

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: P1034345

Luminaire Tested: S125DIW-B1090D1560UB2750-4F0-XX-W2A-A\_2700K

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1034345  
REPORT IS A COMBINATION OF REPORTS P1002862 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DIW-B1090D1560UB2750-4F0-XX-W2A-A\_2700K  
Description: Define 5 Direct/Indirect Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

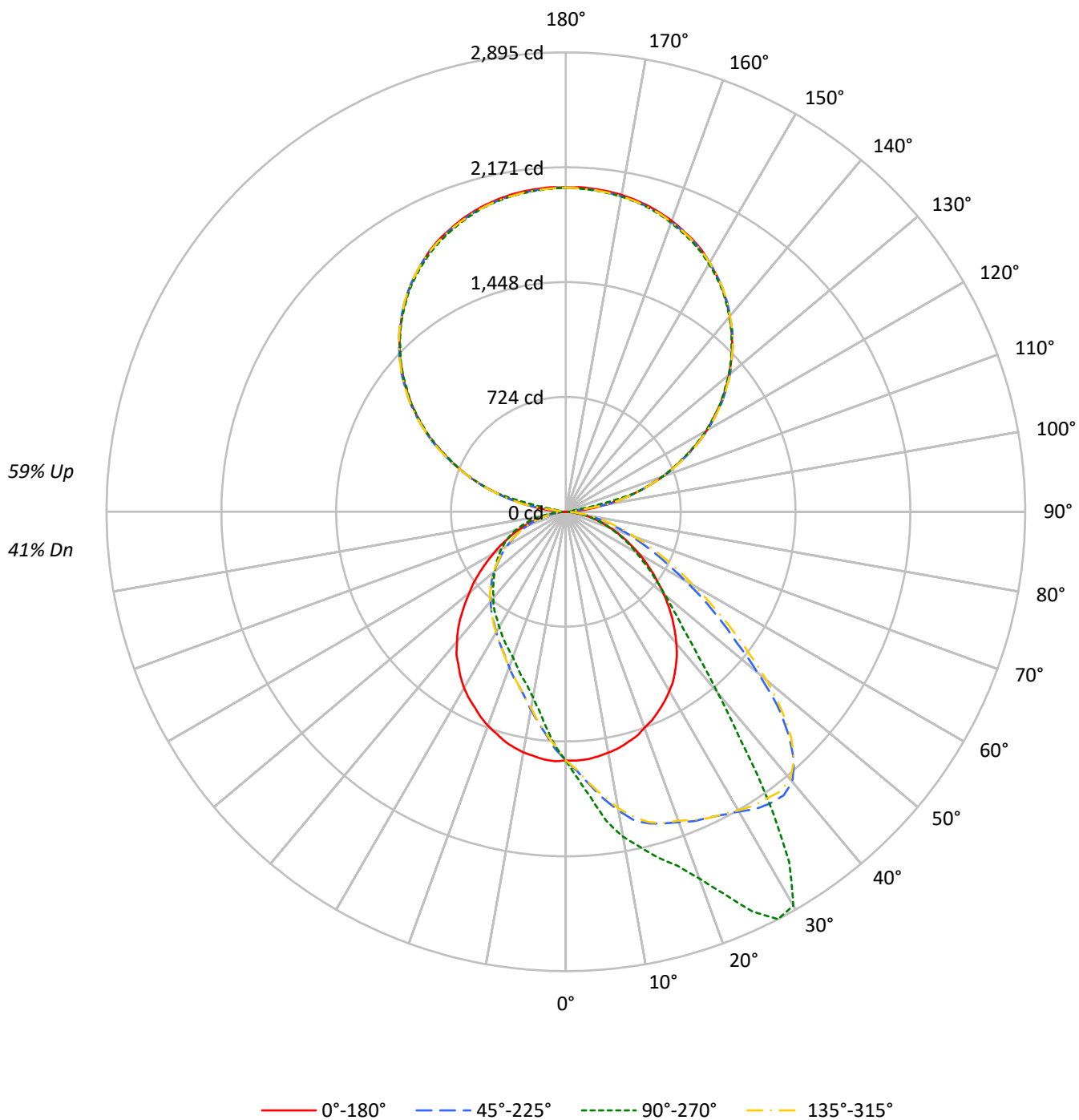
Lumens per Lamp: N/A  
Luminaire Lumens: 10700.0 lumens  
Efficiency: N/A  
Efficacy: 108.1 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 99  
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: P1034345

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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   | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 63 | 63 | 63 | 48 | 48 | 48 |
| 1   | 96  | 92  | 88  | 85  | 87 | 84 | 81 | 78 | 69 | 67 | 65 | 55 | 54 | 53 | 43 | 42 | 41 |
| 2   | 88  | 80  | 74  | 69  | 80 | 74 | 68 | 64 | 61 | 57 | 54 | 49 | 46 | 44 | 38 | 36 | 35 |
| 3   | 80  | 71  | 64  | 58  | 73 | 65 | 59 | 54 | 54 | 49 | 45 | 43 | 40 | 37 | 34 | 32 | 30 |
| 4   | 73  | 63  | 55  | 49  | 66 | 57 | 51 | 46 | 48 | 43 | 39 | 39 | 35 | 32 | 30 | 28 | 26 |
| 5   | 67  | 56  | 48  | 42  | 61 | 51 | 44 | 39 | 43 | 37 | 33 | 35 | 31 | 28 | 27 | 25 | 22 |
| 6   | 62  | 50  | 42  | 36  | 56 | 46 | 39 | 34 | 38 | 33 | 29 | 31 | 27 | 24 | 25 | 22 | 20 |
| 7   | 57  | 45  | 37  | 32  | 52 | 42 | 35 | 30 | 35 | 30 | 26 | 28 | 25 | 22 | 23 | 20 | 18 |
| 8   | 53  | 41  | 33  | 28  | 48 | 38 | 31 | 26 | 32 | 26 | 23 | 26 | 22 | 19 | 21 | 18 | 16 |
| 9   | 49  | 37  | 30  | 25  | 45 | 34 | 28 | 23 | 29 | 24 | 20 | 24 | 20 | 17 | 19 | 16 | 14 |
| 10  | 46  | 34  | 27  | 22  | 42 | 32 | 25 | 21 | 27 | 22 | 18 | 22 | 18 | 16 | 18 | 15 | 13 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 10041 | 10041 | 10041 | 10041 |
| 5°  | 10048 | 11390 | 10057 | 8641  |
| 10° | 9987  | 12982 | 9969  | 7417  |
| 15° | 9913  | 14076 | 9852  | 6702  |
| 20° | 9789  | 15425 | 9699  | 6118  |
| 25° | 9677  | 17674 | 9500  | 5773  |
| 30° | 9517  | 18646 | 9353  | 5460  |
| 35° | 9264  | 14946 | 9070  | 5208  |
| 40° | 8870  | 10331 | 8740  | 4943  |
| 45° | 8372  | 7691  | 8279  | 4722  |
| 50° | 7802  | 6332  | 7674  | 4545  |
| 55° | 7188  | 5400  | 7130  | 4391  |
| 60° | 6585  | 4623  | 6470  | 4272  |
| 65° | 5934  | 3991  | 5838  | 4099  |
| 70° | 5246  | 3315  | 5176  | 3796  |
| 75° | 4517  | 2563  | 4458  | 3295  |
| 80° | 3568  | 1733  | 3438  | 2422  |
| 85° | 2281  | 867   | 2207  | 1235  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 15336 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 150.8   | 1.4       |
| 10°-20°   | 449.2   | 4.2       |
| 20°-30°   | 729.7   | 6.8       |
| 30°-40°   | 891.8   | 8.3       |
| 40°-50°   | 809.0   | 7.6       |
| 50°-60°   | 644.3   | 6.0       |
| 60°-70°   | 448.8   | 4.2       |
| 70°-80°   | 239.1   | 2.2       |
| 80°-90°   | 62.3    | 0.6       |
| 90°-100°  | 69.3    | 0.6       |
| 100°-110° | 461.0   | 4.3       |
| 110°-120° | 830.2   | 7.8       |
| 120°-130° | 1065.6  | 10.0      |
| 130°-140° | 1146.1  | 10.7      |
| 140°-150° | 1075.7  | 10.1      |
| 150°-160° | 870.1   | 8.1       |
| 160°-170° | 562.7   | 5.3       |
| 170°-180° | 194.1   | 1.8       |
| 0°-30°    | 1329.8  | 12.4      |
| 0°-40°    | 2221.6  | 20.8      |
| 0°-60°    | 3674.9  | 34.3      |
| 0°-90°    | 4425.0  | 41.4      |
| 90°-120°  | 1360.6  | 12.7      |
| 90°-150°  | 4648.1  | 43.4      |
| 90°-180°  | 6275.0  | 58.6      |
| 0°-180°   | 10700.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1567 | 1567 | 1567 | 1567 | 1567 |      |
| 5°   | 1566 | 1808 | 1567 | 1372 | 1566 | 149  |
| 15°  | 1504 | 2258 | 1495 | 1075 | 1504 | 425  |
| 25°  | 1385 | 2778 | 1360 | 907  | 1385 | 638  |
| 35°  | 1205 | 2230 | 1180 | 777  | 1205 | 753  |
| 45°  | 947  | 1051 | 936  | 645  | 947  | 730  |
| 55°  | 666  | 648  | 661  | 527  | 666  | 596  |
| 65°  | 412  | 398  | 406  | 408  | 412  | 409  |
| 75°  | 200  | 196  | 197  | 251  | 200  | 212  |
| 85°  | 40   | 44   | 39   | 62   | 40   | 48   |
| 90°  | 2    | 36   | 2    | 36   | 2    | 7    |
| 95°  | 86   | 32   | 86   | 32   | 86   | 106  |
| 105° | 445  | 450  | 445  | 450  | 445  | 472  |
| 115° | 836  | 830  | 836  | 830  | 836  | 829  |
| 125° | 1189 | 1189 | 1189 | 1189 | 1189 | 1062 |
| 135° | 1482 | 1476 | 1482 | 1476 | 1482 | 1143 |
| 145° | 1719 | 1714 | 1719 | 1714 | 1719 | 1075 |
| 155° | 1893 | 1879 | 1893 | 1879 | 1893 | 872  |
| 165° | 1997 | 1987 | 1997 | 1987 | 1997 | 564  |
| 175° | 2043 | 2034 | 2043 | 2034 | 2043 | 195  |
| 180° | 2043 | 2043 | 2043 | 2043 | 2043 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 |
| 2.5°   | 1569.7 | 1579.0 | 1589.7 | 1597.7 | 1611.0 | 1614.9 | 1621.6 | 1625.6 | 1629.6 | 1633.6 | 1636.2 |
| 5°     | 1565.7 | 1588.3 | 1608.3 | 1622.9 | 1648.2 | 1657.5 | 1669.5 | 1684.1 | 1701.4 | 1716.0 | 1725.4 |
| 7.5°   | 1555.1 | 1591.0 | 1617.6 | 1646.9 | 1681.5 | 1704.1 | 1716.0 | 1746.6 | 1774.6 | 1795.9 | 1823.8 |
| 10°    | 1541.8 | 1584.3 | 1625.6 | 1669.5 | 1718.7 | 1744.0 | 1767.9 | 1810.5 | 1849.1 | 1883.7 | 1911.6 |
| 12.5°  | 1527.1 | 1579.0 | 1628.2 | 1685.4 | 1752.0 | 1782.6 | 1798.5 | 1871.7 | 1919.6 | 1938.2 | 1992.7 |
| 15°    | 1504.5 | 1565.7 | 1636.2 | 1706.7 | 1762.6 | 1798.5 | 1842.4 | 1901.0 | 1948.8 | 1990.1 | 2034.0 |
| 17.5°  | 1483.2 | 1549.8 | 1621.6 | 1700.1 | 1781.2 | 1827.8 | 1861.0 | 1912.9 | 1964.8 | 2018.0 | 2059.3 |
| 20°    | 1448.7 | 1535.1 | 1608.3 | 1692.1 | 1787.9 | 1821.1 | 1855.7 | 1916.9 | 1972.8 | 2030.0 | 2081.9 |
| 22.5°  | 1420.7 | 1503.2 | 1603.0 | 1682.8 | 1763.9 | 1797.2 | 1839.8 | 1903.6 | 1970.1 | 2035.3 | 2111.1 |
| 25°    | 1384.8 | 1476.6 | 1563.1 | 1648.2 | 1732.0 | 1767.9 | 1806.5 | 1889.0 | 1958.2 | 2042.0 | 2125.8 |
| 27.5°  | 1346.2 | 1440.7 | 1527.1 | 1604.3 | 1682.8 | 1732.0 | 1773.2 | 1859.7 | 1951.5 | 2043.3 | 2152.4 |
| 30°    | 1305.0 | 1394.1 | 1476.6 | 1552.4 | 1638.9 | 1689.4 | 1730.7 | 1831.8 | 1934.2 | 2051.3 | 2181.6 |
| 32.5°  | 1261.1 | 1344.9 | 1415.4 | 1492.6 | 1584.3 | 1630.9 | 1686.8 | 1797.2 | 1918.2 | 2057.9 | 2221.5 |
| 35°    | 1205.2 | 1285.0 | 1347.6 | 1426.0 | 1517.8 | 1577.7 | 1636.2 | 1759.9 | 1901.0 | 2056.6 | 2244.2 |
| 37.5°  | 1149.4 | 1211.9 | 1271.7 | 1355.5 | 1462.0 | 1516.5 | 1577.7 | 1713.4 | 1874.3 | 2052.6 | 2253.5 |
| 40°    | 1082.8 | 1144.0 | 1195.9 | 1281.0 | 1392.8 | 1455.3 | 1519.2 | 1661.5 | 1843.7 | 2038.0 | 2220.2 |
| 42.5°  | 1016.3 | 1068.2 | 1125.4 | 1214.5 | 1322.3 | 1388.8 | 1456.6 | 1614.9 | 1803.8 | 1995.4 | 2128.4 |
| 45°    | 947.1  | 987.1  | 1049.6 | 1130.7 | 1245.1 | 1309.0 | 1386.1 | 1557.7 | 1748.0 | 1918.2 | 1984.8 |
| 47.5°  | 875.3  | 915.2  | 973.8  | 1052.2 | 1165.3 | 1241.1 | 1314.3 | 1485.9 | 1677.5 | 1809.2 | 1809.2 |
| 50°    | 806.1  | 838.1  | 895.3  | 973.8  | 1088.2 | 1157.3 | 1231.8 | 1414.1 | 1568.4 | 1665.5 | 1579.0 |
| 52.5°  | 731.6  | 767.6  | 815.5  | 897.9  | 1011.0 | 1073.5 | 1154.7 | 1310.3 | 1456.6 | 1496.6 | 1363.5 |
| 55°    | 666.5  | 695.7  | 741.0  | 819.4  | 924.5  | 989.7  | 1058.9 | 1207.9 | 1331.6 | 1328.9 | 1186.6 |
| 57.5°  | 598.6  | 622.6  | 670.5  | 742.3  | 839.4  | 897.9  | 967.1  | 1096.1 | 1197.2 | 1161.3 | 1027.0 |
| 60°    | 536.1  | 553.4  | 600.0  | 658.5  | 751.6  | 806.1  | 872.7  | 977.7  | 1054.9 | 1004.4 | 868.7  |
| 62.5°  | 470.9  | 490.9  | 528.1  | 585.3  | 667.8  | 711.7  | 760.9  | 867.3  | 916.6  | 871.3  | 733.0  |
| 65°    | 412.4  | 428.3  | 461.6  | 509.5  | 584.0  | 623.9  | 666.5  | 754.3  | 800.8  | 735.6  | 621.2  |
| 67.5°  | 353.9  | 372.5  | 396.4  | 439.0  | 497.5  | 534.8  | 572.0  | 647.8  | 669.1  | 610.6  | 514.8  |
| 70°    | 299.3  | 315.3  | 337.9  | 368.5  | 417.7  | 451.0  | 478.9  | 541.4  | 556.1  | 501.5  | 425.7  |
| 72.5°  | 246.1  | 256.7  | 275.4  | 300.6  | 345.9  | 364.5  | 393.8  | 436.3  | 455.0  | 405.7  | 351.2  |
