

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P332860-930

Luminaire Tested: **S124DIW-S1195D1560U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332860-930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S124DIW-S1195D1560U930-4F0-1E-UDD-A1  
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1560 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8750.3 lumens  
Efficiency: N/A  
Efficacy: 105.6 lumens/watt  
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: General Diffuse

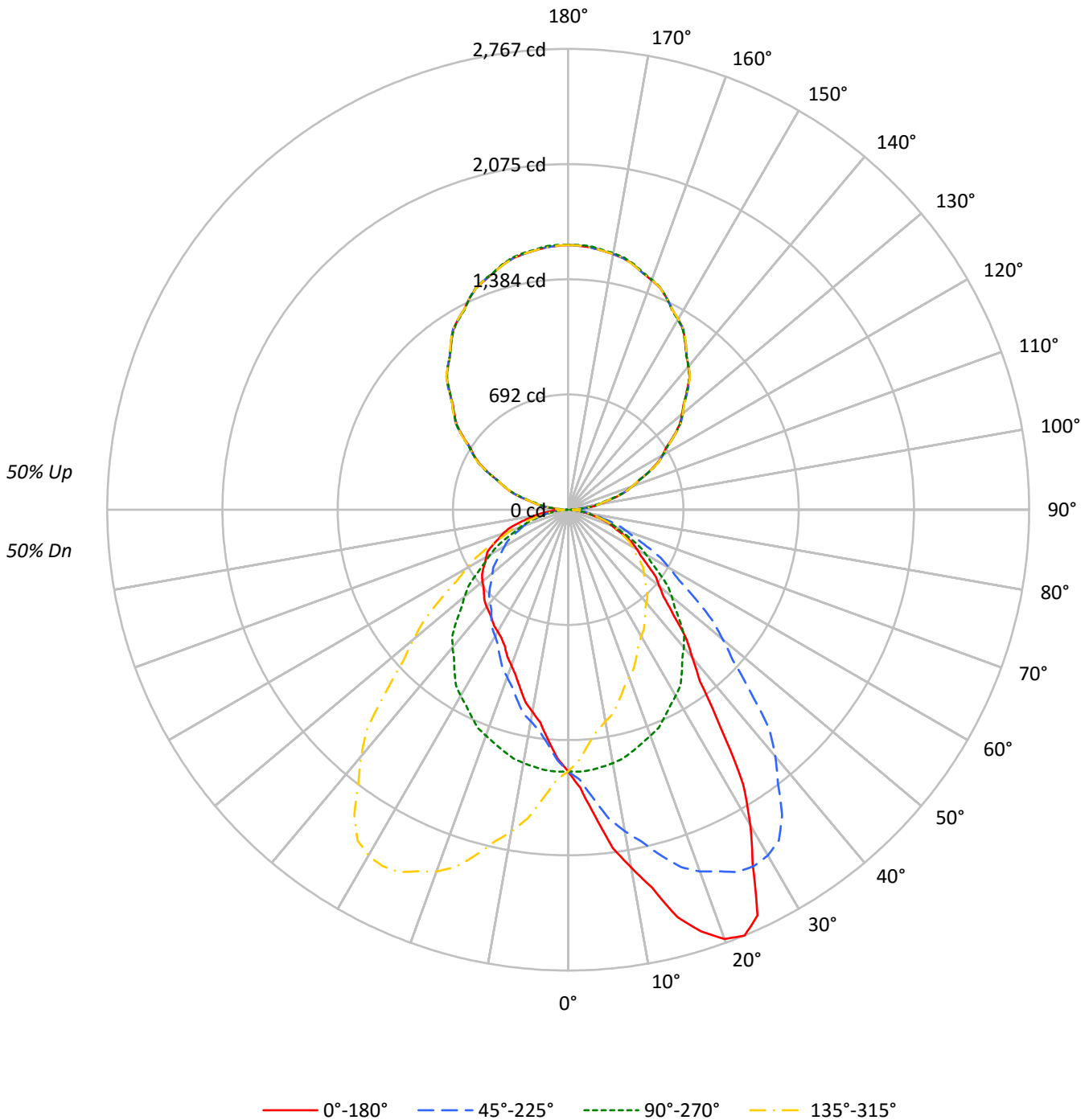
Input Watts (W): 82.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 56 | 56 | 56 | 50 |
| 1   | 98  | 94  | 90  | 86  | 90 | 87 | 83 | 80 | 73 | 71 | 69 | 61 | 59 | 58 | 50 | 48 | 47 | 42 |
| 2   | 89  | 82  | 76  | 71  | 82 | 76 | 71 | 66 | 64 | 61 | 57 | 54 | 51 | 49 | 44 | 42 | 40 | 36 |
| 3   | 82  | 72  | 65  | 59  | 75 | 67 | 61 | 56 | 57 | 52 | 48 | 48 | 44 | 41 | 39 | 37 | 35 | 30 |
| 4   | 75  | 64  | 56  | 50  | 69 | 59 | 53 | 47 | 51 | 46 | 41 | 43 | 39 | 36 | 35 | 32 | 30 | 26 |
| 5   | 69  | 57  | 49  | 43  | 63 | 53 | 46 | 41 | 46 | 40 | 36 | 38 | 34 | 31 | 32 | 29 | 26 | 23 |
| 6   | 63  | 51  | 43  | 38  | 58 | 48 | 41 | 36 | 41 | 35 | 31 | 35 | 30 | 27 | 29 | 26 | 23 | 20 |
| 7   | 59  | 46  | 39  | 33  | 54 | 43 | 36 | 31 | 37 | 32 | 28 | 32 | 27 | 24 | 26 | 23 | 21 | 18 |
| 8   | 54  | 42  | 35  | 29  | 50 | 39 | 32 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 24 | 21 | 19 | 16 |
| 9   | 51  | 39  | 31  | 26  | 47 | 36 | 29 | 25 | 31 | 26 | 22 | 27 | 22 | 19 | 22 | 19 | 17 | 15 |
| 10  | 47  | 35  | 28  | 23  | 44 | 33 | 27 | 22 | 29 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 15 | 13 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 12686 | 12686 | 12686 | 12686 |
| 5°  | 14939 | 12719 | 11225 | 12719 |
| 10° | 17887 | 12663 | 10107 | 12663 |
| 15° | 21163 | 12534 | 9281  | 12534 |
| 20° | 23566 | 12404 | 8546  | 12404 |
| 25° | 23947 | 12211 | 8036  | 12211 |
| 30° | 20377 | 12027 | 7876  | 12027 |
| 35° | 15666 | 11727 | 7877  | 11727 |
| 40° | 12211 | 11374 | 8026  | 11374 |
| 45° | 10182 | 10843 | 8161  | 10843 |
| 50° | 8961  | 10194 | 8437  | 10194 |
| 55° | 8210  | 9419  | 8777  | 9419  |
| 60° | 7694  | 8724  | 9185  | 8724  |
| 65° | 7163  | 7947  | 9524  | 7947  |
| 70° | 6545  | 7176  | 9741  | 7176  |
| 75° | 5845  | 6313  | 9623  | 6313  |
| 80° | 4900  | 5174  | 9321  | 5174  |
| 85° | 3622  | 3742  | 8929  | 3742  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 153.1  | 1.7       |
| 10°-20°   | 471.9  | 5.4       |
| 20°-30°   | 748.2  | 8.6       |
| 30°-40°   | 832.7  | 9.5       |
| 40°-50°   | 758.0  | 8.7       |
| 50°-60°   | 619.4  | 7.1       |
| 60°-70°   | 442.2  | 5.1       |
| 70°-80°   | 243.5  | 2.8       |
| 80°-90°   | 71.2   | 0.8       |
| 90°-100°  | 104.8  | 1.2       |
| 100°-110° | 310.6  | 3.5       |
| 110°-120° | 527.1  | 6.0       |
| 120°-130° | 695.1  | 7.9       |
| 130°-140° | 780.6  | 8.9       |
| 140°-150° | 767.1  | 8.8       |
| 150°-160° | 645.2  | 7.4       |
| 160°-170° | 429.2  | 4.9       |
| 170°-180° | 150.3  | 1.7       |
| 0°-30°    | 1373.2 | 15.7      |
| 0°-40°    | 2205.9 | 25.2      |
| 0°-60°    | 3583.3 | 41.0      |
| 0°-90°    | 4340.2 | 49.6      |
| 90°-120°  | 942.5  | 10.8      |
| 90°-150°  | 3185.3 | 36.4      |
| 90°-180°  | 4410.0 | 50.4      |
| 0°-180°   | 8750.3 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1571 | 1571 | 1571 | 1571 | 1571 |      |
| 5°   | 1844 | 1570 | 1385 | 1570 | 1844 | 187  |
| 15°  | 2532 | 1500 | 1110 | 1500 | 2532 | 715  |
| 25°  | 2688 | 1371 | 902  | 1371 | 2688 | 1185 |
| 35°  | 1590 | 1190 | 799  | 1190 | 1590 | 1009 |
| 45°  | 892  | 950  | 715  | 950  | 892  | 703  |
| 55°  | 583  | 669  | 624  | 669  | 583  | 527  |
| 65°  | 375  | 416  | 499  | 416  | 375  | 371  |
| 75°  | 187  | 202  | 308  | 202  | 187  | 199  |
| 85°  | 39   | 40   | 96   | 40   | 39   | 49   |
| 90°  | 37   | 4    | 37   | 4    | 37   | 20   |
| 95°  | 97   | 74   | 97   | 74   | 97   | 101  |
| 105° | 300  | 286  | 300  | 286  | 300  | 316  |
| 115° | 531  | 536  | 531  | 536  | 531  | 525  |
| 125° | 774  | 781  | 774  | 781  | 774  | 691  |
| 135° | 1008 | 1007 | 1008 | 1007 | 1008 | 778  |
| 145° | 1224 | 1223 | 1224 | 1223 | 1224 | 766  |
| 155° | 1400 | 1401 | 1400 | 1401 | 1400 | 645  |
| 165° | 1522 | 1526 | 1522 | 1526 | 1522 | 429  |
| 175° | 1580 | 1587 | 1580 | 1587 | 1580 | 150  |
| 180° | 1590 | 1590 | 1590 | 1590 | 1590 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1672.4 | 1671.9 | 1666.7 | 1665.7 | 1662.0 | 1657.3 | 1656.3 | 1648.0 | 1631.3 | 1623.4 | 1621.4 |
| 5°     | 1843.5 | 1856.5 | 1839.6 | 1836.3 | 1834.3 | 1812.9 | 1801.8 | 1788.8 | 1758.8 | 1741.3 | 1727.6 |
| 7.5°   | 2047.6 | 2049.2 | 2041.8 | 2035.8 | 2019.3 | 2000.5 | 1972.4 | 1942.5 | 1906.7 | 1869.6 | 1841.7 |
| 10°    | 2182.0 | 2187.2 | 2178.7 | 2177.4 | 2144.2 | 2123.4 | 2081.7 | 2046.6 | 2006.2 | 1961.3 | 1920.3 |
| 12.5°  | 2323.6 | 2316.3 | 2312.0 | 2284.1 | 2278.0 | 2240.0 | 2191.6 | 2155.4 | 2093.2 | 2041.5 | 1987.0 |
| 15°    | 2532.2 | 2517.9 | 2508.8 | 2470.4 | 2451.4 | 2398.7 | 2347.3 | 2307.6 | 2226.3 | 2148.8 | 2090.2 |
| 17.5°  | 2654.5 | 2668.9 | 2647.8 | 2632.0 | 2583.2 | 2546.3 | 2493.7 | 2410.4 | 2346.7 | 2250.5 | 2176.5 |
