | 1284.5 | 1286.2 | 1287.1 |
| 180°   | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 |

TEST NUMBER: P1025942

CATALOG NUMBER: S124RDIP-B1020D1035UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 | 1712.9 |
| 2.5°   | 1621.8 | 1628.7 | 1625.9 | 1616.3 | 1620.4 | 1628.7 | 1637.0 | 1648.0 | 1654.9 | 1660.4 | 1663.2 |
| 5°     | 1526.6 | 1539.0 | 1536.2 | 1536.2 | 1541.7 | 1555.5 | 1569.3 | 1592.8 | 1601.1 | 1610.8 | 1624.6 |
| 7.5°   | 1442.4 | 1452.0 | 1460.3 | 1463.1 | 1471.4 | 1489.3 | 1507.2 | 1533.5 | 1554.2 | 1565.2 | 1573.5 |
| 10°    | 1367.8 | 1374.7 | 1387.2 | 1394.1 | 1402.3 | 1424.4 | 1450.6 | 1478.3 | 1499.0 | 1518.3 | 1529.3 |
| 12.5°  | 1272.6 | 1300.2 | 1316.8 | 1327.8 | 1338.8 | 1372.0 | 1392.7 | 1423.0 | 1447.9 | 1465.8 | 1482.4 |
| 15°    | 1166.3 | 1199.4 | 1209.1 | 1251.9 | 1279.5 | 1305.7 | 1337.5 | 1373.4 | 1396.8 | 1417.5 | 1439.6 |
| 17.5°  | 1076.6 | 1100.1 | 1111.1 | 1156.7 | 1180.1 | 1221.5 | 1267.1 | 1312.6 | 1348.5 | 1363.7 | 1385.8 |
| 20°    | 1020.0 | 1032.4 | 1054.5 | 1069.7 | 1094.5 | 1142.9 | 1192.5 | 1247.8 | 1301.6 | 1316.8 | 1338.8 |
| 22.5°  | 962.0  | 978.6  | 993.8  | 1014.5 | 1033.8 | 1066.9 | 1116.6 | 1177.4 | 1235.3 | 1262.9 | 1289.2 |
| 25°    | 909.6  | 926.2  | 935.8  | 957.9  | 975.8  | 1009.0 | 1043.5 | 1105.6 | 1174.6 | 1198.1 | 1239.5 |
| 27.5°  | 868.2  | 877.8  | 894.4  | 904.1  | 924.8  | 955.1  | 986.9  | 1033.8 | 1101.4 | 1141.5 | 1181.5 |
| 30°    | 826.8  | 833.7  | 847.5  | 861.3  | 876.5  | 897.2  | 933.1  | 978.6  | 1040.7 | 1075.2 | 1115.2 |
| 32.5°  | 785.4  | 796.4  | 804.7  | 814.4  | 830.9  | 855.8  | 880.6  | 924.8  | 974.5  | 1013.1 | 1053.1 |
| 35°    | 750.9  | 755.0  | 766.0  | 777.1  | 788.1  | 810.2  | 836.4  | 879.2  | 923.4  | 953.8  | 989.6  |
| 37.5°  | 713.6  | 720.5  | 728.8  | 732.9  | 750.9  | 764.7  | 792.3  | 825.4  | 877.8  | 897.2  | 933.1  |
| 40°    | 684.6  | 683.2  | 691.5  | 698.4  | 706.7  | 728.8  | 745.3  | 781.2  | 822.6  | 853.0  | 875.1  |
| 42.5°  | 648.7  | 648.7  | 651.5  | 659.8  | 670.8  | 684.6  | 703.9  | 734.3  | 777.1  | 799.2  | 825.4  |
| 45°    | 619.7  | 615.6  | 617.0  | 622.5  | 629.4  | 643.2  | 662.5  | 688.7  | 731.5  | 749.5  | 777.1  |
| 47.5°  | 585.2  | 581.1  | 581.1  | 586.6  | 592.1  | 601.8  | 617.0  | 647.3  | 681.8  | 705.3  | 726.0  |
| 50°    | 546.6  | 548.0  | 546.6  | 550.7  | 553.5  | 563.1  | 579.7  | 604.6  | 636.3  | 655.6  | 679.1  |
| 52.5°  | 510.7  | 507.9  | 506.6  | 509.3  | 514.8  | 521.7  | 539.7  | 561.8  | 592.1  | 611.5  | 632.2  |