| 75°    | 199.5  | 207.5  | 219.5  | 238.1  | 268.7  | 288.7  | 312.6  | 352.5  | 351.2  | 316.6  | 278.0  |
| 77.5°  | 154.3  | 155.6  | 168.9  | 186.2  | 204.9  | 222.2  | 234.1  | 262.1  | 264.7  | 243.4  | 211.5  |
| 80°    | 110.4  | 114.4  | 119.7  | 133.0  | 149.0  | 155.6  | 170.3  | 187.6  | 190.2  | 174.3  | 153.0  |
| 82.5°  | 70.5   | 73.2   | 77.2   | 85.1   | 95.8   | 103.8  | 111.7  | 118.4  | 125.0  | 115.7  | 98.4   |
| 85°    | 39.9   | 41.2   | 45.2   | 47.9   | 53.2   | 57.2   | 63.9   | 70.5   | 69.2   | 62.5   | 57.2   |
| 87.5°  | 20.0   | 20.0   | 20.0   | 22.6   | 25.3   | 25.3   | 27.9   | 29.3   | 30.6   | 27.9   | 25.3   |
| 90°    | 1.5    | 4.2    | 6.9    | 9.6    | 12.3   | 13.6   | 14.8   | 17.1   | 19.5   | 21.8   | 24.2   |
| 92.5°  | 28.8   | 25.8   | 22.7   | 19.7   | 16.6   | 15.1   | 16.1   | 18.1   | 20.2   | 22.2   | 24.2   |
| 95°    | 86.3   | 85.3   | 84.3   | 83.3   | 82.3   | 81.8   | 75.4   | 62.6   | 49.8   | 37.0   | 24.2   |
| 97.5°  | 162.0  | 164.0  | 166.0  | 168.1  | 170.1  | 171.1  | 155.1  | 123.2  | 91.2   | 59.3   | 27.3   |
| 100°   | 252.9  | 253.9  | 254.9  | 255.9  | 256.9  | 257.4  | 258.1  | 259.4  | 260.8  | 262.1  | 263.5  |
| 102.5° | 345.3  | 346.6  | 348.0  | 349.3  | 350.6  | 351.3  | 351.6  | 352.3  | 353.0  | 353.6  | 354.3  |
| 105°   | 445.2  | 446.6  | 447.9  | 449.3  | 450.6  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  |
| 107.5° | 548.2  | 548.2  | 548.2  | 548.2  | 548.2  | 548.2  | 548.5  | 549.2  | 549.9  | 550.5  | 551.2  |
| 110°   | 648.1  | 648.1  | 648.1  | 648.1  | 648.1  | 648.1  | 648.4  | 649.1  | 649.8  | 650.4  | 651.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 742.0  | 743.0  | 744.0  | 745.0  | 746.0  | 746.5  | 746.7  | 747.0  | 747.4  | 747.7  | 748.1  |
| 115°   | 835.9  | 837.6  | 839.3  | 841.0  | 842.7  | 843.5  | 843.7  | 844.0  | 844.3  | 844.7  | 845.0  |
| 117.5° | 934.3  | 934.3  | 934.3  | 934.3  | 934.3  | 934.3  | 935.0  | 936.3  | 937.7  | 939.0  | 940.4  |
| 120°   | 1025.2 | 1024.9 | 1024.5 | 1024.2 | 1023.9 | 1023.7 | 1024.2 | 1025.2 | 1026.2 | 1027.2 | 1028.2 |
| 122.5° | 1105.4 | 1107.1 | 1108.8 | 1110.5 | 1112.2 | 1113.0 | 1113.2 | 1113.5 | 1113.8 | 1114.2 | 1114.5 |
| 125°   | 1188.7 | 1191.1 | 1193.4 | 1195.8 | 1198.1 | 1199.3 | 1199.3 | 1199.3 | 1199.3 | 1199.3 | 1199.3 |
| 127.5° | 1269.0 | 1270.7 | 1272.3 | 1274.0 | 1275.7 | 1276.5 | 1276.3 | 1276.0 | 1275.7 | 1275.3 | 1275.0 |
| 130°   | 1341.7 | 1343.4 | 1345.0 | 1346.7 | 1348.4 | 1349.2 | 1349.4 | 1349.7 | 1350.0 | 1350.4 | 1350.7 |
| 132.5° | 1414.3 | 1416.3 | 1418.3 | 1420.4 | 1422.4 | 1423.4 | 1422.9 | 1421.9 | 1420.9 | 1419.9 | 1418.9 |
| 135°   | 1482.5 | 1484.5 | 1486.5 | 1488.6 | 1490.6 | 1491.6 | 1491.3 | 1490.6 | 1489.9 | 1489.2 | 1488.5 |
| 137.5° | 1546.1 | 1548.1 | 1550.1 | 1552.2 | 1554.2 | 1555.2 | 1554.9 | 1554.2 | 1553.5 | 1552.8 | 1552.1 |
| 140°   | 1608.2 | 1608.9 | 1609.5 | 1610.2 | 1610.9 | 1611.2 | 1611.0 | 1610.7 | 1610.4 | 1610.0 | 1609.7 |
| 142.5° | 1664.2 | 1664.5 | 1664.9 | 1665.2 | 1665.5 | 1665.7 | 1666.0 | 1666.7 | 1667.4 | 1668.0 | 1668.7 |
| 145°   | 1718.7 | 1719.4 | 1720.0 | 1720.7 | 1721.4 | 1721.7 | 1721.7 | 1721.7 | 1721.7 | 1721.7 | 1721.7 |
| 147.5° | 1767.2 | 1767.2 | 1767.2 | 1767.2 | 1767.2 | 1767.2 | 1767.4 | 1767.7 | 1768.0 | 1768.4 | 1768.7 |
| 150°   | 1812.6 | 1811.9 | 1811.3 | 1810.6 | 1809.9 | 1809.6 | 1809.9 | 1810.6 | 1811.3 | 1811.9 | 1812.6 |
| 152.5° | 1856.5 | 1854.8 | 1853.1 | 1851.4 | 1849.7 | 1848.9 | 1849.2 | 1849.9 | 1850.6 | 1851.3 | 1852.0 |
| 155°   | 1892.9 | 1890.9 | 1888.9 | 1886.8 | 1884.8 | 1883.8 | 1884.1 | 1884.8 | 1885.5 | 1886.1 | 1886.8 |
| 157.5° | 1921.6 | 1920.6 | 1919.6 | 1918.6 | 1917.6 | 1917.1 | 1917.1 | 1917.1 | 1917.1 | 1917.1 | 1917.1 |
| 160°   | 1951.9 | 1949.9 | 1947.9 | 1945.8 | 1943.8 | 1942.8 | 1943.0 | 1943.3 | 1943.6 | 1944.0 | 1944.3 |
| 162.5° | 1976.1 | 1974.1 | 1972.1 | 1970.1 | 1968.1 | 1967.1 | 1967.3 | 1967.6 | 1967.9 | 1968.3 | 1968.6 |
| 165°   | 1997.3 | 1995.3 | 1993.3 | 1991.3 | 1989.3 | 1988.3 | 1988.5 | 1988.8 | 1989.1 | 1989.5 | 1989.8 |
| 167.5° | 2014.0 | 2012.0 | 2010.0 | 2007.9 | 2005.9 | 2004.9 | 2005.1 | 2005.4 | 2005.7 | 2006.1 | 2006.4 |
| 170°   | 2027.6 | 2025.2 | 2022.9 | 2020.5 | 2018.2 | 2017.0 | 2017.2 | 2017.5 | 2017.8 | 2018.2 | 2018.5 |
| 172.5° | 2036.7 | 2034.3 | 2032.0 | 2029.6 | 2027.3 | 2026.1 | 2026.4 | 2027.1 | 2027.8 | 2028.4 | 2029.1 |
| 175°   | 2042.8 | 2040.8 | 2038.8 | 2036.7 | 2034.7 | 2033.7 | 2033.9 | 2034.2 | 2034.5 | 2034.9 | 2035.2 |
| 177.5° | 2047.3 | 2045.3 | 2043.3 | 2041.2 | 2039.2 | 2038.2 | 2038.4 | 2038.7 | 2039.0 | 2039.4 | 2039.7 |
| 180°   | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 |
| 2.5°   | 1638.9 | 1648.2 | 1656.2 | 1662.8 | 1668.2 | 1676.1 | 1670.8 | 1672.1 | 1674.8 | 1680.1 | 1680.1 |
| 5°     | 1745.3 | 1759.9 | 1767.9 | 1794.5 | 1801.2 | 1799.9 | 1795.9 | 1817.1 | 1815.8 | 1807.8 | 1806.5 |
| 7.5°   | 1849.1 | 1874.3 | 1897.0 | 1918.2 | 1924.9 | 1942.2 | 1946.2 | 1955.5 | 1952.8 | 1966.1 | 1959.5 |
| 10°    | 1943.5 | 1983.4 | 2004.7 | 2036.6 | 2044.6 | 2052.6 | 2063.2 | 2068.6 | 2080.5 | 2079.2 | 2079.2 |
| 12.5°  | 2016.7 | 2064.6 | 2092.5 | 2100.5 | 2131.1 | 2140.4 | 2149.7 | 2167.0 | 2163.0 | 2164.3 | 2172.3 |
| 15°    | 2073.9 | 2120.4 | 2144.4 | 2181.6 | 2202.9 | 2213.6 | 2229.5 | 2248.2 | 2245.5 | 2257.5 | 2254.8 |
| 17.5°  | 2116.5 | 2160.4 | 2204.3 | 2260.1 | 2261.5 | 2289.4 | 2326.6 | 2334.6 | 2351.9 | 2339.9 | 2339.9 |
| 20°    | 2151.0 | 2209.6 | 2272.1 | 2343.9 | 2351.9 | 2369.2 | 2414.4 | 2445.0 | 2465.0 | 2458.3 | 2462.3 |
| 22.5°  | 2188.3 | 2272.1 | 2345.3 | 2417.1 | 2455.7 | 2486.3 | 2530.2 | 2578.1 | 2595.4 | 2606.0 | 2603.3 |
| 25°    | 2236.2 | 2324.0 | 2431.7 | 2531.5 | 2571.4 | 2629.9 | 2688.5 | 2735.0 | 2748.3 | 2777.6 | 2751.0 |
| 27.5°  | 2285.4 | 2409.1 | 2543.5 | 2660.5 | 2711.1 | 2759.0 | 2829.5 | 2864.1 | 2881.4 | 2894.7 | 2885.3 |
| 30°    | 2326.6 | 2496.9 | 2643.2 | 2751.0 | 2786.9 | 2814.8 | 2854.8 | 2862.7 | 2856.1 | 2866.7 | 2880.0 |
| 32.5°  | 2390.5 | 2556.8 | 2680.5 | 2732.4 | 2728.4 | 2727.0 | 2696.5 | 2653.9 | 2644.6 | 2619.3 | 2653.9 |
| 35°    | 2425.1 | 2558.1 | 2606.0 | 2536.8 | 2508.9 | 2458.3 | 2361.2 | 2297.4 | 2241.5 | 2229.5 | 2232.2 |
| 37.5°  | 2405.1 | 2457.0 | 2399.8 | 2217.6 | 2172.3 | 2095.2 | 1966.1 | 1875.7 | 1834.4 | 1802.5 | 1843.7 |
| 40°    | 2297.4 | 2240.2 | 2083.2 | 1861.0 | 1795.9 | 1722.7 | 1601.6 | 1552.4 | 1493.9 | 1481.9 | 1536.5 |
| 42.5°  | 2119.1 | 1944.8 | 1722.7 | 1551.1 | 1483.2 | 1442.0 | 1340.9 | 1294.3 | 1253.1 | 1234.5 | 1265.1 |
| 45°    | 1877.0 | 1665.5 | 1442.0 | 1301.0 | 1243.8 | 1194.6 | 1134.7 | 1085.5 | 1058.9 | 1050.9 | 1076.2 |
| 47.5°  | 1626.9 | 1403.4 | 1225.2 | 1120.1 | 1060.2 | 1023.0 | 967.1  | 939.2  | 917.9  | 920.5  | 924.5  |
| 50°    | 1387.5 | 1183.9 | 1046.9 | 941.8  | 912.6  | 883.3  | 846.0  | 822.1  | 811.5  | 815.5  | 812.8  |
| 52.5°  | 1181.3 | 1016.3 | 900.6  | 819.4  | 806.1  | 778.2  | 747.6  | 727.7  | 723.7  | 725.0  | 729.0  |
| 55°    | 1000.4 | 871.3  | 779.5  | 721.0  | 706.4  | 686.4  | 667.8  | 654.5  | 643.8  | 647.8  | 646.5  |
| 57.5°  | 863.3  | 750.3  | 679.8  | 631.9  | 621.2  | 609.3  | 592.0  | 585.3  | 581.3  | 573.3  | 580.0  |
| 60°    | 742.3  | 650.5  | 589.3  | 560.0  | 550.7  | 542.7  | 524.1  | 516.1  | 513.5  | 509.5  | 520.1  |
| 62.5°  | 627.9  | 562.7  | 516.1  | 489.5  | 480.2  | 472.2  | 462.9  | 456.3  | 457.6  | 452.3  | 457.6  |
| 65°    | 537.4  | 484.2  | 451.0  | 427.0  | 415.0  | 409.7  | 408.4  | 397.7  | 396.4  | 397.7  | 399.1  |
| 67.5°  | 453.6  | 408.4  | 383.1  | 368.5  | 359.2  | 353.9  | 349.9  | 343.2  | 348.5  | 344.5  | 347.2  |
| 70°    | 377.8  | 347.2  | 320.6  | 306.0  | 302.0  | 303.3  | 296.6  | 294.0  | 295.3  | 292.7  | 295.3  |
| 72.5°  | 304.6  | 279.4  | 268.7  | 258.1  | 252.8  | 251.4  | 247.4  | 243.4  | 247.4  | 246.1  | 246.1  |