| 20°    | 2743.1 | 2744.4 | 2732.6 | 2716.4 | 2678.0 | 2631.1 | 2573.8 | 2482.7 | 2406.5 | 2310.9 | 2209.3 |
| 22.5°  | 2767.0 | 2767.3 | 2762.3 | 2747.2 | 2718.0 | 2680.1 | 2622.2 | 2546.3 | 2454.0 | 2349.9 | 2248.4 |
| 25°    | 2688.4 | 2685.8 | 2691.6 | 2708.6 | 2697.5 | 2685.8 | 2652.6 | 2596.0 | 2510.1 | 2400.0 | 2290.7 |
| 27.5°  | 2396.2 | 2414.2 | 2447.3 | 2488.9 | 2529.1 | 2559.6 | 2568.3 | 2556.6 | 2503.4 | 2413.0 | 2298.3 |
| 30°    | 2185.9 | 2208.0 | 2232.8 | 2274.4 | 2355.2 | 2401.3 | 2452.1 | 2490.5 | 2469.1 | 2396.8 | 2290.0 |
| 32.5°  | 1954.7 | 1960.1 | 1996.8 | 2044.2 | 2118.1 | 2207.1 | 2287.6 | 2365.5 | 2391.4 | 2353.5 | 2264.5 |
| 35°    | 1589.6 | 1598.7 | 1638.4 | 1685.3 | 1775.8 | 1884.5 | 2005.6 | 2113.6 | 2202.8 | 2238.6 | 2193.0 |
| 37.5°  | 1297.2 | 1323.4 | 1351.4 | 1401.7 | 1481.4 | 1579.3 | 1705.1 | 1844.9 | 1977.8 | 2066.9 | 2081.9 |
| 40°    | 1158.7 | 1174.9 | 1195.1 | 1233.5 | 1301.2 | 1397.6 | 1505.6 | 1665.7 | 1807.0 | 1934.6 | 1976.3 |
| 42.5°  | 1049.3 | 1058.8 | 1071.2 | 1106.0 | 1157.5 | 1253.4 | 1352.0 | 1492.9 | 1634.7 | 1787.2 | 1857.0 |
| 45°    | 891.8  | 901.6  | 922.3  | 942.6  | 981.6  | 1048.0 | 1139.8 | 1255.6 | 1398.2 | 1545.3 | 1674.2 |
| 47.5°  | 778.0  | 784.2  | 796.6  | 818.2  | 851.4  | 895.2  | 969.9  | 1066.7 | 1198.8 | 1341.6 | 1479.0 |
| 50°    | 713.5  | 718.6  | 728.4  | 748.0  | 773.3  | 812.4  | 873.6  | 964.0  | 1067.6 | 1211.4 | 1346.1 |
| 52.5°  | 662.4  | 664.5  | 671.6  | 684.9  | 705.1  | 737.9  | 788.1  | 863.0  | 959.2  | 1087.4 | 1221.7 |
| 55°    | 583.3  | 585.9  | 592.4  | 602.1  | 619.7  | 640.5  | 678.9  | 734.9  | 818.9  | 930.2  | 1046.7 |
| 57.5°  | 518.1  | 520.0  | 525.5  | 529.2  | 543.6  | 560.6  | 590.1  | 630.1  | 693.7  | 788.1  | 892.2  |
| 60°    | 476.5  | 475.2  | 481.7  | 484.9  | 494.7  | 509.1  | 531.8  | 570.2  | 625.6  | 701.7  | 797.4  |
| 62.5°  | 435.9  | 434.1  | 439.5  | 443.8  | 449.4  | 461.6  | 480.3  | 510.4  | 555.2  | 624.1  | 706.8  |
| 65°    | 375.0  | 372.3  | 375.6  | 380.8  | 386.0  | 392.5  | 406.2  | 432.8  | 468.7  | 518.1  | 581.3  |
| 67.5°  | 313.7  | 316.5  | 317.0  | 319.6  | 322.6  | 331.5  | 340.8  | 359.7  | 385.0  | 424.5  | 478.1  |
| 70°    | 277.3  | 277.9  | 280.5  | 280.5  | 282.5  | 290.3  | 298.2  | 309.2  | 333.9  | 370.4  | 414.0  |
| 72.5°  | 240.8  | 243.6  | 242.6  | 244.6  | 246.1  | 251.3  | 257.0  | 267.5  | 288.6  | 315.7  | 352.5  |
| 75°    | 187.4  | 189.4  | 189.4  | 190.0  | 192.0  | 194.0  | 198.5  | 206.4  | 221.4  | 241.5  | 266.8  |
| 77.5°  | 136.7  | 137.0  | 137.9  | 140.2  | 140.2  | 143.3  | 146.8  | 153.0  | 160.4  | 174.2  | 189.7  |
| 80°    | 105.4  | 106.7  | 106.1  | 107.4  | 107.4  | 110.0  | 111.3  | 119.1  | 122.4  | 131.5  | 143.8  |
| 82.5°  | 77.4   | 78.6   | 78.5   | 80.3   | 81.4   | 81.9   | 83.7   | 86.8   | 90.1   | 98.2   | 103.2  |
| 85°    | 39.1   | 40.4   | 39.1   | 40.4   | 42.3   | 43.0   | 44.9   | 45.6   | 48.2   | 50.1   | 54.7   |
| 87.5°  | 18.8   | 20.3   | 20.1   | 20.6   | 21.5   | 21.9   | 22.0   | 21.2   | 22.9   | 23.2   | 24.8   |
| 90°    | 36.9   | 36.4   | 35.8   | 35.2   | 34.7   | 33.6   | 32.0   | 30.3   | 28.7   | 27.1   | 24.9   |
| 92.5°  | 54.5   | 54.2   | 53.9   | 53.6   | 53.2   | 52.6   | 51.6   | 50.6   | 49.7   | 48.7   | 47.1   |
| 95°    | 97.1   | 97.1   | 97.1   | 97.1   | 97.1   | 96.7   | 95.9   | 95.1   | 94.2   | 93.4   | 91.6   |
| 97.5°  | 152.2  | 152.2  | 152.2  | 152.2  | 152.2  | 151.7  | 150.7  | 149.8  | 148.7  | 147.7  | 145.5  |
| 100°   | 190.5  | 190.5  | 190.5  | 190.5  | 190.5  | 190.3  | 189.7  | 189.1  | 188.7  | 188.1  | 185.6  |
| 102.5° | 233.8  | 233.6  | 233.4  | 233.2  | 232.9  | 232.4  | 231.7  | 230.9  | 230.2  | 229.4  | 227.1  |
| 105°   | 299.9  | 299.1  | 298.3  | 297.5  | 296.7  | 295.9  | 295.1  | 294.2  | 293.4  | 292.6  | 291.5  |
| 107.5° | 364.4  | 364.4  | 364.5  | 364.5  | 364.6  | 364.3  | 363.5  | 362.7  | 361.9  | 361.2  | 361.0  |
| 110°   | 410.6  | 409.8  | 409.0  | 408.1  | 407.3  | 407.2  | 407.7  | 408.3  | 408.8  | 409.4  | 409.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 457.8  | 457.6  | 457.5  | 457.3  | 457.1  | 457.1  | 457.2  | 457.3  | 457.5  | 457.5  | 458.0  |
| 115°   | 531.1  | 531.3  | 531.7  | 531.9  | 532.1  | 532.5  | 532.7  | 533.0  | 533.3  | 533.5  | 534.1  |
| 117.5° | 600.9  | 601.4  | 602.0  | 602.5  | 603.1  | 603.8  | 604.8  | 605.7  | 606.6  | 607.6  | 607.9  |
| 120°   | 654.0  | 653.5  | 652.9  | 652.4  | 651.8  | 652.2  | 653.6  | 654.9  | 656.3  | 657.7  | 658.5  |
| 122.5° | 698.3  | 699.3  | 700.3  | 701.2  | 702.2  | 703.2  | 704.1  | 705.0  | 706.0  | 706.9  | 707.3  |
| 125°   | 774.5  | 775.0  | 775.6  | 776.1  | 776.7  | 777.2  | 777.8  | 778.3  | 778.9  | 779.4  | 779.7  |
| 127.5° | 845.1  | 845.5  | 846.0  | 846.4  | 846.8  | 847.3  | 847.8  | 848.4  | 848.9  | 849.5  | 849.9  |
| 130°   | 891.3  | 892.3  | 893.5  | 894.5  | 895.6  | 896.4  | 897.0  | 897.6  | 898.1  | 898.6  | 898.6  |
| 132.5° | 940.4  | 940.9  | 941.3  | 941.8  | 942.2  | 942.6  | 943.2  | 943.8  | 944.4  | 944.9  | 945.1  |
| 135°   | 1008.0 | 1008.9 | 1009.7 | 1010.5 | 1011.3 | 1012.0 | 1012.6 | 1013.1 | 1013.7 | 1014.2 | 1014.2 |
| 137.5° | 1079.1 | 1079.0 | 1078.8 | 1078.6 | 1078.5 | 1078.7 | 1079.5 | 1080.2 | 1080.8 | 1081.6 | 1081.2 |