| 55°    | 466.5  | 469.3  | 469.3  | 469.3  | 477.6  | 480.3  | 494.1  | 516.2  | 546.6  | 561.8  | 581.1  |
| 57.5°  | 426.5  | 425.1  | 427.9  | 426.5  | 433.4  | 443.1  | 454.1  | 470.7  | 501.0  | 516.2  | 534.2  |
| 60°    | 382.3  | 383.7  | 385.1  | 385.1  | 390.6  | 400.3  | 412.7  | 427.9  | 452.7  | 467.9  | 484.5  |
| 62.5°  | 328.5  | 335.4  | 342.3  | 345.1  | 353.3  | 360.2  | 368.5  | 385.1  | 407.2  | 418.2  | 433.4  |
| 65°    | 277.4  | 287.1  | 296.8  | 303.7  | 309.2  | 316.1  | 327.1  | 342.3  | 360.2  | 371.3  | 386.5  |
| 67.5°  | 233.3  | 240.2  | 252.6  | 259.5  | 270.5  | 278.8  | 285.7  | 298.1  | 320.2  | 324.4  | 336.8  |
| 70°    | 201.5  | 204.3  | 209.8  | 215.3  | 227.7  | 234.6  | 242.9  | 255.3  | 271.9  | 281.6  | 288.5  |
| 72.5°  | 169.8  | 171.2  | 173.9  | 179.4  | 185.0  | 193.2  | 202.9  | 213.9  | 229.1  | 233.3  | 242.9  |
| 75°    | 135.3  | 143.5  | 143.5  | 147.7  | 151.8  | 156.0  | 164.3  | 175.3  | 185.0  | 191.9  | 197.4  |
| 77.5°  | 100.8  | 104.9  | 107.7  | 114.6  | 120.1  | 124.2  | 129.7  | 138.0  | 143.5  | 149.1  | 153.2  |
| 80°    | 78.7   | 80.1   | 81.4   | 81.4   | 84.2   | 89.7   | 95.2   | 100.8  | 107.7  | 110.4  | 114.6  |
| 82.5°  | 58.0   | 58.0   | 58.0   | 60.7   | 62.1   | 63.5   | 63.5   | 66.3   | 73.2   | 75.9   | 80.1   |
| 85°    | 37.3   | 37.3   | 37.3   | 37.3   | 38.6   | 40.0   | 41.4   | 42.8   | 42.8   | 42.8   | 45.5   |
| 87.5°  | 15.2   | 17.9   | 16.6   | 17.9   | 17.9   | 17.9   | 17.9   | 19.3   | 19.3   | 20.7   | 20.7   |
| 90°    | 27.1   | 25.8   | 24.5   | 23.1   | 21.8   | 20.0   | 18.3   | 16.5   | 14.8   | 13.9   | 12.7   |
| 92.5°  | 46.3   | 45.6   | 45.0   | 44.3   | 43.7   | 42.6   | 41.5   | 40.4   | 39.3   | 38.7   | 37.3   |
| 95°    | 78.1   | 77.4   | 76.7   | 76.1   | 75.4   | 73.9   | 72.3   | 70.8   | 69.3   | 68.5   | 67.5   |
| 97.5°  | 114.7  | 113.8  | 112.9  | 112.0  | 111.1  | 109.3  | 107.6  | 105.8  | 104.1  | 103.2  | 102.3  |
| 100°   | 153.6  | 153.1  | 152.7  | 152.2  | 151.8  | 149.8  | 147.8  | 145.9  | 143.9  | 142.9  | 142.5  |
| 102.5° | 196.2  | 195.5  | 194.8  | 194.2  | 193.5  | 191.7  | 190.0  | 188.2  | 186.5  | 185.6  | 185.5  |
| 105°   | 238.9  | 238.2  | 237.5  | 236.9  | 236.2  | 235.3  | 234.4  | 233.5  | 232.6  | 232.2  | 232.1  |
| 107.5° | 285.4  | 284.5  | 283.6  | 282.7  | 281.8  | 281.6  | 281.4  | 281.1  | 280.9  | 280.8  | 280.7  |
| 110°   | 328.7  | 329.2  | 329.6  | 330.1  | 330.5  | 330.7  | 330.9  | 331.2  | 331.4  | 331.5  | 331.3  |