| 75°    | 243.4  | 224.8  | 212.8  | 206.2  | 206.2  | 203.5  | 196.9  | 196.9  | 196.9  | 195.5  | 196.9  |
| 77.5°  | 187.6  | 171.6  | 166.3  | 159.6  | 159.6  | 155.6  | 154.3  | 154.3  | 151.7  | 155.6  | 153.0  |
| 80°    | 139.7  | 127.7  | 119.7  | 115.7  | 115.7  | 114.4  | 111.7  | 110.4  | 111.7  | 110.4  | 110.4  |
| 82.5°  | 90.5   | 85.1   | 81.1   | 77.2   | 75.8   | 77.2   | 75.8   | 73.2   | 74.5   | 73.2   | 75.8   |
| 85°    | 51.9   | 46.6   | 46.6   | 43.9   | 45.2   | 42.6   | 43.9   | 41.2   | 39.9   | 43.9   | 41.2   |
| 87.5°  | 22.6   | 21.3   | 21.3   | 18.6   | 18.6   | 18.6   | 17.3   | 18.6   | 17.3   | 16.0   | 17.3   |
| 90°    | 25.9   | 27.6   | 29.3   | 31.0   | 31.8   | 32.3   | 33.3   | 34.3   | 35.3   | 36.3   | 35.3   |
| 92.5°  | 25.9   | 27.6   | 29.3   | 31.0   | 31.8   | 32.0   | 32.3   | 32.6   | 33.0   | 33.3   | 33.0   |
| 95°    | 25.9   | 27.6   | 29.3   | 31.0   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   |
| 97.5°  | 28.0   | 28.6   | 29.3   | 30.0   | 30.3   | 30.5   | 30.8   | 31.1   | 31.5   | 31.8   | 31.5   |
| 100°   | 213.4  | 163.2  | 113.1  | 63.0   | 37.9   | 37.2   | 35.9   | 34.5   | 33.2   | 31.8   | 33.2   |
| 102.5° | 355.0  | 355.7  | 356.4  | 357.1  | 357.4  | 343.3  | 315.0  | 286.7  | 258.5  | 230.2  | 258.5  |
| 105°   | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.1  | 450.8  | 450.4  | 450.1  | 449.7  | 450.1  |
| 107.5° | 551.5  | 551.9  | 552.2  | 552.5  | 552.7  | 552.0  | 550.7  | 549.4  | 548.0  | 546.7  | 548.0  |
| 110°   | 650.1  | 649.1  | 648.1  | 647.1  | 646.6  | 646.8  | 647.1  | 647.4  | 647.8  | 648.1  | 647.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 746.7  | 745.4  | 744.0  | 742.7  | 742.0  | 741.7  | 741.0  | 740.3  | 739.7  | 739.0  | 739.7  |
| 115°   | 843.6  | 842.3  | 840.9  | 839.6  | 838.9  | 837.9  | 835.9  | 833.8  | 831.8  | 829.8  | 831.8  |
| 117.5° | 938.4  | 936.4  | 934.3  | 932.3  | 931.3  | 931.0  | 930.3  | 929.6  | 929.0  | 928.3  | 929.0  |
| 120°   | 1027.5 | 1026.9 | 1026.2 | 1025.5 | 1025.2 | 1024.4 | 1022.7 | 1021.0 | 1019.3 | 1017.6 | 1019.3 |
| 122.5° | 1113.8 | 1113.2 | 1112.5 | 1111.8 | 1111.5 | 1110.5 | 1108.5 | 1106.4 | 1104.4 | 1102.4 | 1104.4 |
| 125°   | 1198.0 | 1196.6 | 1195.3 | 1194.0 | 1193.3 | 1192.8 | 1191.8 | 1190.7 | 1189.7 | 1188.7 | 1189.7 |
| 127.5° | 1274.3 | 1273.7 | 1273.0 | 1272.3 | 1272.0 | 1270.7 | 1268.0 | 1265.3 | 1262.6 | 1259.9 | 1262.6 |
| 130°   | 1349.7 | 1348.7 | 1347.7 | 1346.7 | 1346.2 | 1345.4 | 1343.7 | 1342.0 | 1340.3 | 1338.6 | 1340.3 |
| 132.5° | 1418.9 | 1418.9 | 1418.9 | 1418.9 | 1418.9 | 1418.1 | 1416.4 | 1414.7 | 1413.0 | 1411.3 | 1413.0 |
| 135°   | 1487.8 | 1487.2 | 1486.5 | 1485.8 | 1485.5 | 1484.5 | 1482.5 | 1480.4 | 1478.4 | 1476.4 | 1478.4 |
| 137.5° | 1552.1 | 1552.1 | 1552.1 | 1552.1 | 1552.1 | 1551.3 | 1549.6 | 1547.9 | 1546.3 | 1544.6 | 1546.3 |
| 140°   | 1610.4 | 1611.0 | 1611.7 | 1612.4 | 1612.7 | 1611.7 | 1609.7 | 1607.6 | 1605.6 | 1603.6 | 1605.6 |
| 142.5° | 1668.7 | 1668.7 | 1668.7 | 1668.7 | 1668.7 | 1667.7 | 1665.7 | 1663.7 | 1661.7 | 1659.7 | 1661.7 |
| 145°   | 1722.1 | 1722.4 | 1722.8 | 1723.1 | 1723.3 | 1722.3 | 1720.3 | 1718.2 | 1716.2 | 1714.2 | 1716.2 |
| 147.5° | 1769.0 | 1769.4 | 1769.7 | 1770.0 | 1770.2 | 1769.0 | 1766.7 | 1764.3 | 1762.0 | 1759.6 | 1762.0 |
| 150°   | 1813.3 | 1813.9 | 1814.6 | 1815.3 | 1815.6 | 1814.3 | 1811.6 | 1808.9 | 1806.2 | 1803.5 | 1806.2 |
| 152.5° | 1852.7 | 1853.3 | 1854.0 | 1854.7 | 1855.0 | 1853.8 | 1851.5 | 1849.1 | 1846.8 | 1844.4 | 1846.8 |
| 155°   | 1887.8 | 1888.8 | 1889.8 | 1890.8 | 1891.3 | 1890.0 | 1887.3 | 1884.6 | 1881.9 | 1879.2 | 1881.9 |
| 157.5° | 1918.1 | 1919.1 | 1920.1 | 1921.1 | 1921.6 | 1920.3 | 1917.6 | 1914.9 | 1912.2 | 1909.5 | 1912.2 |
| 160°   | 1945.7 | 1947.0 | 1948.4 | 1949.7 | 1950.4 | 1949.1 | 1946.4 | 1943.7 | 1941.0 | 1938.3 | 1941.0 |
| 162.5° | 1970.6 | 1972.6 | 1974.7 | 1976.7 | 1977.7 | 1976.2 | 1973.1 | 1970.1 | 1967.0 | 1964.0 | 1967.0 |
| 165°   | 1991.8 | 1993.8 | 1995.9 | 1997.9 | 1998.9 | 1997.5 | 1994.8 | 1992.1 | 1989.4 | 1986.7 | 1989.4 |
| 167.5° | 2008.8 | 2011.1 | 2013.5 | 2015.8 | 2017.0 | 2015.5 | 2012.5 | 2009.4 | 2006.4 | 2003.4 | 2006.4 |
| 170°   | 2021.2 | 2023.9 | 2026.6 | 2029.3 | 2030.7 | 2029.2 | 2026.1 | 2023.1 | 2020.0 | 2017.0 | 2020.0 |
| 172.5° | 2031.5 | 2033.8 | 2036.2 | 2038.5 | 2039.7 | 2038.2 | 2035.2 | 2032.1 | 2029.1 | 2026.1 | 2029.1 |
| 175°   | 2037.9 | 2040.6 | 2043.3 | 2046.0 | 2047.3 | 2045.8 | 2042.8 | 2039.7 | 2036.7 | 2033.7 | 2036.7 |
| 177.5° | 2042.1 | 2044.4 | 2046.8 | 2049.1 | 2050.3 | 2049.0 | 2046.3 | 2043.6 | 2040.9 | 2038.2 | 2040.9 |
| 180°   | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 |
| 2.5°   | 1677.5 | 1668.2 | 1670.8 | 1668.2 | 1661.5 | 1657.5 | 1646.9 | 1633.6 | 1628.2 | 1621.6 | 1617.6 |
| 5°     | 1811.8 | 1805.2 | 1803.8 | 1793.2 | 1790.5 | 1774.6 | 1748.0 | 1734.7 | 1718.7 | 1702.7 | 1686.8 |
| 7.5°   | 1958.2 | 1950.2 | 1923.6 | 1919.6 | 1922.2 | 1902.3 | 1867.7 | 1841.1 | 1807.8 | 1785.2 | 1754.6 |
| 10°    | 2079.2 | 2063.2 | 2040.6 | 2042.0 | 2032.6 | 2006.0 | 1971.5 | 1943.5 | 1895.6 | 1866.4 | 1822.5 |
| 12.5°  | 2152.4 | 2139.1 | 2136.4 | 2123.1 | 2115.1 | 2080.5 | 2039.3 | 2003.4 | 1967.5 | 1927.6 | 1894.3 |
| 15°    | 2241.5 | 2224.2 | 2212.2 | 2193.6 | 2188.3 | 2152.4 | 2107.1 | 2065.9 | 2024.7 | 1987.4 | 1916.9 |
| 17.5°  | 2339.9 | 2321.3 | 2276.1 | 2272.1 | 2240.2 | 2205.6 | 2161.7 | 2100.5 | 2056.6 | 2003.4 | 1951.5 |
| 20°    | 2451.7 | 2425.1 | 2366.5 | 2351.9 | 2326.6 | 2269.4 | 2209.6 | 2141.7 | 2071.2 | 2016.7 | 1955.5 |
| 22.5°  | 2576.7 | 2530.2 | 2487.6 | 2441.0 | 2422.4 | 2351.9 | 2269.4 | 2187.0 | 2101.8 | 2027.3 | 1954.2 |
| 25°    | 2739.0 | 2677.8 | 2618.0 | 2571.4 | 2539.5 | 2447.7 | 2337.3 | 2228.2 | 2129.8 | 2032.6 | 1936.9 |
| 27.5°  | 2866.7 | 2813.5 | 2748.3 | 2687.1 | 2645.9 | 2536.8 | 2410.4 | 2269.4 | 2147.1 | 2028.7 | 1926.2 |
| 30°    | 2876.0 | 2860.1 | 2820.2 | 2786.9 | 2741.7 | 2624.6 | 2484.9 | 2325.3 | 2173.7 | 2030.0 | 1904.9 |
| 32.5°  | 2701.8 | 2733.7 | 2751.0 | 2756.3 | 2747.0 | 2679.2 | 2551.5 | 2375.9 | 2197.6 | 2018.0 | 1886.3 |
| 35°    | 2326.6 | 2411.8 | 2516.9 | 2556.8 | 2595.4 | 2631.3 | 2564.8 | 2411.8 | 2205.6 | 2015.4 | 1857.1 |
| 37.5°  | 1915.6 | 1992.7 | 2167.0 | 2246.8 | 2292.0 | 2434.4 | 2488.9 | 2406.5 | 2221.5 | 2018.0 | 1829.1 |
| 40°    | 1545.8 | 1668.2 | 1793.2 | 1901.0 | 1971.5 | 2131.1 | 2300.0 | 2318.7 | 2198.9 | 1992.7 | 1793.2 |
| 42.5°  | 1301.0 | 1372.8 | 1467.3 | 1567.1 | 1629.6 | 1818.5 | 2047.3 | 2181.6 | 2128.4 | 1951.5 | 1749.3 |
| 45°    | 1108.1 | 1161.3 | 1250.5 | 1283.7 | 1363.5 | 1544.4 | 1786.5 | 1980.8 | 2007.4 | 1886.3 | 1698.8 |
| 47.5°  | 951.1  | 996.4  | 1053.6 | 1094.8 | 1158.7 | 1294.3 | 1499.2 | 1713.4 | 1841.1 | 1797.2 | 1628.2 |
| 50°    | 838.1  | 875.3  | 923.2  | 947.1  | 988.4  | 1110.8 | 1265.1 | 1477.9 | 1649.5 | 1664.2 | 1536.5 |
| 52.5°  | 743.6  | 764.9  | 802.2  | 828.8  | 862.0  | 936.5  | 1076.2 | 1251.8 | 1444.7 | 1524.5 | 1423.4 |
| 55°    | 661.1  | 678.4  | 711.7  | 729.0  | 746.3  | 810.1  | 919.2  | 1078.8 | 1259.8 | 1364.9 | 1307.7 |
| 57.5°  | 586.6  | 601.3  | 629.2  | 645.2  | 654.5  | 715.7  | 799.5  | 924.5  | 1086.8 | 1214.5 | 1182.6 |
| 60°    | 525.5  | 538.8  | 554.7  | 566.7  | 577.3  | 627.9  | 686.4  | 787.5  | 932.5  | 1056.2 | 1048.3 |
| 62.5°  | 460.3  | 472.2  | 489.5  | 501.5  | 510.8  | 542.7  | 592.0  | 669.1  | 792.8  | 907.2  | 929.9  |
| 65°    | 403.1  | 412.4  | 424.4  | 429.7  | 441.6  | 465.6  | 505.5  | 574.7  | 675.8  | 778.2  | 794.2  |
| 67.5°  | 351.2  | 353.9  | 361.8  | 373.8  | 376.5  | 397.7  | 433.7  | 485.5  | 564.0  | 647.8  | 673.1  |
| 70°    | 295.3  | 299.3  | 306.0  | 315.3  | 320.6  | 333.9  | 364.5  | 399.1  | 466.9  | 540.1  | 558.7  |
| 72.5°  | 246.1  | 251.4  | 254.1  | 259.4  | 262.1  | 283.3  | 296.6  | 331.2  | 377.8  | 439.0  | 458.9  |
| 75°    | 199.5  | 204.9  | 206.2  | 208.9  | 211.5  | 220.8  | 239.4  | 260.7  | 299.3  | 339.2  | 365.8  |