| 140°   | 1122.4 | 1122.7 | 1122.9 | 1123.2 | 1123.5 | 1123.7 | 1124.1 | 1124.3 | 1124.5 | 1124.9 | 1124.9 |
| 142.5° | 1165.6 | 1165.7 | 1165.8 | 1165.8 | 1165.9 | 1166.0 | 1166.0 | 1166.0 | 1166.1 | 1166.1 | 1166.4 |
| 145°   | 1224.4 | 1225.2 | 1226.0 | 1226.9 | 1227.7 | 1228.2 | 1228.5 | 1228.8 | 1229.1 | 1229.3 | 1229.1 |
| 147.5° | 1283.9 | 1284.2 | 1284.5 | 1284.7 | 1285.0 | 1285.2 | 1285.5 | 1285.7 | 1285.9 | 1286.1 | 1286.4 |
| 150°   | 1320.3 | 1320.6 | 1320.9 | 1321.1 | 1321.4 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.5 |
| 152.5° | 1353.7 | 1354.5 | 1355.2 | 1355.8 | 1356.6 | 1356.6 | 1355.9 | 1355.3 | 1354.6 | 1354.0 | 1353.8 |
| 155°   | 1400.2 | 1401.3 | 1402.4 | 1403.5 | 1404.6 | 1404.6 | 1403.5 | 1402.4 | 1401.3 | 1400.2 | 1400.5 |
| 157.5° | 1441.8 | 1442.7 | 1443.7 | 1444.5 | 1445.4 | 1445.5 | 1444.7 | 1443.9 | 1443.1 | 1442.3 | 1442.3 |
| 160°   | 1465.3 | 1466.7 | 1468.1 | 1469.5 | 1470.8 | 1471.1 | 1470.3 | 1469.5 | 1468.7 | 1467.9 | 1468.1 |
| 162.5° | 1490.0 | 1491.3 | 1492.7 | 1494.0 | 1495.4 | 1495.3 | 1493.9 | 1492.4 | 1490.9 | 1489.5 | 1489.7 |
| 165°   | 1521.9 | 1523.0 | 1524.1 | 1525.2 | 1526.3 | 1526.0 | 1524.4 | 1522.7 | 1521.1 | 1519.5 | 1520.0 |
| 167.5° | 1544.7 | 1546.5 | 1548.2 | 1549.9 | 1551.6 | 1551.6 | 1550.0 | 1548.3 | 1546.7 | 1545.1 | 1545.0 |
| 170°   | 1557.5 | 1559.5 | 1561.4 | 1563.3 | 1565.2 | 1565.4 | 1563.7 | 1562.1 | 1560.4 | 1558.8 | 1558.5 |
| 172.5° | 1568.4 | 1570.3 | 1572.2 | 1574.1 | 1576.1 | 1576.1 | 1574.2 | 1572.4 | 1570.5 | 1568.6 | 1568.6 |
| 175°   | 1579.7 | 1581.6 | 1583.6 | 1585.4 | 1587.4 | 1587.4 | 1585.4 | 1583.6 | 1581.6 | 1579.7 | 1580.0 |
| 177.5° | 1585.6 | 1587.4 | 1589.1 | 1590.8 | 1592.6 | 1592.7 | 1591.1 | 1589.7 | 1588.1 | 1586.6 | 1586.6 |
| 180°   | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1621.9 | 1614.6 | 1609.4 | 1605.2 | 1593.7 | 1587.0 | 1581.8 | 1574.5 | 1566.2 | 1557.3 | 1546.4 |
| 5°     | 1713.9 | 1691.8 | 1675.5 | 1650.8 | 1627.3 | 1607.9 | 1587.6 | 1569.5 | 1547.3 | 1523.2 | 1505.6 |
| 7.5°   | 1810.7 | 1777.8 | 1735.5 | 1699.0 | 1657.8 | 1622.0 | 1590.0 | 1557.2 | 1523.1 | 1490.0 | 1459.7 |
| 10°    | 1872.1 | 1829.8 | 1782.9 | 1727.6 | 1675.5 | 1629.3 | 1586.3 | 1544.7 | 1504.3 | 1464.0 | 1429.5 |
| 12.5°  | 1938.3 | 1885.5 | 1816.2 | 1751.6 | 1693.2 | 1631.4 | 1579.6 | 1528.5 | 1479.8 | 1437.5 | 1397.2 |
| 15°    | 2027.1 | 1950.8 | 1870.8 | 1784.2 | 1707.4 | 1635.2 | 1564.2 | 1499.7 | 1445.1 | 1389.1 | 1350.1 |
| 17.5°  | 2081.6 | 1987.4 | 1895.8 | 1805.3 | 1712.4 | 1621.2 | 1544.7 | 1470.4 | 1401.9 | 1346.3 | 1297.1 |
| 20°    | 2117.5 | 2023.8 | 1909.8 | 1819.4 | 1708.7 | 1615.0 | 1526.5 | 1443.8 | 1372.2 | 1313.0 | 1262.2 |
| 22.5°  | 2148.8 | 2040.4 | 1926.6 | 1807.4 | 1697.3 | 1597.8 | 1501.0 | 1417.7 | 1344.6 | 1282.2 | 1233.5 |
| 25°    | 2165.7 | 2041.3 | 1917.7 | 1799.2 | 1674.2 | 1556.4 | 1468.5 | 1370.9 | 1292.7 | 1227.0 | 1174.9 |
| 27.5°  | 2167.6 | 2034.6 | 1894.7 | 1763.0 | 1634.0 | 1524.3 | 1413.3 | 1326.1 | 1245.0 | 1175.5 | 1125.5 |
| 30°    | 2161.8 | 2023.2 | 1872.7 | 1730.2 | 1600.7 | 1481.6 | 1385.2 | 1290.2 | 1207.5 | 1138.5 | 1086.4 |
| 32.5°  | 2143.6 | 1999.2 | 1844.6 | 1693.8 | 1559.5 | 1443.0 | 1343.5 | 1253.2 | 1172.6 | 1104.6 | 1049.9 |
| 35°    | 2090.8 | 1948.2 | 1783.5 | 1626.7 | 1489.4 | 1371.6 | 1281.7 | 1189.9 | 1109.2 | 1044.8 | 992.1  |
| 37.5°  | 2008.4 | 1879.5 | 1712.1 | 1549.8 | 1414.9 | 1296.6 | 1207.5 | 1124.5 | 1051.8 | 986.3  | 932.3  |
| 40°    | 1936.6 | 1823.3 | 1655.4 | 1497.1 | 1351.4 | 1238.8 | 1155.4 | 1079.3 | 1007.0 | 945.2  | 893.7  |
| 42.5°  | 1853.7 | 1755.1 | 1600.2 | 1432.6 | 1292.0 | 1178.8 | 1097.6 | 1029.2 | 961.2  | 904.0  | 852.6  |
| 45°    | 1706.1 | 1641.0 | 1495.3 | 1340.3 | 1193.8 | 1087.0 | 1009.6 | 949.7  | 892.4  | 836.5  | 793.5  |
| 47.5°  | 1536.4 | 1504.1 | 1381.3 | 1234.2 | 1095.1 | 989.9  | 922.8  | 867.5  | 817.2  | 769.8  | 731.9  |
| 50°    | 1422.3 | 1406.7 | 1300.6 | 1158.7 | 1025.9 | 926.9  | 859.2  | 811.7  | 768.7  | 727.1  | 691.3  |
| 52.5°  | 1309.9 | 1309.3 | 1213.7 | 1083.7 | 960.8  | 865.5  | 798.3  | 753.9  | 716.7  | 682.8  | 650.7  |
| 55°    | 1137.8 | 1156.1 | 1081.2 | 965.3  | 855.3  | 769.4  | 708.9  | 669.2  | 643.1  | 615.1  | 591.1  |
| 57.5°  | 979.9  | 1010.2 | 948.4  | 846.4  | 754.6  | 675.4  | 622.7  | 592.9  | 565.2  | 548.2  | 530.7  |
| 60°    | 876.9  | 905.5  | 857.3  | 771.4  | 684.8  | 617.1  | 567.0  | 540.3  | 516.2  | 504.5  | 492.1  |
| 62.5°  | 785.1  | 810.7  | 775.0  | 695.4  | 620.2  | 555.1  | 512.8  | 487.1  | 470.9  | 458.1  | 450.0  |
| 65°    | 654.2  | 675.7  | 645.1  | 587.2  | 522.7  | 470.7  | 436.1  | 416.0  | 400.3  | 395.1  | 386.0  |
| 67.5°  | 528.8  | 548.4  | 531.8  | 482.6  | 430.9  | 391.5  | 364.5  | 345.1  | 335.9  | 331.3  | 324.8  |
| 70°    | 454.4  | 473.9  | 456.3  | 413.4  | 373.7  | 340.5  | 315.0  | 304.0  | 294.2  | 292.3  | 283.2  |
| 72.5°  | 391.3  | 404.6  | 387.0  | 353.4  | 319.5  | 291.5  | 271.8  | 260.2  | 255.2  | 251.7  | 246.7  |
| 75°    | 293.6  | 305.3  | 293.6  | 267.5  | 243.4  | 224.0  | 207.0  | 202.4  | 196.6  | 194.6  | 191.4  |
| 77.5°  | 207.8  | 217.9  | 209.0  | 192.7  | 174.7  | 159.6  | 150.5  | 144.6  | 143.3  | 140.0  | 141.5  |