TEST NUMBER: P1025942

CATALOG NUMBER: S124RDIP-B1020D1035UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 379.1  | 379.1  | 379.1  | 379.1  | 379.1  | 379.5  | 380.0  | 380.4  | 380.9  | 381.1  | 381.1  |
| 115°   | 429.8  | 430.0  | 430.3  | 430.5  | 430.7  | 431.1  | 431.6  | 432.0  | 432.5  | 432.7  | 432.7  |
| 117.5° | 477.6  | 478.3  | 479.0  | 479.6  | 480.3  | 480.5  | 480.7  | 481.0  | 481.2  | 481.3  | 481.3  |
| 120°   | 526.5  | 527.6  | 528.7  | 529.8  | 530.9  | 531.6  | 532.2  | 532.9  | 533.6  | 533.9  | 533.5  |
| 122.5° | 577.9  | 578.6  | 579.2  | 579.9  | 580.5  | 580.7  | 580.9  | 581.2  | 581.4  | 581.5  | 581.4  |
| 125°   | 627.4  | 627.9  | 628.3  | 628.8  | 629.2  | 629.4  | 629.6  | 629.9  | 630.1  | 630.2  | 630.2  |
| 127.5° | 674.0  | 674.5  | 674.9  | 675.4  | 675.8  | 676.2  | 676.7  | 677.1  | 677.6  | 677.8  | 677.5  |
| 130°   | 723.6  | 724.1  | 724.5  | 725.0  | 725.4  | 725.4  | 725.4  | 725.4  | 725.4  | 725.4  | 725.1  |
| 132.5° | 770.3  | 770.8  | 771.2  | 771.7  | 772.1  | 772.3  | 772.5  | 772.8  | 773.0  | 773.1  | 772.9  |
| 135°   | 816.9  | 817.4  | 817.8  | 818.3  | 818.7  | 818.7  | 818.7  | 818.7  | 818.7  | 818.7  | 818.0  |
| 137.5° | 861.7  | 862.4  | 863.1  | 863.7  | 864.4  | 864.0  | 863.5  | 863.1  | 862.6  | 862.4  | 862.1  |
| 140°   | 907.1  | 907.3  | 907.6  | 907.8  | 908.0  | 908.0  | 908.0  | 908.0  | 908.0  | 908.0  | 907.8  |
| 142.5° | 949.7  | 949.7  | 949.7  | 949.7  | 949.7  | 949.9  | 950.1  | 950.4  | 950.6  | 950.7  | 950.5  |
| 145°   | 991.5  | 991.7  | 992.0  | 992.2  | 992.4  | 992.2  | 992.0  | 991.7  | 991.5  | 991.4  | 991.0  |
| 147.5° | 1030.2 | 1030.4 | 1030.7 | 1030.9 | 1031.1 | 1031.3 | 1031.5 | 1031.8 | 1032.0 | 1032.1 | 1031.5 |
| 150°   | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.8 | 1066.4 |
| 152.5° | 1102.2 | 1101.5 | 1100.9 | 1100.2 | 1099.6 | 1099.4 | 1099.2 | 1098.9 | 1098.7 | 1098.6 | 1098.4 |
| 155°   | 1133.9 | 1133.0 | 1132.1 | 1131.2 | 1130.3 | 1130.5 | 1130.7 | 1131.0 | 1131.2 | 1131.3 | 1131.3 |
| 157.5° | 1161.8 | 1161.1 | 1160.4 | 1159.8 | 1159.1 | 1159.1 | 1159.1 | 1159.1 | 1159.1 | 1159.1 | 1159.3 |
| 160°   | 1187.6 | 1186.9 | 1186.2 | 1185.6 | 1184.9 | 1185.1 | 1185.3 | 1185.6 | 1185.8 | 1185.9 | 1186.0 |
| 162.5° | 1212.0 | 1210.7 | 1209.4 | 1208.0 | 1206.7 | 1206.9 | 1207.1 | 1207.4 | 1207.6 | 1207.7 | 1208.0 |
| 165°   | 1231.8 | 1230.5 | 1229.2 | 1227.9 | 1226.6 | 1227.0 | 1227.5 | 1227.9 | 1228.4 | 1228.6 | 1228.9 |
| 167.5° | 1249.7 | 1248.4 | 1247.1 | 1245.7 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.8 |
| 170°   | 1263.6 | 1262.3 | 1261.0 | 1259.6 | 1258.3 | 1258.1 | 1257.9 | 1257.6 | 1257.4 | 1257.3 | 1257.9 |
| 172.5° | 1274.4 | 1272.9 | 1271.4 | 1269.8 | 1268.3 | 1268.3 | 1268.3 | 1268.3 | 1268.3 | 1268.3 | 1268.7 |
| 175°   | 1281.4 | 1279.9 | 1278.3 | 1276.8 | 1275.2 | 1275.4 | 1275.6 | 1275.9 | 1276.1 | 1276.2 | 1276.8 |
| 177.5° | 1286.3 | 1284.8 | 1283.3 | 1281.7 | 1280.2 | 1280.2 | 1280.2 | 1280.2 | 1280.2 | 1280.2 | 1280.7 |
| 180°   | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 | 1283.1 |