| 77.5°  | 158.3  | 157.0  | 159.6  | 163.6  | 162.3  | 170.3  | 182.2  | 200.9  | 226.1  | 259.4  | 276.7  |
| 80°    | 111.7  | 111.7  | 115.7  | 119.7  | 118.4  | 126.4  | 130.4  | 143.7  | 165.0  | 186.2  | 192.9  |
| 82.5°  | 74.5   | 74.5   | 78.5   | 78.5   | 81.1   | 82.5   | 87.8   | 94.4   | 111.7  | 122.4  | 126.4  |
| 85°    | 42.6   | 42.6   | 43.9   | 43.9   | 43.9   | 46.6   | 50.6   | 53.2   | 58.5   | 65.2   | 67.8   |
| 87.5°  | 17.3   | 18.6   | 18.6   | 18.6   | 18.6   | 21.3   | 21.3   | 23.9   | 25.3   | 27.9   | 27.9   |
| 90°    | 34.3   | 33.3   | 32.3   | 31.8   | 31.0   | 29.3   | 27.6   | 25.9   | 24.2   | 21.8   | 19.5   |
| 92.5°  | 32.6   | 32.3   | 32.0   | 31.8   | 31.0   | 29.3   | 27.6   | 25.9   | 24.2   | 22.2   | 20.2   |
| 95°    | 31.8   | 31.8   | 31.8   | 31.8   | 31.0   | 29.3   | 27.6   | 25.9   | 24.2   | 37.0   | 49.8   |
| 97.5°  | 31.1   | 30.8   | 30.5   | 30.3   | 30.0   | 29.3   | 28.6   | 28.0   | 27.3   | 59.3   | 91.2   |
| 100°   | 34.5   | 35.9   | 37.2   | 37.9   | 63.0   | 113.1  | 163.2  | 213.4  | 263.5  | 262.1  | 260.8  |
| 102.5° | 286.7  | 315.0  | 343.3  | 357.4  | 357.1  | 356.4  | 355.7  | 355.0  | 354.3  | 353.6  | 353.0  |
| 105°   | 450.4  | 450.8  | 451.1  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  |
| 107.5° | 549.4  | 550.7  | 552.0  | 552.7  | 552.5  | 552.2  | 551.9  | 551.5  | 551.2  | 550.5  | 549.9  |
| 110°   | 647.4  | 647.1  | 646.8  | 646.6  | 647.1  | 648.1  | 649.1  | 650.1  | 651.1  | 650.4  | 649.8  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 740.3  | 741.0  | 741.7  | 742.0  | 742.7  | 744.0  | 745.4  | 746.7  | 748.1  | 747.7  | 747.4  |
| 115°   | 833.8  | 835.9  | 837.9  | 838.9  | 839.6  | 840.9  | 842.3  | 843.6  | 845.0  | 844.7  | 844.3  |
| 117.5° | 929.6  | 930.3  | 931.0  | 931.3  | 932.3  | 934.3  | 936.4  | 938.4  | 940.4  | 939.0  | 937.7  |
| 120°   | 1021.0 | 1022.7 | 1024.4 | 1025.2 | 1025.5 | 1026.2 | 1026.9 | 1027.5 | 1028.2 | 1027.2 | 1026.2 |
| 122.5° | 1106.4 | 1108.5 | 1110.5 | 1111.5 | 1111.8 | 1112.5 | 1113.2 | 1113.8 | 1114.5 | 1114.2 | 1113.8 |
| 125°   | 1190.7 | 1191.8 | 1192.8 | 1193.3 | 1194.0 | 1195.3 | 1196.6 | 1198.0 | 1199.3 | 1199.3 | 1199.3 |
| 127.5° | 1265.3 | 1268.0 | 1270.7 | 1272.0 | 1272.3 | 1273.0 | 1273.7 | 1274.3 | 1275.0 | 1275.3 | 1275.7 |
| 130°   | 1342.0 | 1343.7 | 1345.4 | 1346.2 | 1346.7 | 1347.7 | 1348.7 | 1349.7 | 1350.7 | 1350.4 | 1350.0 |
| 132.5° | 1414.7 | 1416.4 | 1418.1 | 1418.9 | 1418.9 | 1418.9 | 1418.9 | 1418.9 | 1418.9 | 1419.9 | 1420.9 |
| 135°   | 1480.4 | 1482.5 | 1484.5 | 1485.5 | 1485.8 | 1486.5 | 1487.2 | 1487.8 | 1488.5 | 1489.2 | 1489.9 |
| 137.5° | 1547.9 | 1549.6 | 1551.3 | 1552.1 | 1552.1 | 1552.1 | 1552.1 | 1552.1 | 1552.1 | 1552.8 | 1553.5 |
| 140°   | 1607.6 | 1609.7 | 1611.7 | 1612.7 | 1612.4 | 1611.7 | 1611.0 | 1610.4 | 1609.7 | 1610.0 | 1610.4 |
| 142.5° | 1663.7 | 1665.7 | 1667.7 | 1668.7 | 1668.7 | 1668.7 | 1668.7 | 1668.7 | 1668.7 | 1668.0 | 1667.4 |
| 145°   | 1718.2 | 1720.3 | 1722.3 | 1723.3 | 1723.1 | 1722.8 | 1722.4 | 1722.1 | 1721.7 | 1721.7 | 1721.7 |
| 147.5° | 1764.3 | 1766.7 | 1769.0 | 1770.2 | 1770.0 | 1769.7 | 1769.4 | 1769.0 | 1768.7 | 1768.4 | 1768.0 |
| 150°   | 1808.9 | 1811.6 | 1814.3 | 1815.6 | 1815.3 | 1814.6 | 1813.9 | 1813.3 | 1812.6 | 1811.9 | 1811.3 |
| 152.5° | 1849.1 | 1851.5 | 1853.8 | 1855.0 | 1854.7 | 1854.0 | 1853.3 | 1852.7 | 1852.0 | 1851.3 | 1850.6 |
| 155°   | 1884.6 | 1887.3 | 1890.0 | 1891.3 | 1890.8 | 1889.8 | 1888.8 | 1887.8 | 1886.8 | 1886.1 | 1885.5 |
| 157.5° | 1914.9 | 1917.6 | 1920.3 | 1921.6 | 1921.1 | 1920.1 | 1919.1 | 1918.1 | 1917.1 | 1917.1 | 1917.1 |
| 160°   | 1943.7 | 1946.4 | 1949.1 | 1950.4 | 1949.7 | 1948.4 | 1947.0 | 1945.7 | 1944.3 | 1944.0 | 1943.6 |
| 162.5° | 1970.1 | 1973.1 | 1976.2 | 1977.7 | 1976.7 | 1974.7 | 1972.6 | 1970.6 | 1968.6 | 1968.3 | 1967.9 |
| 165°   | 1992.1 | 1994.8 | 1997.5 | 1998.9 | 1997.9 | 1995.9 | 1993.8 | 1991.8 | 1989.8 | 1989.5 | 1989.1 |
| 167.5° | 2009.4 | 2012.5 | 2015.5 | 2017.0 | 2015.8 | 2013.5 | 2011.1 | 2008.8 | 2006.4 | 2006.1 | 2005.7 |
| 170°   | 2023.1 | 2026.1 | 2029.2 | 2030.7 | 2029.3 | 2026.6 | 2023.9 | 2021.2 | 2018.5 | 2018.2 | 2017.8 |
| 172.5° | 2032.1 | 2035.2 | 2038.2 | 2039.7 | 2038.5 | 2036.2 | 2033.8 | 2031.5 | 2029.1 | 2028.4 | 2027.8 |
| 175°   | 2039.7 | 2042.8 | 2045.8 | 2047.3 | 2046.0 | 2043.3 | 2040.6 | 2037.9 | 2035.2 | 2034.9 | 2034.5 |
| 177.5° | 2043.6 | 2046.3 | 2049.0 | 2050.3 | 2049.1 | 2046.8 | 2044.4 | 2042.1 | 2039.7 | 2039.4 | 2039.0 |
| 180°   | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 |
| 2.5°   | 1612.3 | 1605.6 | 1597.7 | 1597.7 | 1588.3 | 1584.3 | 1576.4 | 1573.7 | 1567.1 | 1556.4 | 1548.4 |
| 5°     | 1669.5 | 1652.2 | 1641.5 | 1632.2 | 1612.3 | 1597.7 | 1583.0 | 1567.1 | 1551.1 | 1532.5 | 1511.2 |
| 7.5°   | 1725.4 | 1693.4 | 1678.8 | 1662.8 | 1633.6 | 1603.0 | 1573.7 | 1552.4 | 1531.1 | 1501.9 | 1475.3 |
| 10°    | 1783.9 | 1744.0 | 1717.4 | 1696.1 | 1650.9 | 1612.3 | 1569.7 | 1539.1 | 1505.9 | 1468.6 | 1434.0 |
| 12.5°  | 1833.1 | 1781.2 | 1758.6 | 1718.7 | 1666.8 | 1620.3 | 1567.1 | 1520.5 | 1476.6 | 1432.7 | 1390.1 |
| 15°    | 1874.3 | 1825.1 | 1769.3 | 1753.3 | 1681.5 | 1614.9 | 1555.1 | 1495.2 | 1440.7 | 1396.8 | 1347.6 |
| 17.5°  | 1887.6 | 1825.1 | 1797.2 | 1758.6 | 1673.5 | 1604.3 | 1528.5 | 1463.3 | 1411.4 | 1346.2 | 1307.7 |
| 20°    | 1891.6 | 1831.8 | 1793.2 | 1757.3 | 1681.5 | 1589.7 | 1515.2 | 1435.4 | 1372.8 | 1307.7 | 1246.5 |
| 22.5°  | 1881.0 | 1810.5 | 1773.2 | 1738.7 | 1653.5 | 1575.0 | 1488.6 | 1400.8 | 1327.6 | 1267.7 | 1206.6 |
| 25°    | 1861.0 | 1778.6 | 1742.6 | 1705.4 | 1624.3 | 1537.8 | 1443.3 | 1359.5 | 1291.7 | 1219.9 | 1160.0 |
| 27.5°  | 1834.4 | 1740.0 | 1698.8 | 1660.2 | 1580.4 | 1499.2 | 1410.1 | 1323.6 | 1247.8 | 1172.0 | 1116.1 |
| 30°    | 1801.2 | 1692.1 | 1654.9 | 1604.3 | 1527.1 | 1450.0 | 1368.8 | 1282.4 | 1197.2 | 1125.4 | 1064.2 |
| 32.5°  | 1758.6 | 1644.2 | 1595.0 | 1547.1 | 1463.3 | 1392.8 | 1315.6 | 1234.5 | 1152.0 | 1081.5 | 1017.7 |
| 35°    | 1720.0 | 1589.7 | 1535.1 | 1487.2 | 1394.1 | 1319.6 | 1255.8 | 1179.9 | 1106.8 | 1033.6 | 976.4  |
| 37.5°  | 1668.2 | 1535.1 | 1469.9 | 1420.7 | 1326.3 | 1250.5 | 1190.6 | 1132.1 | 1054.9 | 984.4  | 931.2  |
| 40°    | 1613.6 | 1467.3 | 1406.1 | 1356.9 | 1258.4 | 1176.0 | 1118.8 | 1066.9 | 1004.4 | 939.2  | 883.3  |
| 42.5°  | 1564.4 | 1402.1 | 1336.9 | 1277.1 | 1177.3 | 1104.1 | 1045.6 | 1005.7 | 948.5  | 889.9  | 839.4  |
| 45°    | 1501.9 | 1332.9 | 1262.4 | 1199.9 | 1104.1 | 1024.3 | 968.4  | 936.5  | 893.9  | 836.7  | 792.8  |
| 47.5°  | 1438.0 | 1258.4 | 1185.3 | 1124.1 | 1020.3 | 949.8  | 895.3  | 864.7  | 835.4  | 790.2  | 746.3  |
| 50°    | 1354.2 | 1179.9 | 1113.4 | 1042.9 | 940.5  | 868.7  | 823.4  | 792.8  | 770.2  | 738.3  | 701.1  |
| 52.5°  | 1262.4 | 1098.8 | 1027.0 | 965.8  | 864.7  | 799.5  | 747.6  | 730.3  | 707.7  | 683.8  | 651.8  |
| 55°    | 1165.3 | 1011.0 | 941.8  | 882.0  | 788.8  | 722.3  | 679.8  | 661.1  | 643.8  | 625.2  | 603.9  |
| 57.5°  | 1068.2 | 919.2  | 854.0  | 800.8  | 714.4  | 650.5  | 615.9  | 590.6  | 578.7  | 568.0  | 550.7  |
| 60°    | 947.1  | 820.8  | 770.2  | 722.3  | 637.2  | 578.7  | 545.4  | 526.8  | 516.1  | 510.8  | 502.8  |
| 62.5°  | 840.7  | 737.0  | 681.1  | 634.5  | 566.7  | 514.8  | 482.9  | 468.3  | 458.9  | 456.3  | 447.0  |
| 65°    | 727.7  | 638.5  | 594.6  | 554.7  | 496.2  | 449.6  | 423.0  | 405.7  | 399.1  | 397.7  | 397.7  |
| 67.5°  | 621.2  | 549.4  | 505.5  | 477.6  | 427.0  | 385.8  | 360.5  | 353.9  | 349.9  | 344.5  | 343.2  |
| 70°    | 521.5  | 464.3  | 425.7  | 401.7  | 356.5  | 325.9  | 306.0  | 295.3  | 295.3  | 291.3  | 288.7  |
| 72.5°  | 433.7  | 376.5  | 351.2  | 331.2  | 294.0  | 267.4  | 252.8  | 250.1  | 240.8  | 239.4  | 239.4  |
| 75°    | 339.2  | 296.6  | 279.4  | 262.1  | 234.1  | 215.5  | 203.5  | 196.9  | 191.6  | 191.6  | 192.9  |
| 77.5°  | 255.4  | 226.1  | 210.2  | 196.9  | 176.9  | 165.0  | 155.6  | 153.0  | 147.7  | 147.7  | 147.7  |