| 80°    | 158.8  | 165.3  | 156.9  | 145.8  | 131.5  | 121.1  | 114.5  | 111.3  | 107.4  | 106.1  | 108.7  |
| 82.5°  | 114.1  | 116.9  | 112.6  | 105.2  | 94.5   | 87.7   | 83.3   | 79.6   | 78.8   | 79.0   | 79.0   |
| 85°    | 59.3   | 58.6   | 58.0   | 51.4   | 48.2   | 43.6   | 41.0   | 40.4   | 39.7   | 41.0   | 42.3   |
| 87.5°  | 24.3   | 24.4   | 23.5   | 20.9   | 18.7   | 16.6   | 15.4   | 14.3   | 15.4   | 16.6   | 17.6   |
| 90°    | 22.7   | 20.5   | 18.3   | 15.7   | 12.7   | 9.7    | 6.7    | 3.7    | 6.7    | 9.7    | 12.7   |
| 92.5°  | 45.7   | 44.1   | 42.6   | 40.1   | 36.6   | 33.2   | 29.8   | 26.3   | 29.8   | 33.2   | 36.6   |
| 95°    | 89.6   | 87.7   | 85.8   | 83.6   | 81.1   | 78.7   | 76.2   | 73.8   | 76.2   | 78.7   | 81.1   |
| 97.5°  | 143.2  | 141.0  | 138.8  | 136.7  | 134.8  | 132.7  | 130.8  | 128.8  | 130.8  | 132.7  | 134.8  |
| 100°   | 183.2  | 180.8  | 178.2  | 176.5  | 175.4  | 174.3  | 173.2  | 172.1  | 173.2  | 174.3  | 175.4  |
| 102.5° | 224.9  | 222.7  | 220.5  | 219.1  | 218.7  | 218.3  | 217.8  | 217.4  | 217.8  | 218.3  | 218.7  |
| 105°   | 290.4  | 289.3  | 288.2  | 287.6  | 287.2  | 287.0  | 286.7  | 286.4  | 286.7  | 287.0  | 287.2  |
| 107.5° | 360.9  | 360.7  | 360.5  | 360.3  | 360.0  | 359.6  | 359.3  | 359.0  | 359.3  | 359.6  | 360.0  |
| 110°   | 409.9  | 410.2  | 410.5  | 410.3  | 409.8  | 409.2  | 408.7  | 408.1  | 408.7  | 409.2  | 409.8  |





TEST NUMBER: P332860-930

CATALOG NUMBER: S124DIW-S1195D1560U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 458.5  | 459.0  | 459.5  | 459.7  | 459.6  | 459.5  | 459.4  | 459.3  | 459.4  | 459.5  | 459.6  |
| 115°   | 534.6  | 535.2  | 535.7  | 536.0  | 536.0  | 536.0  | 536.0  | 536.0  | 536.0  | 536.0  | 536.0  |
| 117.5° | 608.3  | 608.7  | 609.1  | 609.2  | 608.9  | 608.7  | 608.5  | 608.3  | 608.5  | 608.7  | 608.9  |
| 120°   | 659.3  | 660.1  | 661.0  | 660.8  | 659.7  | 658.7  | 657.5  | 656.5  | 657.5  | 658.7  | 659.7  |
| 122.5° | 707.6  | 708.0  | 708.4  | 708.3  | 707.9  | 707.5  | 707.0  | 706.6  | 707.0  | 707.5  | 707.9  |
| 125°   | 779.9  | 780.2  | 780.5  | 780.6  | 780.6  | 780.6  | 780.6  | 780.6  | 780.6  | 780.6  | 780.6  |
| 127.5° | 850.4  | 850.8  | 851.3  | 851.0  | 850.2  | 849.4  | 848.6  | 847.7  | 848.6  | 849.4  | 850.2  |
| 130°   | 898.6  | 898.6  | 898.6  | 898.2  | 897.4  | 896.6  | 895.8  | 895.0  | 895.8  | 896.6  | 897.4  |
| 132.5° | 945.3  | 945.5  | 945.7  | 945.6  | 944.9  | 944.4  | 943.8  | 943.1  | 943.8  | 944.4  | 944.9  |
| 135°   | 1014.2 | 1014.2 | 1014.2 | 1013.4 | 1011.8 | 1010.1 | 1008.4 | 1006.8 | 1008.4 | 1010.1 | 1011.8 |
| 137.5° | 1080.7 | 1080.3 | 1079.9 | 1079.2 | 1078.5 | 1077.7 | 1076.9 | 1076.2 | 1076.9 | 1077.7 | 1078.5 |
| 140°   | 1124.9 | 1124.9 | 1124.9 | 1124.5 | 1124.1 | 1123.5 | 1122.9 | 1122.4 | 1122.9 | 1123.5 | 1124.1 |
| 142.5° | 1166.6 | 1166.8 | 1167.0 | 1166.9 | 1166.3 | 1165.8 | 1165.2 | 1164.7 | 1165.2 | 1165.8 | 1166.3 |
| 145°   | 1228.8 | 1228.5 | 1228.2 | 1227.6 | 1226.5 | 1225.4 | 1224.3 | 1223.2 | 1224.3 | 1225.4 | 1226.5 |
| 147.5° | 1286.5 | 1286.8 | 1287.0 | 1286.5 | 1285.2 | 1283.9 | 1282.5 | 1281.2 | 1282.5 | 1283.9 | 1285.2 |
| 150°   | 1321.5 | 1321.5 | 1321.5 | 1321.0 | 1319.9 | 1318.8 | 1317.7 | 1316.6 | 1317.7 | 1318.8 | 1319.9 |
| 152.5° | 1353.6 | 1353.3 | 1353.2 | 1352.7 | 1352.0 | 1351.4 | 1350.7 | 1350.1 | 1350.7 | 1351.4 | 1352.0 |
| 155°   | 1400.8 | 1401.0 | 1401.3 | 1401.4 | 1401.4 | 1401.4 | 1401.4 | 1401.4 | 1401.4 | 1401.4 | 1401.4 |
| 157.5° | 1442.3 | 1442.4 | 1442.5 | 1442.8 | 1443.2 | 1443.7 | 1444.2 | 1444.7 | 1444.2 | 1443.7 | 1443.2 |
| 160°   | 1468.4 | 1468.7 | 1468.9 | 1469.2 | 1469.5 | 1469.7 | 1470.0 | 1470.3 | 1470.0 | 1469.7 | 1469.5 |
| 162.5° | 1490.0 | 1490.3 | 1490.5 | 1491.0 | 1491.8 | 1492.5 | 1493.2 | 1493.9 | 1493.2 | 1492.5 | 1491.8 |
| 165°   | 1520.5 | 1521.1 | 1521.7 | 1522.3 | 1523.1 | 1524.0 | 1524.8 | 1525.6 | 1524.8 | 1524.0 | 1523.1 |
| 167.5° | 1544.9 | 1544.9 | 1544.8 | 1545.4 | 1546.5 | 1547.7 | 1548.8 | 1550.0 | 1548.8 | 1547.7 | 1546.5 |
| 170°   | 1558.3 | 1558.0 | 1557.7 | 1558.3 | 1559.6 | 1561.0 | 1562.4 | 1563.7 | 1562.4 | 1561.0 | 1559.6 |
| 172.5° | 1568.6 | 1568.5 | 1568.4 | 1569.0 | 1570.1 | 1571.2 | 1572.4 | 1573.5 | 1572.4 | 1571.2 | 1570.1 |
| 175°   | 1580.2 | 1580.5 | 1580.8 | 1581.6 | 1583.0 | 1584.4 | 1585.7 | 1587.1 | 1585.7 | 1584.4 | 1583.0 |
| 177.5° | 1586.6 | 1586.6 | 1586.6 | 1587.1 | 1588.2 | 1589.3 | 1590.4 | 1591.5 | 1590.4 | 1589.3 | 1588.2 |
| 180°   | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 |



TEST NUMBER: P332860-930

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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1541.2 | 1536.5 | 1529.7 | 1520.4 | 1512.5 | 1504.2 | 1502.1 | 1499.0 | 1505.2 | 1500.1 | 1498.4 |
| 5°     | 1490.7 | 1477.0 | 1459.4 | 1439.2 | 1427.5 | 1410.6 | 1407.4 | 1400.8 | 1394.3 | 1393.7 | 1387.2 |
| 7.5°   | 1437.1 | 1417.1 | 1394.1 | 1373.5 | 1354.5 | 1336.0 | 1323.9 | 1321.3 | 1311.7 | 1306.0 | 1299.5 |
| 10°    | 1402.8 | 1378.0 | 1351.4 | 1331.9 | 1309.7 | 1290.2 | 1276.5 | 1268.7 | 1262.2 | 1255.0 | 1248.5 |
| 12.5°  | 1362.2 | 1335.9 | 1313.9 | 1292.7 | 1266.5 | 1251.6 | 1229.1 | 1215.6 | 1214.3 | 1214.4 | 1197.5 |
| 15°    | 1314.9 | 1288.9 | 1255.0 | 1225.1 | 1210.7 | 1182.1 | 1169.7 | 1154.1 | 1144.4 | 1134.6 | 1126.8 |