TEST NUMBER: P1025942

CATALOG NUMBER: S124RDIP-B1020D1035UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1712.9 | 1712.9 | 1712.9 | 1712.9 |
| 2.5°   | 1674.2 | 1682.5 | 1696.3 | 1715.7 |
| 5°     | 1635.6 | 1659.1 | 1681.2 | 1710.1 |
| 7.5°   | 1601.1 | 1628.7 | 1659.1 | 1700.5 |
| 10°    | 1561.1 | 1595.6 | 1634.2 | 1685.3 |
| 12.5°  | 1514.1 | 1562.4 | 1606.6 | 1661.8 |
| 15°    | 1479.6 | 1515.5 | 1572.1 | 1637.0 |
| 17.5°  | 1431.3 | 1479.6 | 1536.2 | 1609.4 |
| 20°    | 1385.8 | 1436.8 | 1500.3 | 1576.3 |
| 22.5°  | 1337.5 | 1395.4 | 1458.9 | 1540.4 |
| 25°    | 1287.8 | 1349.9 | 1413.4 | 1500.3 |
| 27.5°  | 1242.2 | 1298.8 | 1370.6 | 1458.9 |
| 30°    | 1187.0 | 1251.9 | 1320.9 | 1413.4 |
| 32.5°  | 1133.2 | 1200.8 | 1271.2 | 1363.7 |
| 35°    | 1075.2 | 1142.9 | 1220.1 | 1308.5 |
| 37.5°  | 1018.6 | 1093.2 | 1163.6 | 1249.1 |
| 40°    | 956.5  | 1033.8 | 1107.0 | 1193.9 |
| 42.5°  | 895.8  | 975.8  | 1049.0 | 1123.5 |
| 45°    | 839.2  | 917.9  | 984.1  | 1054.5 |
| 47.5°  | 785.4  | 855.8  | 923.4  | 986.9  |
| 50°    | 732.9  | 792.3  | 854.4  | 906.8  |
| 52.5°  | 677.7  | 734.3  | 784.0  | 830.9  |
| 55°    | 628.0  | 672.2  | 716.4  | 759.1  |
| 57.5°  | 568.7  | 612.8  | 651.5  | 684.6  |
| 60°    | 519.0  | 546.6  | 583.8  | 618.4  |
| 62.5°  | 462.4  | 494.1  | 523.1  | 545.2  |
| 65°    | 407.2  | 434.8  | 456.9  | 476.2  |
| 67.5°  | 360.2  | 376.8  | 393.4  | 414.1  |
| 70°    | 303.7  | 317.5  | 336.8  | 352.0  |
| 72.5°  | 255.3  | 266.4  | 276.1  | 294.0  |
| 75°    | 207.0  | 216.7  | 222.2  | 238.8  |
| 77.5°  | 160.1  | 169.8  | 173.9  | 183.6  |
| 80°    | 122.8  | 124.2  | 129.7  | 138.0  |
| 82.5°  | 84.2   | 87.0   | 88.3   | 95.2   |
| 85°    | 48.3   | 55.2   | 53.8   | 56.6   |
| 87.5°  | 20.7   | 22.1   | 24.8   | 27.6   |
| 90°    | 10.3   | 7.8    | 5.4    | 3.0    |
| 92.5°  | 34.4   | 31.5   | 28.7   | 25.8   |
| 95°    | 65.5   | 63.5   | 61.5   | 59.5   |
| 97.5°  | 100.6  | 98.8   | 97.1   | 95.3   |
| 100°   | 141.6  | 140.7  | 139.8  | 138.9  |
| 102.5° | 185.3  | 185.0  | 184.8  | 184.6  |
| 105°   | 231.9  | 231.6  | 231.4  | 231.2  |
| 107.5° | 280.5  | 280.3  | 280.1  | 279.9  |
| 110°   | 330.8  | 330.4  | 329.9  | 329.5  |