| 80°    | 180.9  | 165.0  | 153.0  | 142.3  | 127.7  | 117.1  | 111.7  | 106.4  | 106.4  | 105.1  | 106.4  |
| 82.5°  | 117.1  | 103.8  | 97.1   | 95.8   | 82.5   | 78.5   | 71.8   | 73.2   | 69.2   | 67.8   | 70.5   |
| 85°    | 67.8   | 61.2   | 53.2   | 50.6   | 45.2   | 39.9   | 37.2   | 38.6   | 37.2   | 35.9   | 37.2   |
| 87.5°  | 26.6   | 22.6   | 21.3   | 21.3   | 17.3   | 16.0   | 14.6   | 16.0   | 13.3   | 13.3   | 14.6   |
| 90°    | 17.1   | 14.8   | 13.6   | 12.3   | 9.6    | 6.9    | 4.2    | 1.5    | 4.2    | 6.9    | 9.6    |
| 92.5°  | 18.1   | 16.1   | 15.1   | 16.6   | 19.7   | 22.7   | 25.8   | 28.8   | 25.8   | 22.7   | 19.7   |
| 95°    | 62.6   | 75.4   | 81.8   | 82.3   | 83.3   | 84.3   | 85.3   | 86.3   | 85.3   | 84.3   | 83.3   |
| 97.5°  | 123.2  | 155.1  | 171.1  | 170.1  | 168.1  | 166.0  | 164.0  | 162.0  | 164.0  | 166.0  | 168.1  |
| 100°   | 259.4  | 258.1  | 257.4  | 256.9  | 255.9  | 254.9  | 253.9  | 252.9  | 253.9  | 254.9  | 255.9  |
| 102.5° | 352.3  | 351.6  | 351.3  | 350.6  | 349.3  | 348.0  | 346.6  | 345.3  | 346.6  | 348.0  | 349.3  |
| 105°   | 451.3  | 451.3  | 451.3  | 450.6  | 449.3  | 447.9  | 446.6  | 445.2  | 446.6  | 447.9  | 449.3  |
| 107.5° | 549.2  | 548.5  | 548.2  | 548.2  | 548.2  | 548.2  | 548.2  | 548.2  | 548.2  | 548.2  | 548.2  |
| 110°   | 649.1  | 648.4  | 648.1  | 648.1  | 648.1  | 648.1  | 648.1  | 648.1  | 648.1  | 648.1  | 648.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 747.0  | 746.7  | 746.5  | 746.0  | 745.0  | 744.0  | 743.0  | 742.0  | 743.0  | 744.0  | 745.0  |
| 115°   | 844.0  | 843.7  | 843.5  | 842.7  | 841.0  | 839.3  | 837.6  | 835.9  | 837.6  | 839.3  | 841.0  |
| 117.5° | 936.3  | 935.0  | 934.3  | 934.3  | 934.3  | 934.3  | 934.3  | 934.3  | 934.3  | 934.3  | 934.3  |
| 120°   | 1025.2 | 1024.2 | 1023.7 | 1023.9 | 1024.2 | 1024.5 | 1024.9 | 1025.2 | 1024.9 | 1024.5 | 1024.2 |
| 122.5° | 1113.5 | 1113.2 | 1113.0 | 1112.2 | 1110.5 | 1108.8 | 1107.1 | 1105.4 | 1107.1 | 1108.8 | 1110.5 |
| 125°   | 1199.3 | 1199.3 | 1199.3 | 1198.1 | 1195.8 | 1193.4 | 1191.1 | 1188.7 | 1191.1 | 1193.4 | 1195.8 |
| 127.5° | 1276.0 | 1276.3 | 1276.5 | 1275.7 | 1274.0 | 1272.3 | 1270.7 | 1269.0 | 1270.7 | 1272.3 | 1274.0 |
| 130°   | 1349.7 | 1349.4 | 1349.2 | 1348.4 | 1346.7 | 1345.0 | 1343.4 | 1341.7 | 1343.4 | 1345.0 | 1346.7 |
| 132.5° | 1421.9 | 1422.9 | 1423.4 | 1422.4 | 1420.4 | 1418.3 | 1416.3 | 1414.3 | 1416.3 | 1418.3 | 1420.4 |
| 135°   | 1490.6 | 1491.3 | 1491.6 | 1490.6 | 1488.6 | 1486.5 | 1484.5 | 1482.5 | 1484.5 | 1486.5 | 1488.6 |
| 137.5° | 1554.2 | 1554.9 | 1555.2 | 1554.2 | 1552.2 | 1550.1 | 1548.1 | 1546.1 | 1548.1 | 1550.1 | 1552.2 |
| 140°   | 1610.7 | 1611.0 | 1611.2 | 1610.9 | 1610.2 | 1609.5 | 1608.9 | 1608.2 | 1608.9 | 1609.5 | 1610.2 |
| 142.5° | 1666.7 | 1666.0 | 1665.7 | 1665.5 | 1665.2 | 1664.9 | 1664.5 | 1664.2 | 1664.5 | 1664.9 | 1665.2 |
| 145°   | 1721.7 | 1721.7 | 1721.7 | 1721.4 | 1720.7 | 1720.0 | 1719.4 | 1718.7 | 1719.4 | 1720.0 | 1720.7 |
| 147.5° | 1767.7 | 1767.4 | 1767.2 | 1767.2 | 1767.2 | 1767.2 | 1767.2 | 1767.2 | 1767.2 | 1767.2 | 1767.2 |
| 150°   | 1810.6 | 1809.9 | 1809.6 | 1809.9 | 1810.6 | 1811.3 | 1811.9 | 1812.6 | 1811.9 | 1811.3 | 1810.6 |
| 152.5° | 1849.9 | 1849.2 | 1848.9 | 1849.7 | 1851.4 | 1853.1 | 1854.8 | 1856.5 | 1854.8 | 1853.1 | 1851.4 |
| 155°   | 1884.8 | 1884.1 | 1883.8 | 1884.8 | 1886.8 | 1888.9 | 1890.9 | 1892.9 | 1890.9 | 1888.9 | 1886.8 |
| 157.5° | 1917.1 | 1917.1 | 1917.1 | 1917.6 | 1918.6 | 1919.6 | 1920.6 | 1921.6 | 1920.6 | 1919.6 | 1918.6 |
| 160°   | 1943.3 | 1943.0 | 1942.8 | 1943.8 | 1945.8 | 1947.9 | 1949.9 | 1951.9 | 1949.9 | 1947.9 | 1945.8 |
| 162.5° | 1967.6 | 1967.3 | 1967.1 | 1968.1 | 1970.1 | 1972.1 | 1974.1 | 1976.1 | 1974.1 | 1972.1 | 1970.1 |
| 165°   | 1988.8 | 1988.5 | 1988.3 | 1989.3 | 1991.3 | 1993.3 | 1995.3 | 1997.3 | 1995.3 | 1993.3 | 1991.3 |
| 167.5° | 2005.4 | 2005.1 | 2004.9 | 2005.9 | 2007.9 | 2010.0 | 2012.0 | 2014.0 | 2012.0 | 2010.0 | 2007.9 |
| 170°   | 2017.5 | 2017.2 | 2017.0 | 2018.2 | 2020.5 | 2022.9 | 2025.2 | 2027.6 | 2025.2 | 2022.9 | 2020.5 |
| 172.5° | 2027.1 | 2026.4 | 2026.1 | 2027.3 | 2029.6 | 2032.0 | 2034.3 | 2036.7 | 2034.3 | 2032.0 | 2029.6 |
| 175°   | 2034.2 | 2033.9 | 2033.7 | 2034.7 | 2036.7 | 2038.8 | 2040.8 | 2042.8 | 2040.8 | 2038.8 | 2036.7 |
| 177.5° | 2038.7 | 2038.4 | 2038.2 | 2039.2 | 2041.2 | 2043.3 | 2045.3 | 2047.3 | 2045.3 | 2043.3 | 2041.2 |
| 180°   | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 |
| 2.5°   | 1545.8 | 1543.1 | 1536.5 | 1532.5 | 1519.2 | 1503.2 | 1497.9 | 1484.6 | 1489.9 | 1480.6 | 1480.6 |
| 5°     | 1504.5 | 1492.6 | 1484.6 | 1472.6 | 1447.3 | 1430.0 | 1411.4 | 1402.1 | 1396.8 | 1390.1 | 1384.8 |
| 7.5°   | 1451.3 | 1442.0 | 1434.0 | 1411.4 | 1383.5 | 1359.5 | 1336.9 | 1327.6 | 1310.3 | 1298.3 | 1293.0 |
| 10°    | 1404.8 | 1391.5 | 1372.8 | 1346.2 | 1317.0 | 1286.4 | 1266.4 | 1246.5 | 1233.2 | 1226.5 | 1211.9 |
| 12.5°  | 1356.9 | 1340.9 | 1321.0 | 1282.4 | 1250.5 | 1231.8 | 1195.9 | 1177.3 | 1170.6 | 1165.3 | 1148.0 |
| 15°    | 1307.7 | 1290.4 | 1266.4 | 1230.5 | 1202.6 | 1158.7 | 1137.4 | 1122.7 | 1106.8 | 1105.5 | 1092.1 |
| 17.5°  | 1263.8 | 1242.5 | 1222.5 | 1178.6 | 1144.0 | 1105.5 | 1093.5 | 1077.5 | 1062.9 | 1046.9 | 1040.3 |
| 20°    | 1207.9 | 1187.9 | 1173.3 | 1125.4 | 1086.8 | 1062.9 | 1042.9 | 1029.6 | 1020.3 | 1004.4 | 1001.7 |
| 22.5°  | 1157.3 | 1136.0 | 1116.1 | 1080.2 | 1046.9 | 1016.3 | 992.4  | 977.7  | 973.8  | 967.1  | 955.1  |
| 25°    | 1108.1 | 1086.8 | 1062.9 | 1029.6 | 995.0  | 973.8  | 952.5  | 943.2  | 935.2  | 924.5  | 915.2  |
| 27.5°  | 1066.9 | 1046.9 | 1024.3 | 983.1  | 953.8  | 937.8  | 915.2  | 904.6  | 893.9  | 888.6  | 884.6  |
| 30°    | 1017.7 | 995.0  | 977.7  | 945.8  | 913.9  | 892.6  | 876.6  | 867.3  | 858.0  | 852.7  | 850.0  |
| 32.5°  | 969.8  | 948.5  | 936.5  | 901.9  | 876.6  | 851.4  | 839.4  | 832.7  | 827.4  | 822.1  | 816.8  |
| 35°    | 931.2  | 909.9  | 891.3  | 859.4  | 834.1  | 816.8  | 807.5  | 796.8  | 792.8  | 787.5  | 787.5  |
| 37.5°  | 883.3  | 867.3  | 848.7  | 818.1  | 795.5  | 782.2  | 774.2  | 760.9  | 759.6  | 756.9  | 752.9  |
| 40°    | 842.1  | 826.1  | 808.8  | 782.2  | 762.2  | 746.3  | 735.6  | 729.0  | 725.0  | 722.3  | 719.7  |
| 42.5°  | 798.2  | 780.9  | 772.9  | 742.3  | 725.0  | 709.0  | 703.7  | 697.1  | 695.7  | 690.4  | 683.8  |
| 45°    | 755.6  | 741.0  | 725.0  | 702.4  | 687.7  | 674.4  | 666.5  | 661.1  | 654.5  | 653.2  | 649.2  |
| 47.5°  | 718.3  | 701.1  | 686.4  | 665.1  | 649.2  | 638.5  | 631.9  | 625.2  | 619.9  | 615.9  | 611.9  |
| 50°    | 670.5  | 657.2  | 645.2  | 622.6  | 609.3  | 598.6  | 589.3  | 584.0  | 578.7  | 578.7  | 578.7  |
| 52.5°  | 623.9  | 611.9  | 601.3  | 585.3  | 569.4  | 560.0  | 549.4  | 545.4  | 542.7  | 538.8  | 542.7  |
| 55°    | 578.7  | 566.7  | 556.1  | 544.1  | 525.5  | 517.5  | 506.8  | 502.8  | 504.2  | 504.2  | 508.2  |
| 57.5°  | 530.8  | 521.5  | 514.8  | 500.2  | 482.9  | 474.9  | 468.3  | 464.3  | 464.3  | 469.6  | 470.9  |
| 60°    | 484.2  | 474.9  | 462.9  | 449.6  | 439.0  | 429.7  | 425.7  | 427.0  | 427.0  | 429.7  | 436.3  |
| 62.5°  | 432.3  | 427.0  | 420.4  | 401.7  | 395.1  | 388.4  | 383.1  | 387.1  | 385.8  | 392.4  | 401.7  |
| 65°    | 384.4  | 379.1  | 369.8  | 360.5  | 352.5  | 345.9  | 344.5  | 345.9  | 348.5  | 355.2  | 365.8  |
| 67.5°  | 331.2  | 331.2  | 323.3  | 315.3  | 308.6  | 302.0  | 303.3  | 304.6  | 307.3  | 315.3  | 331.2  |
| 70°    | 287.3  | 282.0  | 274.0  | 268.7  | 263.4  | 260.7  | 258.1  | 263.4  | 271.4  | 276.7  | 288.7  |
| 72.5°  | 239.4  | 235.5  | 228.8  | 223.5  | 222.2  | 219.5  | 218.2  | 220.8  | 228.8  | 238.1  | 251.4  |
| 75°    | 188.9  | 190.2  | 186.2  | 182.2  | 182.2  | 178.3  | 180.9  | 180.9  | 188.9  | 198.2  | 208.9  |
| 77.5°  | 146.3  | 145.0  | 143.7  | 141.0  | 139.7  | 139.7  | 139.7  | 142.3  | 150.3  | 155.6  | 166.3  |