| 17.5°  | 1260.9 | 1228.5 | 1202.0 | 1167.7 | 1140.4 | 1117.5 | 1101.3 | 1091.9 | 1077.2 | 1063.4 | 1053.4 |
| 20°    | 1227.0 | 1192.5 | 1164.6 | 1128.0 | 1098.1 | 1070.2 | 1056.5 | 1043.5 | 1032.4 | 1020.7 | 1009.6 |
| 22.5°  | 1192.6 | 1156.6 | 1122.3 | 1087.0 | 1059.1 | 1029.6 | 1016.4 | 998.7  | 988.1  | 981.6  | 970.5  |
| 25°    | 1138.5 | 1099.4 | 1060.4 | 1026.5 | 997.9  | 971.8  | 954.3  | 940.6  | 928.9  | 923.7  | 916.6  |
| 27.5°  | 1079.6 | 1040.9 | 1003.1 | 964.7  | 932.1  | 913.3  | 899.2  | 888.9  | 882.2  | 875.2  | 872.0  |
| 30°    | 1042.2 | 1001.8 | 961.5  | 925.6  | 895.7  | 876.9  | 863.8  | 856.6  | 851.4  | 848.2  | 844.9  |
| 32.5°  | 1004.1 | 964.3  | 921.9  | 889.2  | 862.3  | 845.5  | 835.7  | 828.5  | 825.9  | 824.8  | 823.6  |
| 35°    | 943.2  | 902.9  | 863.8  | 834.5  | 809.1  | 802.6  | 794.2  | 790.3  | 789.0  | 793.5  | 795.5  |
| 37.5°  | 884.3  | 846.8  | 810.8  | 782.4  | 765.8  | 756.3  | 753.4  | 753.5  | 758.2  | 762.2  | 767.0  |
| 40°    | 846.2  | 809.8  | 775.9  | 751.2  | 735.6  | 729.7  | 728.4  | 731.6  | 736.9  | 741.4  | 746.7  |
| 42.5°  | 809.3  | 773.3  | 742.6  | 719.4  | 708.5  | 703.1  | 703.9  | 707.2  | 714.4  | 720.1  | 727.9  |
| 45°    | 751.9  | 721.9  | 691.9  | 673.1  | 664.0  | 665.3  | 665.3  | 671.2  | 678.2  | 686.7  | 695.2  |
| 47.5°  | 697.8  | 667.6  | 643.0  | 627.1  | 622.4  | 621.3  | 624.9  | 632.6  | 642.9  | 653.3  | 665.1  |
| 50°    | 661.4  | 632.8  | 611.2  | 596.9  | 591.7  | 593.7  | 598.8  | 606.0  | 618.4  | 631.4  | 643.8  |
| 52.5°  | 624.4  | 598.3  | 578.5  | 565.2  | 561.5  | 565.0  | 570.2  | 581.6  | 592.4  | 606.4  | 621.4  |
| 55°    | 567.0  | 544.9  | 529.2  | 519.4  | 518.1  | 520.1  | 525.9  | 538.3  | 553.9  | 571.5  | 585.9  |
| 57.5°  | 509.8  | 491.3  | 477.0  | 470.3  | 470.9  | 472.7  | 482.3  | 497.1  | 513.7  | 532.5  | 551.0  |
| 60°    | 471.2  | 454.4  | 442.6  | 437.4  | 438.1  | 442.0  | 453.7  | 467.4  | 488.2  | 506.5  | 525.9  |
| 62.5°  | 434.8  | 420.0  | 408.8  | 404.1  | 403.2  | 411.8  | 423.0  | 437.2  | 458.0  | 478.3  | 499.4  |
| 65°    | 376.3  | 364.5  | 355.4  | 352.8  | 354.7  | 361.3  | 375.6  | 394.4  | 412.1  | 433.5  | 455.7  |
| 67.5°  | 318.9  | 309.3  | 303.0  | 304.3  | 306.6  | 316.3  | 328.2  | 344.5  | 364.4  | 386.7  | 408.5  |
| 70°    | 282.5  | 273.4  | 268.2  | 268.8  | 272.7  | 284.5  | 294.9  | 311.1  | 332.6  | 355.4  | 373.7  |
| 72.5°  | 245.0  | 239.0  | 234.3  | 237.1  | 241.0  | 249.1  | 262.0  | 278.3  | 297.3  | 318.5  | 337.7  |
| 75°    | 188.1  | 188.1  | 185.5  | 187.4  | 193.3  | 201.1  | 210.9  | 227.8  | 246.7  | 263.7  | 279.2  |
| 77.5°  | 139.6  | 138.1  | 139.8  | 142.2  | 145.5  | 154.8  | 166.0  | 178.1  | 192.3  | 209.2  | 222.1  |
| 80°    | 106.7  | 107.4  | 110.6  | 114.5  | 115.9  | 123.0  | 134.8  | 145.8  | 156.9  | 171.2  | 183.6  |
| 82.5°  | 80.2   | 80.9   | 82.5   | 87.5   | 88.8   | 96.4   | 104.0  | 115.1  | 125.1  | 134.8  | 145.0  |
| 85°    | 43.6   | 43.6   | 46.9   | 48.8   | 52.1   | 57.3   | 61.8   | 68.3   | 77.5   | 84.0   | 93.8   |
| 87.5°  | 19.8   | 20.3   | 22.8   | 24.3   | 26.3   | 29.4   | 30.7   | 36.8   | 39.2   | 42.2   | 47.0   |
| 90°    | 15.7   | 18.3   | 20.5   | 22.7   | 24.9   | 27.1   | 28.7   | 30.3   | 32.0   | 33.6   | 34.7   |
| 92.5°  | 40.1   | 42.6   | 44.1   | 45.7   | 47.1   | 48.7   | 49.7   | 50.6   | 51.6   | 52.6   | 53.2   |
| 95°    | 83.6   | 85.8   | 87.7   | 89.6   | 91.6   | 93.4   | 94.2   | 95.1   | 95.9   | 96.7   | 97.1   |
| 97.5°  | 136.7  | 138.8  | 141.0  | 143.2  | 145.5  | 147.7  | 148.7  | 149.8  | 150.7  | 151.7  | 152.2  |
| 100°   | 176.5  | 178.2  | 180.8  | 183.2  | 185.6  | 188.1  | 188.7  | 189.1  | 189.7  | 190.3  | 190.5  |
| 102.5° | 219.1  | 220.5  | 222.7  | 224.9  | 227.1  | 229.4  | 230.2  | 230.9  | 231.7  | 232.4  | 232.9  |
| 105°   | 287.6  | 288.2  | 289.3  | 290.4  | 291.5  | 292.6  | 293.4  | 294.2  | 295.1  | 295.9  | 296.7  |
| 107.5° | 360.3  | 360.5  | 360.7  | 360.9  | 361.0  | 361.2  | 361.9  | 362.7  | 363.5  | 364.3  | 364.6  |
| 110°   | 410.3  | 410.5  | 410.2  | 409.9  | 409.6  | 409.4  | 408.8  | 408.3  | 407.7  | 407.2  | 407.3  |



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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 459.7  | 459.5  | 459.0  | 458.5  | 458.0  | 457.5  | 457.5  | 457.3  | 457.2  | 457.1  | 457.1  |
| 115°   | 536.0  | 535.7  | 535.2  | 534.6  | 534.1  | 533.5  | 533.3  | 533.0  | 532.7  | 532.5  | 532.1  |
| 117.5° | 609.2  | 609.1  | 608.7  | 608.3  | 607.9  | 607.6  | 606.6  | 605.7  | 604.8  | 603.8  | 603.1  |
| 120°   | 660.8  | 661.0  | 660.1  | 659.3  | 658.5  | 657.7  | 656.3  | 654.9  | 653.6  | 652.2  | 651.8  |
| 122.5° | 708.3  | 708.4  | 708.0  | 707.6  | 707.3  | 706.9  | 706.0  | 705.0  | 704.1  | 703.2  | 702.2  |
| 125°   | 780.6  | 780.5  | 780.2  | 779.9  | 779.7  | 779.4  | 778.9  | 778.3  | 777.8  | 777.2  | 776.7  |
| 127.5° | 851.0  | 851.3  | 850.8  | 850.4  | 849.9  | 849.5  | 848.9  | 848.4  | 847.8  | 847.3  | 846.8  |
| 130°   | 898.2  | 898.6  | 898.6  | 898.6  | 898.6  | 898.6  | 898.1  | 897.6  | 897.0  | 896.4  | 895.6  |
| 132.5° | 945.6  | 945.7  | 945.5  | 945.3  | 945.1  | 944.9  | 944.4  | 943.8  | 943.2  | 942.6  | 942.2  |