TEST NUMBER: P1025942

CATALOG NUMBER: S124RDIP-B1020D1035UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 381.1  | 381.1  | 381.1  | 381.1  |
| 115°   | 432.7  | 432.7  | 432.7  | 432.7  |
| 117.5° | 481.3  | 481.3  | 481.3  | 481.3  |
| 120°   | 532.6  | 531.7  | 530.8  | 529.9  |
| 122.5° | 581.2  | 580.9  | 580.7  | 580.5  |
| 125°   | 630.2  | 630.2  | 630.2  | 630.2  |
| 127.5° | 676.8  | 676.1  | 675.5  | 674.8  |
| 130°   | 724.4  | 723.8  | 723.1  | 722.5  |
| 132.5° | 772.4  | 772.0  | 771.5  | 771.1  |
| 135°   | 816.7  | 815.4  | 814.1  | 812.8  |
| 137.5° | 861.4  | 860.7  | 860.1  | 859.4  |
| 140°   | 907.3  | 906.9  | 906.4  | 906.0  |
| 142.5° | 950.0  | 949.6  | 949.1  | 948.7  |
| 145°   | 990.1  | 989.2  | 988.3  | 987.4  |
| 147.5° | 1030.4 | 1029.3 | 1028.2 | 1027.1 |
| 150°   | 1065.5 | 1064.6 | 1063.7 | 1062.8 |
| 152.5° | 1097.9 | 1097.5 | 1097.0 | 1096.6 |
| 155°   | 1131.3 | 1131.3 | 1131.3 | 1131.3 |
| 157.5° | 1159.8 | 1160.2 | 1160.7 | 1161.1 |
| 160°   | 1186.2 | 1186.5 | 1186.7 | 1186.9 |
| 162.5° | 1208.7 | 1209.4 | 1210.0 | 1210.7 |
| 165°   | 1229.6 | 1230.2 | 1230.9 | 1231.5 |
| 167.5° | 1245.7 | 1246.6 | 1247.5 | 1248.4 |
| 170°   | 1259.0 | 1260.1 | 1261.2 | 1262.3 |
| 172.5° | 1269.6 | 1270.5 | 1271.3 | 1272.2 |
| 175°   | 1277.9 | 1279.0 | 1280.1 | 1281.2 |
| 177.5° | 1281.8 | 1282.9 | 1284.0 | 1285.1 |
| 180°   | 1283.1 | 1283.1 | 1283.1 | 1283.1 |

(END OF REPORT)