| 80°    | 103.8  | 105.1  | 101.1  | 102.4  | 101.1  | 102.4  | 102.4  | 107.8  | 111.7  | 118.4  | 126.4  |
| 82.5°  | 69.2   | 69.2   | 66.5   | 67.8   | 67.8   | 67.8   | 69.2   | 71.8   | 77.2   | 82.5   | 87.8   |
| 85°    | 38.6   | 39.9   | 37.2   | 39.9   | 39.9   | 39.9   | 41.2   | 42.6   | 46.6   | 47.9   | 53.2   |
| 87.5°  | 14.6   | 17.3   | 17.3   | 14.6   | 16.0   | 17.3   | 18.6   | 17.3   | 20.0   | 22.6   | 23.9   |
| 90°    | 12.3   | 13.6   | 14.8   | 17.1   | 19.5   | 21.8   | 24.2   | 25.9   | 27.6   | 29.3   | 31.0   |
| 92.5°  | 16.6   | 15.1   | 16.1   | 18.1   | 20.2   | 22.2   | 24.2   | 25.9   | 27.6   | 29.3   | 31.0   |
| 95°    | 82.3   | 81.8   | 75.4   | 62.6   | 49.8   | 37.0   | 24.2   | 25.9   | 27.6   | 29.3   | 31.0   |
| 97.5°  | 170.1  | 171.1  | 155.1  | 123.2  | 91.2   | 59.3   | 27.3   | 28.0   | 28.6   | 29.3   | 30.0   |
| 100°   | 256.9  | 257.4  | 258.1  | 259.4  | 260.8  | 262.1  | 263.5  | 213.4  | 163.2  | 113.1  | 63.0   |
| 102.5° | 350.6  | 351.3  | 351.6  | 352.3  | 353.0  | 353.6  | 354.3  | 355.0  | 355.7  | 356.4  | 357.1  |
| 105°   | 450.6  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  |
| 107.5° | 548.2  | 548.2  | 548.5  | 549.2  | 549.9  | 550.5  | 551.2  | 551.5  | 551.9  | 552.2  | 552.5  |
| 110°   | 648.1  | 648.1  | 648.4  | 649.1  | 649.8  | 650.4  | 651.1  | 650.1  | 649.1  | 648.1  | 647.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 746.0  | 746.5  | 746.7  | 747.0  | 747.4  | 747.7  | 748.1  | 746.7  | 745.4  | 744.0  | 742.7  |
| 115°   | 842.7  | 843.5  | 843.7  | 844.0  | 844.3  | 844.7  | 845.0  | 843.6  | 842.3  | 840.9  | 839.6  |
| 117.5° | 934.3  | 934.3  | 935.0  | 936.3  | 937.7  | 939.0  | 940.4  | 938.4  | 936.4  | 934.3  | 932.3  |
| 120°   | 1023.9 | 1023.7 | 1024.2 | 1025.2 | 1026.2 | 1027.2 | 1028.2 | 1027.5 | 1026.9 | 1026.2 | 1025.5 |
| 122.5° | 1112.2 | 1113.0 | 1113.2 | 1113.5 | 1113.8 | 1114.2 | 1114.5 | 1113.8 | 1113.2 | 1112.5 | 1111.8 |
| 125°   | 1198.1 | 1199.3 | 1199.3 | 1199.3 | 1199.3 | 1199.3 | 1199.3 | 1198.0 | 1196.6 | 1195.3 | 1194.0 |
| 127.5° | 1275.7 | 1276.5 | 1276.3 | 1276.0 | 1275.7 | 1275.3 | 1275.0 | 1274.3 | 1273.7 | 1273.0 | 1272.3 |
| 130°   | 1348.4 | 1349.2 | 1349.4 | 1349.7 | 1350.0 | 1350.4 | 1350.7 | 1349.7 | 1348.7 | 1347.7 | 1346.7 |
| 132.5° | 1422.4 | 1423.4 | 1422.9 | 1421.9 | 1420.9 | 1419.9 | 1418.9 | 1418.9 | 1418.9 | 1418.9 | 1418.9 |
| 135°   | 1490.6 | 1491.6 | 1491.3 | 1490.6 | 1489.9 | 1489.2 | 1488.5 | 1487.8 | 1487.2 | 1486.5 | 1485.8 |
| 137.5° | 1554.2 | 1555.2 | 1554.9 | 1554.2 | 1553.5 | 1552.8 | 1552.1 | 1552.1 | 1552.1 | 1552.1 | 1552.1 |
| 140°   | 1610.9 | 1611.2 | 1611.0 | 1610.7 | 1610.4 | 1610.0 | 1609.7 | 1610.4 | 1611.0 | 1611.7 | 1612.4 |
| 142.5° | 1665.5 | 1665.7 | 1666.0 | 1666.7 | 1667.4 | 1668.0 | 1668.7 | 1668.7 | 1668.7 | 1668.7 | 1668.7 |
| 145°   | 1721.4 | 1721.7 | 1721.7 | 1721.7 | 1721.7 | 1721.7 | 1721.7 | 1722.1 | 1722.4 | 1722.8 | 1723.1 |
| 147.5° | 1767.2 | 1767.2 | 1767.4 | 1767.7 | 1768.0 | 1768.4 | 1768.7 | 1769.0 | 1769.4 | 1769.7 | 1770.0 |
| 150°   | 1809.9 | 1809.6 | 1809.9 | 1810.6 | 1811.3 | 1811.9 | 1812.6 | 1813.3 | 1813.9 | 1814.6 | 1815.3 |
| 152.5° | 1849.7 | 1848.9 | 1849.2 | 1849.9 | 1850.6 | 1851.3 | 1852.0 | 1852.7 | 1853.3 | 1854.0 | 1854.7 |
| 155°   | 1884.8 | 1883.8 | 1884.1 | 1884.8 | 1885.5 | 1886.1 | 1886.8 | 1887.8 | 1888.8 | 1889.8 | 1890.8 |
| 157.5° | 1917.6 | 1917.1 | 1917.1 | 1917.1 | 1917.1 | 1917.1 | 1917.1 | 1918.1 | 1919.1 | 1920.1 | 1921.1 |
| 160°   | 1943.8 | 1942.8 | 1943.0 | 1943.3 | 1943.6 | 1944.0 | 1944.3 | 1945.7 | 1947.0 | 1948.4 | 1949.7 |
| 162.5° | 1968.1 | 1967.1 | 1967.3 | 1967.6 | 1967.9 | 1968.3 | 1968.6 | 1970.6 | 1972.6 | 1974.7 | 1976.7 |
| 165°   | 1989.3 | 1988.3 | 1988.5 | 1988.8 | 1989.1 | 1989.5 | 1989.8 | 1991.8 | 1993.8 | 1995.9 | 1997.9 |
| 167.5° | 2005.9 | 2004.9 | 2005.1 | 2005.4 | 2005.7 | 2006.1 | 2006.4 | 2008.8 | 2011.1 | 2013.5 | 2015.8 |
| 170°   | 2018.2 | 2017.0 | 2017.2 | 2017.5 | 2017.8 | 2018.2 | 2018.5 | 2021.2 | 2023.9 | 2026.6 | 2029.3 |
| 172.5° | 2027.3 | 2026.1 | 2026.4 | 2027.1 | 2027.8 | 2028.4 | 2029.1 | 2031.5 | 2033.8 | 2036.2 | 2038.5 |
| 175°   | 2034.7 | 2033.7 | 2033.9 | 2034.2 | 2034.5 | 2034.9 | 2035.2 | 2037.9 | 2040.6 | 2043.3 | 2046.0 |
| 177.5° | 2039.2 | 2038.2 | 2038.4 | 2038.7 | 2039.0 | 2039.4 | 2039.7 | 2042.1 | 2044.4 | 2046.8 | 2049.1 |
| 180°   | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 |
| 2.5°   | 1485.9 | 1476.6 | 1475.3 | 1477.9 | 1472.6 | 1480.6 | 1477.9 | 1480.6 | 1473.9 | 1480.6 | 1476.6 |
| 5°     | 1383.5 | 1380.8 | 1375.5 | 1368.8 | 1370.2 | 1371.5 | 1378.2 | 1371.5 | 1376.8 | 1378.2 | 1384.8 |
| 7.5°   | 1287.7 | 1282.4 | 1286.4 | 1283.7 | 1271.7 | 1269.1 | 1271.7 | 1275.7 | 1283.7 | 1289.0 | 1293.0 |
| 10°    | 1210.5 | 1207.9 | 1202.6 | 1198.6 | 1191.9 | 1187.9 | 1193.2 | 1187.9 | 1198.6 | 1207.9 | 1207.9 |
| 12.5°  | 1152.0 | 1141.4 | 1134.7 | 1133.4 | 1118.8 | 1121.4 | 1126.7 | 1130.7 | 1142.7 | 1148.0 | 1148.0 |
| 15°    | 1090.8 | 1082.8 | 1080.2 | 1074.9 | 1069.5 | 1074.9 | 1072.2 | 1076.2 | 1081.5 | 1086.8 | 1089.5 |
| 17.5°  | 1037.6 | 1036.3 | 1037.6 | 1024.3 | 1028.3 | 1021.6 | 1023.0 | 1029.6 | 1025.6 | 1029.6 | 1037.6 |
| 20°    | 989.7  | 992.4  | 988.4  | 983.1  | 983.1  | 975.1  | 984.4  | 981.7  | 983.1  | 991.0  | 1003.0 |
| 22.5°  | 953.8  | 952.5  | 948.5  | 944.5  | 939.2  | 940.5  | 941.8  | 939.2  | 949.8  | 956.5  | 957.8  |
| 25°    | 915.2  | 912.6  | 911.2  | 907.2  | 901.9  | 907.2  | 905.9  | 907.2  | 909.9  | 920.5  | 912.6  |
| 27.5°  | 879.3  | 874.0  | 876.6  | 872.7  | 871.3  | 872.7  | 872.7  | 874.0  | 876.6  | 878.0  | 879.3  |
| 30°    | 848.7  | 843.4  | 842.1  | 839.4  | 838.1  | 839.4  | 842.1  | 839.4  | 850.0  | 848.7  | 848.7  |
| 32.5°  | 815.5  | 811.5  | 808.8  | 808.8  | 807.5  | 806.1  | 807.5  | 808.8  | 816.8  | 811.5  | 816.8  |
| 35°    | 783.5  | 780.9  | 780.9  | 778.2  | 776.9  | 776.9  | 776.9  | 782.2  | 779.5  | 783.5  | 783.5  |
| 37.5°  | 752.9  | 752.9  | 751.6  | 748.9  | 747.6  | 748.9  | 747.6  | 750.3  | 748.9  | 750.3  | 751.6  |
| 40°    | 721.0  | 718.3  | 717.0  | 717.0  | 713.0  | 709.0  | 713.0  | 713.0  | 714.4  | 718.3  | 719.7  |
| 42.5°  | 682.4  | 683.8  | 683.8  | 678.4  | 678.4  | 678.4  | 679.8  | 681.1  | 681.1  | 683.8  | 683.8  |
| 45°    | 649.2  | 646.5  | 646.5  | 646.5  | 643.8  | 645.2  | 647.8  | 647.8  | 647.8  | 647.8  | 645.2  |
| 47.5°  | 611.9  | 611.9  | 613.3  | 613.3  | 617.2  | 615.9  | 615.9  | 614.6  | 611.9  | 611.9  | 613.3  |
| 50°    | 577.3  | 581.3  | 582.7  | 582.7  | 584.0  | 585.3  | 585.3  | 582.7  | 581.3  | 577.3  | 577.3  |
| 52.5°  | 544.1  | 546.7  | 549.4  | 553.4  | 556.1  | 554.7  | 554.7  | 552.1  | 546.7  | 545.4  | 544.1  |
| 55°    | 508.2  | 512.2  | 517.5  | 521.5  | 525.5  | 526.8  | 526.8  | 521.5  | 516.1  | 509.5  | 509.5  |
| 57.5°  | 474.9  | 478.9  | 488.2  | 492.2  | 497.5  | 497.5  | 494.9  | 490.9  | 482.9  | 477.6  | 473.6  |
| 60°    | 441.6  | 448.3  | 455.0  | 462.9  | 469.6  | 470.9  | 466.9  | 461.6  | 452.3  | 445.6  | 440.3  |
| 62.5°  | 405.7  | 412.4  | 425.7  | 433.7  | 439.0  | 439.0  | 439.0  | 432.3  | 420.4  | 411.1  | 403.1  |
| 65°    | 371.1  | 377.8  | 389.8  | 400.4  | 404.4  | 408.4  | 404.4  | 397.7  | 388.4  | 377.8  | 369.8  |
| 67.5°  | 335.2  | 343.2  | 355.2  | 363.2  | 368.5  | 372.5  | 369.8  | 364.5  | 352.5  | 337.9  | 332.6  |
| 70°    | 295.3  | 299.3  | 316.6  | 324.6  | 332.6  | 335.2  | 332.6  | 324.6  | 312.6  | 296.6  | 291.3  |
| 72.5°  | 258.1  | 262.1  | 278.0  | 284.7  | 291.3  | 294.0  | 290.0  | 284.7  | 274.0  | 259.4  | 252.8  |
| 75°    | 215.5  | 222.2  | 230.1  | 240.8  | 248.8  | 251.4  | 247.4  | 243.4  | 230.1  | 220.8  | 215.5  |
| 77.5°  | 170.3  | 176.9  | 187.6  | 196.9  | 204.9  | 203.5  | 198.2  | 199.5  | 184.9  | 174.3  | 170.3  |
| 80°    | 129.0  | 134.4  | 142.3  | 150.3  | 154.3  | 154.3  | 153.0  | 147.7  | 142.3  | 134.4  | 127.7  |