| 135°   | 1013.4 | 1014.2 | 1014.2 | 1014.2 | 1014.2 | 1014.2 | 1013.7 | 1013.1 | 1012.6 | 1012.0 | 1011.3 |
| 137.5° | 1079.2 | 1079.9 | 1080.3 | 1080.7 | 1081.2 | 1081.6 | 1080.8 | 1080.2 | 1079.5 | 1078.7 | 1078.5 |
| 140°   | 1124.5 | 1124.9 | 1124.9 | 1124.9 | 1124.9 | 1124.9 | 1124.5 | 1124.3 | 1124.1 | 1123.7 | 1123.5 |
| 142.5° | 1166.9 | 1167.0 | 1166.8 | 1166.6 | 1166.4 | 1166.1 | 1166.1 | 1166.0 | 1166.0 | 1166.0 | 1165.9 |
| 145°   | 1227.6 | 1228.2 | 1228.5 | 1228.8 | 1229.1 | 1229.3 | 1229.1 | 1228.8 | 1228.5 | 1228.2 | 1227.7 |
| 147.5° | 1286.5 | 1287.0 | 1286.8 | 1286.5 | 1286.4 | 1286.1 | 1285.9 | 1285.7 | 1285.5 | 1285.2 | 1285.0 |
| 150°   | 1321.0 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.4 |
| 152.5° | 1352.7 | 1353.2 | 1353.3 | 1353.6 | 1353.8 | 1354.0 | 1354.6 | 1355.3 | 1355.9 | 1356.6 | 1356.6 |
| 155°   | 1401.4 | 1401.3 | 1401.0 | 1400.8 | 1400.5 | 1400.2 | 1401.3 | 1402.4 | 1403.5 | 1404.6 | 1404.6 |
| 157.5° | 1442.8 | 1442.5 | 1442.4 | 1442.3 | 1442.3 | 1442.3 | 1443.1 | 1443.9 | 1444.7 | 1445.5 | 1445.4 |
| 160°   | 1469.2 | 1468.9 | 1468.7 | 1468.4 | 1468.1 | 1467.9 | 1468.7 | 1469.5 | 1470.3 | 1471.1 | 1470.8 |
| 162.5° | 1491.0 | 1490.5 | 1490.3 | 1490.0 | 1489.7 | 1489.5 | 1490.9 | 1492.4 | 1493.9 | 1495.3 | 1495.4 |
| 165°   | 1522.3 | 1521.7 | 1521.1 | 1520.5 | 1520.0 | 1519.5 | 1521.1 | 1522.7 | 1524.4 | 1526.0 | 1526.3 |
| 167.5° | 1545.4 | 1544.8 | 1544.9 | 1544.9 | 1545.0 | 1545.1 | 1546.7 | 1548.3 | 1550.0 | 1551.6 | 1551.6 |
| 170°   | 1558.3 | 1557.7 | 1558.0 | 1558.3 | 1558.5 | 1558.8 | 1560.4 | 1562.1 | 1563.7 | 1565.4 | 1565.2 |
| 172.5° | 1569.0 | 1568.4 | 1568.5 | 1568.6 | 1568.6 | 1568.6 | 1570.5 | 1572.4 | 1574.2 | 1576.1 | 1576.1 |
| 175°   | 1581.6 | 1580.8 | 1580.5 | 1580.2 | 1580.0 | 1579.7 | 1581.6 | 1583.6 | 1585.4 | 1587.4 | 1587.4 |
| 177.5° | 1587.1 | 1586.6 | 1586.6 | 1586.6 | 1586.6 | 1586.6 | 1588.1 | 1589.7 | 1591.1 | 1592.7 | 1592.6 |
| 180°   | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1497.5 | 1496.4 | 1492.7 | 1492.2 | 1492.7 | 1496.4 | 1497.5 | 1498.4 | 1500.1 | 1505.2 | 1499.0 |
| 5°     | 1383.2 | 1380.0 | 1378.0 | 1385.2 | 1378.0 | 1380.0 | 1383.2 | 1387.2 | 1393.7 | 1394.3 | 1400.8 |
| 7.5°   | 1297.2 | 1294.6 | 1288.9 | 1287.0 | 1288.9 | 1294.6 | 1297.2 | 1299.5 | 1306.0 | 1311.7 | 1321.3 |
| 10°    | 1242.0 | 1239.4 | 1234.2 | 1232.9 | 1234.2 | 1239.4 | 1242.0 | 1248.5 | 1255.0 | 1262.2 | 1268.7 |
| 12.5°  | 1188.9 | 1183.7 | 1182.7 | 1184.0 | 1182.7 | 1183.7 | 1188.9 | 1197.5 | 1214.4 | 1214.3 | 1215.6 |
| 15°    | 1118.3 | 1115.7 | 1108.6 | 1110.5 | 1108.6 | 1115.7 | 1118.3 | 1126.8 | 1134.6 | 1144.4 | 1154.1 |
| 17.5°  | 1048.8 | 1045.7 | 1037.0 | 1044.6 | 1037.0 | 1045.7 | 1048.8 | 1053.4 | 1063.4 | 1077.2 | 1091.9 |
| 20°    | 1005.0 | 999.9  | 995.3  | 994.7  | 995.3  | 999.9  | 1005.0 | 1009.6 | 1020.7 | 1032.4 | 1043.5 |
| 22.5°  | 963.4  | 958.7  | 958.3  | 954.1  | 958.3  | 958.7  | 963.4  | 970.5  | 981.6  | 988.1  | 998.7  |
| 25°    | 911.3  | 906.8  | 905.5  | 902.2  | 905.5  | 906.8  | 911.3  | 916.6  | 923.7  | 928.9  | 940.6  |
| 27.5°  | 871.4  | 869.1  | 866.8  | 867.8  | 866.8  | 869.1  | 871.4  | 872.0  | 875.2  | 882.2  | 888.9  |
| 30°    | 846.9  | 846.2  | 844.9  | 844.9  | 844.9  | 846.2  | 846.9  | 844.9  | 848.2  | 851.4  | 856.6  |
| 32.5°  | 826.6  | 826.5  | 827.2  | 827.2  | 827.2  | 826.5  | 826.6  | 823.6  | 824.8  | 825.9  | 828.5  |
| 35°    | 798.1  | 800.0  | 801.3  | 799.3  | 801.3  | 800.0  | 798.1  | 795.5  | 793.5  | 789.0  | 790.3  |
| 37.5°  | 772.3  | 774.2  | 776.1  | 778.3  | 776.1  | 774.2  | 772.3  | 767.0  | 762.2  | 758.2  | 753.5  |
| 40°    | 752.5  | 757.1  | 758.3  | 761.6  | 758.3  | 757.1  | 752.5  | 746.7  | 741.4  | 736.9  | 731.6  |
| 42.5°  | 733.8  | 738.8  | 742.2  | 742.8  | 742.2  | 738.8  | 733.8  | 727.9  | 720.1  | 714.4  | 707.2  |
| 45°    | 705.0  | 710.2  | 714.8  | 714.8  | 714.8  | 710.2  | 705.0  | 695.2  | 686.7  | 678.2  | 671.2  |
| 47.5°  | 675.1  | 682.7  | 687.3  | 688.4  | 687.3  | 682.7  | 675.1  | 665.1  | 653.3  | 642.9  | 632.6  |
| 50°    | 654.8  | 664.0  | 668.5  | 671.8  | 668.5  | 664.0  | 654.8  | 643.8  | 631.4  | 618.4  | 606.0  |
| 52.5°  | 635.0  | 644.2  | 650.3  | 652.0  | 650.3  | 644.2  | 635.0  | 621.4  | 606.4  | 592.4  | 581.6  |
| 55°    | 600.8  | 613.8  | 621.0  | 623.6  | 621.0  | 613.8  | 600.8  | 585.9  | 571.5  | 553.9  | 538.3  |
| 57.5°  | 568.5  | 580.5  | 588.8  | 590.8  | 588.8  | 580.5  | 568.5  | 551.0  | 532.5  | 513.7  | 497.1  |
| 60°    | 543.6  | 556.5  | 567.0  | 568.9  | 567.0  | 556.5  | 543.6  | 525.9  | 506.5  | 488.2  | 467.4  |
| 62.5°  | 518.0  | 531.6  | 541.0  | 546.0  | 541.0  | 531.6  | 518.0  | 499.4  | 478.3  | 458.0  | 437.2  |
| 65°    | 473.9  | 487.5  | 496.7  | 498.6  | 496.7  | 487.5  | 473.9  | 455.7  | 433.5  | 412.1  | 394.4  |
| 67.5°  | 425.7  | 439.4  | 445.4  | 449.1  | 445.4  | 439.4  | 425.7  | 408.5  | 386.7  | 364.4  | 344.5  |
| 70°    | 391.8  | 402.9  | 409.4  | 412.7  | 409.4  | 402.9  | 391.8  | 373.7  | 355.4  | 332.6  | 311.1  |
| 72.5°  | 353.4  | 364.9  | 372.5  | 373.1  | 372.5  | 364.9  | 353.4  | 337.7  | 318.5  | 297.3  | 278.3  |
| 75°    | 294.2  | 304.7  | 308.5  | 308.5  | 308.5  | 304.7  | 294.2  | 279.2  | 263.7  | 246.7  | 227.8  |
| 77.5°  | 232.9  | 238.2  | 243.2  | 244.3  | 243.2  | 238.2  | 232.9  | 222.1  | 209.2  | 192.3  | 178.1  |
| 80°    | 193.3  | 196.6  | 200.5  | 200.5  | 200.5  | 196.6  | 193.3  | 183.6  | 171.2  | 156.9  | 145.8  |
| 82.5°  | 152.7  | 155.5  | 159.4  | 158.8  | 159.4  | 155.5  | 152.7  | 145.0  | 134.8  | 125.1  | 115.1  |
| 85°    | 92.5   | 98.3   | 97.7   | 96.4   | 97.7   | 98.3   | 92.5   | 93.8   | 84.0   | 77.5   | 68.3   |
| 87.5°  | 48.7   | 49.3   | 51.0   | 52.2   | 51.0   | 49.3   | 48.7   | 47.0   | 42.2   | 39.2   | 36.8   |
| 90°    | 35.2   | 35.8   | 36.4   | 36.9   | 36.4   | 35.8   | 35.2   | 34.7   | 33.6   | 32.0   | 30.3   |
| 92.5°  | 53.6   | 53.9   | 54.2   | 54.5   | 54.2   | 53.9   | 53.6   | 53.2   | 52.6   | 51.6   | 50.6   |
| 95°    | 97.1   | 97.1   | 97.1   | 97.1   | 97.1   | 97.1   | 97.1   | 97.1   | 96.7   | 95.9   | 95.1   |
| 97.5°  | 152.2  | 152.2  | 152.2  | 152.2  | 152.2  | 152.2  | 152.2  | 152.2  | 151.7  | 150.7  | 149.8  |
| 100°   | 190.5  | 190.5  | 190.5  | 190.5  | 190.5  | 190.5  | 190.5  | 190.5  | 190.3  | 189.7  | 189.1  |
| 102.5° | 233.2  | 233.4  | 233.6  | 233.8  | 233.6  | 233.4  | 233.2  | 232.9  | 232.4  | 231.7  | 230.9  |
| 105°   | 297.5  | 298.3  | 299.1  | 299.9  | 299.1  | 298.3  | 297.5  | 296.7  | 295.9  | 295.1  | 294.2  |
| 107.5° | 364.5  | 364.5  | 364.4  | 364.4  | 364.4  | 364.5  | 364.5  | 364.6  | 364.3  | 363.5  | 362.7  |
| 110°   | 408.1  | 409.0  | 409.8  | 410.6  | 409.8  | 409.0  | 408.1  | 407.3  | 407.2  | 407.7  | 408.3  |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 457.3  | 457.5  | 457.6  | 457.8  | 457.6  | 457.5  | 457.3  | 457.1  | 457.1  | 457.2  | 457.3  |
| 115°   | 531.9  | 531.7  | 531.3  | 531.1  | 531.3  | 531.7  | 531.9  | 532.1  | 532.5  | 532.7  | 533.0  |
| 117.5° | 602.5  | 602.0  | 601.4  | 600.9  | 601.4  | 602.0  | 602.5  | 603.1  | 603.8  | 604.8  | 605.7  |
| 120°   | 652.4  | 652.9  | 653.5  | 654.0  | 653.5  | 652.9  | 652.4  | 651.8  | 652.2  | 653.6  | 654.9  |
| 122.5° | 701.2  | 700.3  | 699.3  | 698.3  | 699.3  | 700.3  | 701.2  | 702.2  | 703.2  | 704.1  | 705.0  |
| 125°   | 776.1  | 775.6  | 775.0  | 774.5  | 775.0  | 775.6  | 776.1  | 776.7  | 777.2  | 777.8  | 778.3  |
| 127.5° | 846.4  | 846.0  | 845.5  | 845.1  | 845.5  | 846.0  | 846.4  | 846.8  | 847.3  | 847.8  | 848.4  |
| 130°   | 894.5  | 893.5  | 892.3  | 891.3  | 892.3  | 893.5  | 894.5  | 895.6  | 896.4  | 897.0  | 897.6  |
| 132.5° | 941.8  | 941.3  | 940.9  | 940.4  | 940.9  | 941.3  | 941.8  | 942.2  | 942.6  | 943.2  | 943.8  |
| 135°   | 1010.5 | 1009.7 | 1008.9 | 1008.0 | 1008.9 | 1009.7 | 1010.5 | 1011.3 | 1012.0 | 1012.6 | 1013.1 |
| 137.5° | 1078.6 | 1078.8 | 1079.0 | 1079.1 | 1079.0 | 1078.8 | 1078.6 | 1078.5 | 1078.7 | 1079.5 | 1080.2 |
| 140°   | 1123.2 | 1122.9 | 1122.7 | 1122.4 | 1122.7 | 1122.9 | 1123.2 | 1123.5 | 1123.7 | 1124.1 | 1124.3 |
| 142.5° | 1165.8 | 1165.8 | 1165.7 | 1165.6 | 1165.7 | 1165.8 | 1165.8 | 1165.9 | 1166.0 | 1166.0 | 1166.0 |
| 145°   | 1226.9 | 1226.0 | 1225.2 | 1224.4 | 1225.2 | 1226.0 | 1226.9 | 1227.7 | 1228.2 | 1228.5 | 1228.8 |
| 147.5° | 1284.7 | 1284.5 | 1284.2 | 1283.9 | 1284.2 | 1284.5 | 1284.7 | 1285.0 | 1285.2 | 1285.5 | 1285.7 |
| 150°   | 1321.1 | 1320.9 | 1320.6 | 1320.3 | 1320.6 | 1320.9 | 1321.1 | 1321.4 | 1321.5 | 1321.5 | 1321.5 |
| 152.5° | 1355.8 | 1355.2 | 1354.5 | 1353.7 | 1354.5 | 1355.2 | 1355.8 | 1356.6 | 1356.6 | 1355.9 | 1355.3 |
| 155°   | 1403.5 | 1402.4 | 1401.3 | 1400.2 | 1401.3 | 1402.4 | 1403.5 | 1404.6 | 1404.6 | 1403.5 | 1402.4 |
| 157.5° | 1444.5 | 1443.7 | 1442.7 | 1441.8 | 1442.7 | 1443.7 | 1444.5 | 1445.4 | 1445.5 | 1444.7 | 1443.9 |
| 160°   | 1469.5 | 1468.1 | 1466.7 | 1465.3 | 1466.7 | 1468.1 | 1469.5 | 1470.8 | 1471.1 | 1470.3 | 1469.5 |
| 162.5° | 1494.0 | 1492.7 | 1491.3 | 1490.0 | 1491.3 | 1492.7 | 1494.0 | 1495.4 | 1495.3 | 1493.9 | 1492.4 |
| 165°   | 1525.2 | 1524.1 | 1523.0 | 1521.9 | 1523.0 | 1524.1 | 1525.2 | 1526.3 | 1526.0 | 1524.4 | 1522.7 |
| 167.5° | 1549.9 | 1548.2 | 1546.5 | 1544.7 | 1546.5 | 1548.2 | 1549.9 | 1551.6 | 1551.6 | 1550.0 | 1548.3 |
| 170°   | 1563.3 | 1561.4 | 1559.5 | 1557.5 | 1559.5 | 1561.4 | 1563.3 | 1565.2 | 1565.4 | 1563.7 | 1562.1 |
| 172.5° | 1574.1 | 1572.2 | 1570.3 | 1568.4 | 1570.3 | 1572.2 | 1574.1 | 1576.1 | 1576.1 | 1574.2 | 1572.4 |
| 175°   | 1585.4 | 1583.6 | 1581.6 | 1579.7 | 1581.6 | 1583.6 | 1585.4 | 1587.4 | 1587.4 | 1585.4 | 1583.6 |
| 177.5° | 1590.8 | 1589.1 | 1587.4 | 1585.6 | 1587.4 | 1589.1 | 1590.8 | 1592.6 | 1592.7 | 1591.1 | 1589.7 |
| 180°   | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1502.1 | 1504.2 | 1512.5 | 1520.4 | 1529.7 | 1536.5 | 1541.2 | 1546.4 | 1557.3 | 1566.2 | 1574.5 |
| 5°     | 1407.4 | 1410.6 | 1427.5 | 1439.2 | 1459.4 | 1477.0 | 1490.7 | 1505.6 | 1523.2 | 1547.3 | 1569.5 |
| 7.5°   | 1323.9 | 1336.0 | 1354.5 | 1373.5 | 1394.1 | 1417.1 | 1437.1 | 1459.7 | 1490.0 | 1523.1 | 1557.2 |
| 10°    | 1276.5 | 1290.2 | 1309.7 | 1331.9 | 1351.4 | 1378.0 | 1402.8 | 1429.5 | 1464.0 | 1504.3 | 1544.7 |
| 12.5°  | 1229.1 | 1251.6 | 1266.5 | 1292.7 | 1313.9 | 1335.9 | 1362.2 | 1397.2 | 1437.5 | 1479.8 | 1528.5 |
| 15°    | 1169.7 | 1182.1 | 1210.7 | 1225.1 | 1255.0 | 1288.9 | 1314.9 | 1350.1 | 1389.1 | 1445.1 | 1499.7 |