| 82.5°  | 89.1   | 95.8   | 102.4  | 107.8  | 107.8  | 109.1  | 106.4  | 105.1  | 99.8   | 93.1   | 91.8   |
| 85°    | 53.2   | 54.5   | 59.9   | 59.9   | 65.2   | 62.5   | 61.2   | 65.2   | 59.9   | 55.9   | 54.5   |
| 87.5°  | 23.9   | 22.6   | 23.9   | 23.9   | 22.6   | 25.3   | 25.3   | 23.9   | 25.3   | 23.9   | 23.9   |
| 90°    | 31.8   | 32.3   | 33.3   | 34.3   | 35.3   | 36.3   | 35.3   | 34.3   | 33.3   | 32.3   | 31.8   |
| 92.5°  | 31.8   | 32.0   | 32.3   | 32.6   | 33.0   | 33.3   | 33.0   | 32.6   | 32.3   | 32.0   | 31.8   |
| 95°    | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   | 31.8   |
| 97.5°  | 30.3   | 30.5   | 30.8   | 31.1   | 31.5   | 31.8   | 31.5   | 31.1   | 30.8   | 30.5   | 30.3   |
| 100°   | 37.9   | 37.2   | 35.9   | 34.5   | 33.2   | 31.8   | 33.2   | 34.5   | 35.9   | 37.2   | 37.9   |
| 102.5° | 357.4  | 343.3  | 315.0  | 286.7  | 258.5  | 230.2  | 258.5  | 286.7  | 315.0  | 343.3  | 357.4  |
| 105°   | 451.3  | 451.1  | 450.8  | 450.4  | 450.1  | 449.7  | 450.1  | 450.4  | 450.8  | 451.1  | 451.3  |
| 107.5° | 552.7  | 552.0  | 550.7  | 549.4  | 548.0  | 546.7  | 548.0  | 549.4  | 550.7  | 552.0  | 552.7  |
| 110°   | 646.6  | 646.8  | 647.1  | 647.4  | 647.8  | 648.1  | 647.8  | 647.4  | 647.1  | 646.8  | 646.6  |

TEST NUMBER: P1034345

CATALOG NUMBER: S125DIW-B1090D1560UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 742.0  | 741.7  | 741.0  | 740.3  | 739.7  | 739.0  | 739.7  | 740.3  | 741.0  | 741.7  | 742.0  |
| 115°   | 838.9  | 837.9  | 835.9  | 833.8  | 831.8  | 829.8  | 831.8  | 833.8  | 835.9  | 837.9  | 838.9  |
| 117.5° | 931.3  | 931.0  | 930.3  | 929.6  | 929.0  | 928.3  | 929.0  | 929.6  | 930.3  | 931.0  | 931.3  |
| 120°   | 1025.2 | 1024.4 | 1022.7 | 1021.0 | 1019.3 | 1017.6 | 1019.3 | 1021.0 | 1022.7 | 1024.4 | 1025.2 |
| 122.5° | 1111.5 | 1110.5 | 1108.5 | 1106.4 | 1104.4 | 1102.4 | 1104.4 | 1106.4 | 1108.5 | 1110.5 | 1111.5 |
| 125°   | 1193.3 | 1192.8 | 1191.8 | 1190.7 | 1189.7 | 1188.7 | 1189.7 | 1190.7 | 1191.8 | 1192.8 | 1193.3 |
| 127.5° | 1272.0 | 1270.7 | 1268.0 | 1265.3 | 1262.6 | 1259.9 | 1262.6 | 1265.3 | 1268.0 | 1270.7 | 1272.0 |
| 130°   | 1346.2 | 1345.4 | 1343.7 | 1342.0 | 1340.3 | 1338.6 | 1340.3 | 1342.0 | 1343.7 | 1345.4 | 1346.2 |
| 132.5° | 1418.9 | 1418.1 | 1416.4 | 1414.7 | 1413.0 | 1411.3 | 1413.0 | 1414.7 | 1416.4 | 1418.1 | 1418.9 |
| 135°   | 1485.5 | 1484.5 | 1482.5 | 1480.4 | 1478.4 | 1476.4 | 1478.4 | 1480.4 | 1482.5 | 1484.5 | 1485.5 |
| 137.5° | 1552.1 | 1551.3 | 1549.6 | 1547.9 | 1546.3 | 1544.6 | 1546.3 | 1547.9 | 1549.6 | 1551.3 | 1552.1 |
| 140°   | 1612.7 | 1611.7 | 1609.7 | 1607.6 | 1605.6 | 1603.6 | 1605.6 | 1607.6 | 1609.7 | 1611.7 | 1612.7 |
| 142.5° | 1668.7 | 1667.7 | 1665.7 | 1663.7 | 1661.7 | 1659.7 | 1661.7 | 1663.7 | 1665.7 | 1667.7 | 1668.7 |
| 145°   | 1723.3 | 1722.3 | 1720.3 | 1718.2 | 1716.2 | 1714.2 | 1716.2 | 1718.2 | 1720.3 | 1722.3 | 1723.3 |
| 147.5° | 1770.2 | 1769.0 | 1766.7 | 1764.3 | 1762.0 | 1759.6 | 1762.0 | 1764.3 | 1766.7 | 1769.0 | 1770.2 |
| 150°   | 1815.6 | 1814.3 | 1811.6 | 1808.9 | 1806.2 | 1803.5 | 1806.2 | 1808.9 | 1811.6 | 1814.3 | 1815.6 |
| 152.5° | 1855.0 | 1853.8 | 1851.5 | 1849.1 | 1846.8 | 1844.4 | 1846.8 | 1849.1 | 1851.5 | 1853.8 | 1855.0 |
| 155°   | 1891.3 | 1890.0 | 1887.3 | 1884.6 | 1881.9 | 1879.2 | 1881.9 | 1884.6 | 1887.3 | 1890.0 | 1891.3 |
| 157.5° | 1921.6 | 1920.3 | 1917.6 | 1914.9 | 1912.2 | 1909.5 | 1912.2 | 1914.9 | 1917.6 | 1920.3 | 1921.6 |
| 160°   | 1950.4 | 1949.1 | 1946.4 | 1943.7 | 1941.0 | 1938.3 | 1941.0 | 1943.7 | 1946.4 | 1949.1 | 1950.4 |
| 162.5° | 1977.7 | 1976.2 | 1973.1 | 1970.1 | 1967.0 | 1964.0 | 1967.0 | 1970.1 | 1973.1 | 1976.2 | 1977.7 |
| 165°   | 1998.9 | 1997.5 | 1994.8 | 1992.1 | 1989.4 | 1986.7 | 1989.4 | 1992.1 | 1994.8 | 1997.5 | 1998.9 |
| 167.5° | 2017.0 | 2015.5 | 2012.5 | 2009.4 | 2006.4 | 2003.4 | 2006.4 | 2009.4 | 2012.5 | 2015.5 | 2017.0 |
| 170°   | 2030.7 | 2029.2 | 2026.1 | 2023.1 | 2020.0 | 2017.0 | 2020.0 | 2023.1 | 2026.1 | 2029.2 | 2030.7 |
| 172.5° | 2039.7 | 2038.2 | 2035.2 | 2032.1 | 2029.1 | 2026.1 | 2029.1 | 2032.1 | 2035.2 | 2038.2 | 2039.7 |
| 175°   | 2047.3 | 2045.8 | 2042.8 | 2039.7 | 2036.7 | 2033.7 | 2036.7 | 2039.7 | 2042.8 | 2045.8 | 2047.3 |
| 177.5° | 2050.3 | 2049.0 | 2046.3 | 2043.6 | 2040.9 | 2038.2 | 2040.9 | 2043.6 | 2046.3 | 2049.0 | 2050.3 |
| 180°   | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 | 1567.1 |
| 2.5°   | 1488.6 | 1480.6 | 1489.9 | 1477.9 | 1480.6 | 1495.2 | 1493.9 | 1507.2 | 1515.2 | 1513.8 | 1520.5 |
| 5°     | 1390.1 | 1390.1 | 1394.1 | 1392.8 | 1406.1 | 1418.1 | 1434.0 | 1447.3 | 1462.0 | 1469.9 | 1479.3 |
| 7.5°   | 1293.0 | 1306.3 | 1309.0 | 1315.6 | 1331.6 | 1351.6 | 1367.5 | 1387.5 | 1408.8 | 1423.4 | 1434.0 |
| 10°    | 1213.2 | 1223.8 | 1234.5 | 1239.8 | 1257.1 | 1283.7 | 1306.3 | 1338.2 | 1364.9 | 1380.8 | 1395.4 |
| 12.5°  | 1142.7 | 1154.7 | 1160.0 | 1183.9 | 1195.9 | 1213.2 | 1245.1 | 1279.7 | 1309.0 | 1326.3 | 1338.2 |
| 15°    | 1092.1 | 1098.8 | 1110.8 | 1125.4 | 1137.4 | 1158.7 | 1185.3 | 1223.8 | 1251.8 | 1266.4 | 1307.7 |
| 17.5°  | 1049.6 | 1057.6 | 1064.2 | 1070.9 | 1089.5 | 1112.1 | 1137.4 | 1170.6 | 1206.6 | 1231.8 | 1253.1 |
| 20°    | 1005.7 | 1009.7 | 1017.7 | 1028.3 | 1041.6 | 1062.9 | 1085.5 | 1120.1 | 1152.0 | 1172.0 | 1199.9 |
| 22.5°  | 953.8  | 965.8  | 973.8  | 981.7  | 996.4  | 1020.3 | 1041.6 | 1066.9 | 1106.8 | 1129.4 | 1158.7 |
| 25°    | 923.2  | 928.5  | 933.8  | 943.2  | 953.8  | 975.1  | 999.0  | 1025.6 | 1057.6 | 1081.5 | 1106.8 |
| 27.5°  | 883.3  | 891.3  | 897.9  | 909.9  | 916.6  | 933.8  | 956.5  | 983.1  | 1021.6 | 1041.6 | 1062.9 |
| 30°    | 850.0  | 858.0  | 863.3  | 868.7  | 878.0  | 896.6  | 917.9  | 939.2  | 975.1  | 1000.4 | 1021.6 |
| 32.5°  | 816.8  | 824.8  | 831.4  | 835.4  | 844.7  | 856.7  | 874.0  | 900.6  | 931.2  | 948.5  | 976.4  |
| 35°    | 787.5  | 787.5  | 795.5  | 800.8  | 808.8  | 819.4  | 835.4  | 855.4  | 887.3  | 909.9  | 935.2  |
| 37.5°  | 754.3  | 755.6  | 762.2  | 766.2  | 774.2  | 784.9  | 800.8  | 819.4  | 846.0  | 863.3  | 888.6  |
| 40°    | 719.7  | 723.7  | 726.3  | 733.0  | 742.3  | 746.3  | 762.2  | 783.5  | 810.1  | 826.1  | 847.4  |
| 42.5°  | 685.1  | 687.7  | 694.4  | 699.7  | 707.7  | 714.4  | 725.0  | 744.9  | 764.9  | 788.8  | 806.1  |
| 45°    | 646.5  | 653.2  | 657.2  | 666.5  | 670.5  | 677.1  | 687.7  | 703.7  | 727.7  | 742.3  | 762.2  |
| 47.5°  | 613.3  | 615.9  | 618.6  | 630.5  | 638.5  | 642.5  | 653.2  | 662.5  | 687.7  | 701.1  | 719.7  |
| 50°    | 577.3  | 577.3  | 581.3  | 586.6  | 596.0  | 603.9  | 613.3  | 623.9  | 643.8  | 657.2  | 675.8  |
| 52.5°  | 544.1  | 540.1  | 542.7  | 545.4  | 554.7  | 562.7  | 572.0  | 586.6  | 605.3  | 613.3  | 629.2  |
| 55°    | 508.2  | 501.5  | 505.5  | 509.5  | 512.2  | 522.8  | 533.4  | 542.7  | 557.4  | 569.4  | 584.0  |
| 57.5°  | 469.6  | 468.3  | 465.6  | 466.9  | 473.6  | 480.2  | 488.2  | 500.2  | 517.5  | 526.8  | 534.8  |
| 60°    | 435.0  | 427.0  | 424.4  | 427.0  | 431.0  | 435.0  | 445.6  | 456.3  | 470.9  | 480.2  | 489.5  |
| 62.5°  | 399.1  | 391.1  | 385.8  | 381.8  | 385.8  | 395.1  | 401.7  | 409.7  | 421.7  | 432.3  | 440.3  |
| 65°    | 364.5  | 352.5  | 347.2  | 344.5  | 343.2  | 349.9  | 355.2  | 365.8  | 376.5  | 380.5  | 389.8  |
| 67.5°  | 325.9  | 315.3  | 308.6  | 304.6  | 304.6  | 304.6  | 310.0  | 320.6  | 331.2  | 332.6  | 341.9  |
| 70°    | 287.3  | 275.4  | 268.7  | 263.4  | 260.7  | 263.4  | 270.0  | 271.4  | 280.7  | 283.3  | 288.7  |
| 72.5°  | 246.1  | 235.5  | 227.5  | 220.8  | 222.2  | 224.8  | 224.8  | 227.5  | 232.8  | 239.4  | 239.4  |
| 75°    | 207.5  | 192.9  | 188.9  | 183.6  | 180.9  | 180.9  | 180.9  | 186.2  | 190.2  | 195.5  | 194.2  |
| 77.5°  | 163.6  | 155.6  | 147.7  | 145.0  | 141.0  | 139.7  | 142.3  | 142.3  | 145.0  | 149.0  | 150.3  |
| 80°    | 126.4  | 117.1  | 111.7  | 109.1  | 103.8  | 102.4  | 103.8  | 103.8  | 107.8  | 106.4  | 107.8  |
| 82.5°  | 87.8   | 81.1   | 77.2   | 73.2   | 70.5   | 71.8   | 70.5   | 70.5   | 71.8   | 70.5   | 70.5   |
| 85°    | 50.6   | 49.2   | 46.6   | 45.2   | 43.9   | 41.2   | 43.9   | 42.6   | 41.2   | 39.9   | 42.6   |
| 87.5°  | 23.9   | 22.6   | 22.6   | 20.0   | 20.0   | 18.6   | 20.0   | 20.0   | 18.6   | 18.6   | 18.6   |
| 90°    | 31.0   | 29.3   | 27.6   | 25.9   | 24.2   | 21.8   | 19.5   | 17.1   | 14.8   | 13.6   | 12.3   |
| 92.5°  | 31.0   | 29.3   | 27.6   | 25.9   | 24.2   | 22.2   | 20.2   | 18.1   | 16.1   | 15.1   | 16.6   |
| 95°    | 31.0   | 29.3   | 27.6   | 25.9   | 24.2   | 37.0   | 49.8   | 62.6   | 75.4   | 81.8   | 82.3   |
| 97.5°  | 30.0   | 29.3   | 28.6   | 28.0   | 27.3   | 59.3   | 91.2   | 123.2  | 155.1  | 171.1  | 170.1  |
| 100°   | 63.0   | 113.1  | 163.2  | 213.4  | 263.5  | 262.1  | 260.8  | 259.4  | 258.1  | 257.4  | 256.9  |
| 102.5° | 357.1  | 356.4  | 355.7  | 355.0  | 354.3  | 353.6  | 353.0  | 352.3  | 351.6  | 351.3  | 350.6  |
| 105°   | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 451.3  | 450.6  |
| 107.5° | 552.5  | 552.2  | 551.9  | 551.5  | 551.2  | 550.5  | 549.9  | 549.2  | 548.5  | 548.2  | 548.2  |
| 110°   | 647.1  | 648.1  | 649.1  | 650.1  | 651.1  | 650.4  | 649.8  | 649.1  | 648.4  | 648.1  | 648.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 742.7  | 744.0  | 745.4  | 746.7  | 748.1  | 747.7  | 747.4  | 747.0  | 746.7  | 746.5  | 746.0  |
| 115°   | 839.6  | 840.9  | 842.3  | 843.6  | 845.0  | 844.7  | 844.3  | 844.0  | 843.7  | 843.5  | 842.7  |
| 117.5° | 932.3  | 934.3  | 936.4  | 938.4  | 940.4  | 939.0  | 937.7  | 936.3  | 935.0  | 934.3  | 934.3  |
| 120°   | 1025.5 | 1026.2 | 1026.9 | 1027.5 | 1028.2 | 1027.2 | 1026.2 | 1025.2 | 1024.2 | 1023.7 | 1023.9 |
| 122.5° | 1111.8 | 1112.5 | 1113.2 | 1113.8 | 1114.5 | 1114.2 | 1113.8 | 1113.5 | 1113.2 | 1113.0 | 1112.2 |
| 125°   | 1194.0 | 1195.3 | 1196.6 | 1198.0 | 1199.3 | 1199.3 | 1199.3 | 1199.3 | 1199.3 | 1199.3 | 1198.1 |
| 127.5° | 1272.3 | 1273.0 | 1273.7 | 1274.3 | 1275.0 | 1275.3 | 1275.7 | 1276.0 | 1276.3 | 1276.5 | 1275.7 |
| 130°   | 1346.7 | 1347.7 | 1348.7 | 1349.7 | 1350.7 | 1350.4 | 1350.0 | 1349.7 | 1349.4 | 1349.2 | 1348.4 |
| 132.5° | 1418.9 | 1418.9 | 1418.9 | 1418.9 | 1418.9 | 1419.9 | 1420.9 | 1421.9 | 1422.9 | 1423.4 | 1422.4 |
| 135°   | 1485.8 | 1486.5 | 1487.2 | 1487.8 | 1488.5 | 1489.2 | 1489.9 | 1490.6 | 1491.3 | 1491.6 | 1490.6 |
| 137.5° | 1552.1 | 1552.1 | 1552.1 | 1552.1 | 1552.1 | 1552.8 | 1553.5 | 1554.2 | 1554.9 | 1555.2 | 1554.2 |
| 140°   | 1612.4 | 1611.7 | 1611.0 | 1610.4 | 1609.7 | 1610.0 | 1610.4 | 1610.7 | 1611.0 | 1611.2 | 1610.9 |
| 142.5° | 1668.7 | 1668.7 | 1668.7 | 1668.7 | 1668.7 | 1668.0 | 1667.4 | 1666.7 | 1666.0 | 1665.7 | 1665.5 |
| 145°   | 1723.1 | 1722.8 | 1722.4 | 1722.1 | 1721.7 | 1721.7 | 1721.7 | 1721.7 | 1721.7 | 1721.7 | 1721.4 |
| 147.5° | 1770.0 | 1769.7 | 1769.4 | 1769.0 | 1768.7 | 1768.4 | 1768.0 | 1767.7 | 1767.4 | 1767.2 | 1767.2 |
| 150°   | 1815.3 | 1814.6 | 1813.9 | 1813.3 | 1812.6 | 1811.9 | 1811.3 | 1810.6 | 1809.9 | 1809.6 | 1809.9 |
| 152.5° | 1854.7 | 1854.0 | 1853.3 | 1852.7 | 1852.0 | 1851.3 | 1850.6 | 1849.9 | 1849.2 | 1848.9 | 1849.7 |
| 155°   | 1890.8 | 1889.8 | 1888.8 | 1887.8 | 1886.8 | 1886.1 | 1885.5 | 1884.8 | 1884.1 | 1883.8 | 1884.8 |
| 157.5° | 1921.1 | 1920.1 | 1919.1 | 1918.1 | 1917.1 | 1917.1 | 1917.1 | 1917.1 | 1917.1 | 1917.1 | 1917.6 |
| 160°   | 1949.7 | 1948.4 | 1947.0 | 1945.7 | 1944.3 | 1944.0 | 1943.6 | 1943.3 | 1943.0 | 1942.8 | 1943.8 |
| 162.5° | 1976.7 | 1974.7 | 1972.6 | 1970.6 | 1968.6 | 1968.3 | 1967.9 | 1967.6 | 1967.3 | 1967.1 | 1968.1 |
| 165°   | 1997.9 | 1995.9 | 1993.8 | 1991.8 | 1989.8 | 1989.5 | 1989.1 | 1988.8 | 1988.5 | 1988.3 | 1989.3 |
| 167.5° | 2015.8 | 2013.5 | 2011.1 | 2008.8 | 2006.4 | 2006.1 | 2005.7 | 2005.4 | 2005.1 | 2004.9 | 2005.9 |
| 170°   | 2029.3 | 2026.6 | 2023.9 | 2021.2 | 2018.5 | 2018.2 | 2017.8 | 2017.5 | 2017.2 | 2017.0 | 2018.2 |
| 172.5° | 2038.5 | 2036.2 | 2033.8 | 2031.5 | 2029.1 | 2028.4 | 2027.8 | 2027.1 | 2026.4 | 2026.1 | 2027.3 |
| 175°   | 2046.0 | 2043.3 | 2040.6 | 2037.9 | 2035.2 | 2034.9 | 2034.5 | 2034.2 | 2033.9 | 2033.7 | 2034.7 |
| 177.5° | 2049.1 | 2046.8 | 2044.4 | 2042.1 | 2039.7 | 2039.4 | 2039.0 | 2038.7 | 2038.4 | 2038.2 | 2039.2 |
| 180°   | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 | 2042.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1567.1 | 1567.1 | 1567.1 | 1567.1 |
| 2.5°   | 1529.8 | 1543.1 | 1552.4 | 1569.7 |
| 5°     | 1495.2 | 1519.2 | 1541.8 | 1565.7 |
| 7.5°   | 1460.6 | 1488.6 | 1524.5 | 1555.1 |
| 10°    | 1422.1 | 1458.0 | 1500.5 | 1541.8 |
| 12.5°  | 1383.5 | 1426.0 | 1472.6 | 1527.1 |
| 15°    | 1336.9 | 1391.5 | 1446.0 | 1504.5 |
| 17.5°  | 1295.7 | 1351.6 | 1410.1 | 1483.2 |
| 20°    | 1249.1 | 1310.3 | 1374.2 | 1448.7 |
| 22.5°  | 1207.9 | 1275.7 | 1342.2 | 1420.7 |
| 25°    | 1161.3 | 1227.8 | 1301.0 | 1384.8 |
| 27.5°  | 1122.7 | 1183.9 | 1255.8 | 1346.2 |
| 30°    | 1076.2 | 1142.7 | 1214.5 | 1305.0 |
| 32.5°  | 1032.3 | 1096.1 | 1172.0 | 1261.1 |
| 35°    | 987.1  | 1052.2 | 1120.1 | 1205.2 |
| 37.5°  | 944.5  | 1000.4 | 1068.2 | 1149.4 |
| 40°    | 896.6  | 957.8  | 1019.0 | 1082.8 |
| 42.5°  | 852.7  | 908.6  | 965.8  | 1016.3 |
| 45°    | 803.5  | 851.4  | 905.9  | 947.1  |
| 47.5°  | 758.3  | 800.8  | 843.4  | 875.3  |
| 50°    | 713.0  | 746.3  | 778.2  | 806.1  |
| 52.5°  | 659.8  | 697.1  | 714.4  | 731.6  |
| 55°    | 611.9  | 633.2  | 649.2  | 666.5  |
| 57.5°  | 565.4  | 574.7  | 582.7  | 598.6  |
| 60°    | 504.2  | 514.8  | 524.1  | 536.1  |
| 62.5°  | 451.0  | 456.3  | 458.9  | 470.9  |
| 65°    | 400.4  | 399.1  | 405.7  | 412.4  |
| 67.5°  | 345.9  | 344.5  | 351.2  | 353.9  |
| 70°    | 292.7  | 291.3  | 292.7  | 299.3  |
| 72.5°  | 242.1  | 242.1  | 243.4  | 246.1  |
| 75°    | 195.5  | 195.5  | 196.9  | 199.5  |
| 77.5°  | 147.7  | 150.3  | 149.0  | 154.3  |
| 80°    | 107.8  | 105.1  | 107.8  | 110.4  |
| 82.5°  | 70.5   | 73.2   | 73.2   | 70.5   |
| 85°    | 39.9   | 39.9   | 39.9   | 39.9   |
| 87.5°  | 17.3   | 17.3   | 18.6   | 20.0   |
| 90°    | 9.6    | 6.9    | 4.2    | 1.5    |
| 92.5°  | 19.7   | 22.7   | 25.8   | 28.8   |
| 95°    | 83.3   | 84.3   | 85.3   | 86.3   |
| 97.5°  | 168.1  | 166.0  | 164.0  | 162.0  |
| 100°   | 255.9  | 254.9  | 253.9  | 252.9  |
| 102.5° | 349.3  | 348.0  | 346.6  | 345.3  |
| 105°   | 449.3  | 447.9  | 446.6  | 445.2  |
| 107.5° | 548.2  | 548.2  | 548.2  | 548.2  |
| 110°   | 648.1  | 648.1  | 648.1  | 648.1  |

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CATALOG NUMBER: S125DIW-B1090D1560UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 745.0  | 744.0  | 743.0  | 742.0  |
| 115°   | 841.0  | 839.3  | 837.6  | 835.9  |
| 117.5° | 934.3  | 934.3  | 934.3  | 934.3  |
| 120°   | 1024.2 | 1024.5 | 1024.9 | 1025.2 |
| 122.5° | 1110.5 | 1108.8 | 1107.1 | 1105.4 |
| 125°   | 1195.8 | 1193.4 | 1191.1 | 1188.7 |
| 127.5° | 1274.0 | 1272.3 | 1270.7 | 1269.0 |
| 130°   | 1346.7 | 1345.0 | 1343.4 | 1341.7 |
| 132.5° | 1420.4 | 1418.3 | 1416.3 | 1414.3 |
| 135°   | 1488.6 | 1486.5 | 1484.5 | 1482.5 |
| 137.5° | 1552.2 | 1550.1 | 1548.1 | 1546.1 |
| 140°   | 1610.2 | 1609.5 | 1608.9 | 1608.2 |
| 142.5° | 1665.2 | 1664.9 | 1664.5 | 1664.2 |
| 145°   | 1720.7 | 1720.0 | 1719.4 | 1718.7 |
| 147.5° | 1767.2 | 1767.2 | 1767.2 | 1767.2 |
| 150°   | 1810.6 | 1811.3 | 1811.9 | 1812.6 |
| 152.5° | 1851.4 | 1853.1 | 1854.8 | 1856.5 |
| 155°   | 1886.8 | 1888.9 | 1890.9 | 1892.9 |
| 157.5° | 1918.6 | 1919.6 | 1920.6 | 1921.6 |
| 160°   | 1945.8 | 1947.9 | 1949.9 | 1951.9 |
| 162.5° | 1970.1 | 1972.1 | 1974.1 | 1976.1 |
| 165°   | 1991.3 | 1993.3 | 1995.3 | 1997.3 |
| 167.5° | 2007.9 | 2010.0 | 2012.0 | 2014.0 |
| 170°   | 2020.5 | 2022.9 | 2025.2 | 2027.6 |
| 172.5° | 2029.6 | 2032.0 | 2034.3 | 2036.7 |
| 175°   | 2036.7 | 2038.8 | 2040.8 | 2042.8 |
| 177.5° | 2041.2 | 2043.3 | 2045.3 | 2047.3 |
| 180°   | 2042.8 | 2042.8 | 2042.8 | 2042.8 |

(END OF REPORT)