| 17.5°  | 1101.3 | 1117.5 | 1140.4 | 1167.7 | 1202.0 | 1228.5 | 1260.9 | 1297.1 | 1346.3 | 1401.9 | 1470.4 |
| 20°    | 1056.5 | 1070.2 | 1098.1 | 1128.0 | 1164.6 | 1192.5 | 1227.0 | 1262.2 | 1313.0 | 1372.2 | 1443.8 |
| 22.5°  | 1016.4 | 1029.6 | 1059.1 | 1087.0 | 1122.3 | 1156.6 | 1192.6 | 1233.5 | 1282.2 | 1344.6 | 1417.7 |
| 25°    | 954.3  | 971.8  | 997.9  | 1026.5 | 1060.4 | 1099.4 | 1138.5 | 1174.9 | 1227.0 | 1292.7 | 1370.9 |
| 27.5°  | 899.2  | 913.3  | 932.1  | 964.7  | 1003.1 | 1040.9 | 1079.6 | 1125.5 | 1175.5 | 1245.0 | 1326.1 |
| 30°    | 863.8  | 876.9  | 895.7  | 925.6  | 961.5  | 1001.8 | 1042.2 | 1086.4 | 1138.5 | 1207.5 | 1290.2 |
| 32.5°  | 835.7  | 845.5  | 862.3  | 889.2  | 921.9  | 964.3  | 1004.1 | 1049.9 | 1104.6 | 1172.6 | 1253.2 |
| 35°    | 794.2  | 802.6  | 809.1  | 834.5  | 863.8  | 902.9  | 943.2  | 992.1  | 1044.8 | 1109.2 | 1189.9 |
| 37.5°  | 753.4  | 756.3  | 765.8  | 782.4  | 810.8  | 846.8  | 884.3  | 932.3  | 986.3  | 1051.8 | 1124.5 |
| 40°    | 728.4  | 729.7  | 735.6  | 751.2  | 775.9  | 809.8  | 846.2  | 893.7  | 945.2  | 1007.0 | 1079.3 |
| 42.5°  | 703.9  | 703.1  | 708.5  | 719.4  | 742.6  | 773.3  | 809.3  | 852.6  | 904.0  | 961.2  | 1029.2 |
| 45°    | 665.3  | 665.3  | 664.0  | 673.1  | 691.9  | 721.9  | 751.9  | 793.5  | 836.5  | 892.4  | 949.7  |
| 47.5°  | 624.9  | 621.3  | 622.4  | 627.1  | 643.0  | 667.6  | 697.8  | 731.9  | 769.8  | 817.2  | 867.5  |
| 50°    | 598.8  | 593.7  | 591.7  | 596.9  | 611.2  | 632.8  | 661.4  | 691.3  | 727.1  | 768.7  | 811.7  |
| 52.5°  | 570.2  | 565.0  | 561.5  | 565.2  | 578.5  | 598.3  | 624.4  | 650.7  | 682.8  | 716.7  | 753.9  |
| 55°    | 525.9  | 520.1  | 518.1  | 519.4  | 529.2  | 544.9  | 567.0  | 591.1  | 615.1  | 643.1  | 669.2  |
| 57.5°  | 482.3  | 472.7  | 470.9  | 470.3  | 477.0  | 491.3  | 509.8  | 530.7  | 548.2  | 565.2  | 592.9  |
| 60°    | 453.7  | 442.0  | 438.1  | 437.4  | 442.6  | 454.4  | 471.2  | 492.1  | 504.5  | 516.2  | 540.3  |
| 62.5°  | 423.0  | 411.8  | 403.2  | 404.1  | 408.8  | 420.0  | 434.8  | 450.0  | 458.1  | 470.9  | 487.1  |
| 65°    | 375.6  | 361.3  | 354.7  | 352.8  | 355.4  | 364.5  | 376.3  | 386.0  | 395.1  | 400.3  | 416.0  |
| 67.5°  | 328.2  | 316.3  | 306.6  | 304.3  | 303.0  | 309.3  | 318.9  | 324.8  | 331.3  | 335.9  | 345.1  |
| 70°    | 294.9  | 284.5  | 272.7  | 268.8  | 268.2  | 273.4  | 282.5  | 283.2  | 292.3  | 294.2  | 304.0  |
| 72.5°  | 262.0  | 249.1  | 241.0  | 237.1  | 234.3  | 239.0  | 245.0  | 246.7  | 251.7  | 255.2  | 260.2  |
| 75°    | 210.9  | 201.1  | 193.3  | 187.4  | 185.5  | 188.1  | 188.1  | 191.4  | 194.6  | 196.6  | 202.4  |
| 77.5°  | 166.0  | 154.8  | 145.5  | 142.2  | 139.8  | 138.1  | 139.6  | 141.5  | 140.0  | 143.3  | 144.6  |
| 80°    | 134.8  | 123.0  | 115.9  | 114.5  | 110.6  | 107.4  | 106.7  | 108.7  | 106.1  | 107.4  | 111.3  |
| 82.5°  | 104.0  | 96.4   | 88.8   | 87.5   | 82.5   | 80.9   | 80.2   | 79.0   | 79.0   | 78.8   | 79.6   |
| 85°    | 61.8   | 57.3   | 52.1   | 48.8   | 46.9   | 43.6   | 43.6   | 42.3   | 41.0   | 39.7   | 40.4   |
| 87.5°  | 30.7   | 29.4   | 26.3   | 24.3   | 22.8   | 20.3   | 19.8   | 17.6   | 16.6   | 15.4   | 14.3   |
| 90°    | 28.7   | 27.1   | 24.9   | 22.7   | 20.5   | 18.3   | 15.7   | 12.7   | 9.7    | 6.7    | 3.7    |
| 92.5°  | 49.7   | 48.7   | 47.1   | 45.7   | 44.1   | 42.6   | 40.1   | 36.6   | 33.2   | 29.8   | 26.3   |
| 95°    | 94.2   | 93.4   | 91.6   | 89.6   | 87.7   | 85.8   | 83.6   | 81.1   | 78.7   | 76.2   | 73.8   |
| 97.5°  | 148.7  | 147.7  | 145.5  | 143.2  | 141.0  | 138.8  | 136.7  | 134.8  | 132.7  | 130.8  | 128.8  |
| 100°   | 188.7  | 188.1  | 185.6  | 183.2  | 180.8  | 178.2  | 176.5  | 175.4  | 174.3  | 173.2  | 172.1  |
| 102.5° | 230.2  | 229.4  | 227.1  | 224.9  | 222.7  | 220.5  | 219.1  | 218.7  | 218.3  | 217.8  | 217.4  |
| 105°   | 293.4  | 292.6  | 291.5  | 290.4  | 289.3  | 288.2  | 287.6  | 287.2  | 287.0  | 286.7  | 286.4  |
| 107.5° | 361.9  | 361.2  | 361.0  | 360.9  | 360.7  | 360.5  | 360.3  | 360.0  | 359.6  | 359.3  | 359.0  |
| 110°   | 408.8  | 409.4  | 409.6  | 409.9  | 410.2  | 410.5  | 410.3  | 409.8  | 409.2  | 408.7  | 408.1  |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 457.5  | 457.5  | 458.0  | 458.5  | 459.0  | 459.5  | 459.7  | 459.6  | 459.5  | 459.4  | 459.3  |
| 115°   | 533.3  | 533.5  | 534.1  | 534.6  | 535.2  | 535.7  | 536.0  | 536.0  | 536.0  | 536.0  | 536.0  |
| 117.5° | 606.6  | 607.6  | 607.9  | 608.3  | 608.7  | 609.1  | 609.2  | 608.9  | 608.7  | 608.5  | 608.3  |
| 120°   | 656.3  | 657.7  | 658.5  | 659.3  | 660.1  | 661.0  | 660.8  | 659.7  | 658.7  | 657.5  | 656.5  |
| 122.5° | 706.0  | 706.9  | 707.3  | 707.6  | 708.0  | 708.4  | 708.3  | 707.9  | 707.5  | 707.0  | 706.6  |
| 125°   | 778.9  | 779.4  | 779.7  | 779.9  | 780.2  | 780.5  | 780.6  | 780.6  | 780.6  | 780.6  | 780.6  |
| 127.5° | 848.9  | 849.5  | 849.9  | 850.4  | 850.8  | 851.3  | 851.0  | 850.2  | 849.4  | 848.6  | 847.7  |
| 130°   | 898.1  | 898.6  | 898.6  | 898.6  | 898.6  | 898.6  | 898.2  | 897.4  | 896.6  | 895.8  | 895.0  |
| 132.5° | 944.4  | 944.9  | 945.1  | 945.3  | 945.5  | 945.7  | 945.6  | 944.9  | 944.4  | 943.8  | 943.1  |
| 135°   | 1013.7 | 1014.2 | 1014.2 | 1014.2 | 1014.2 | 1014.2 | 1013.4 | 1011.8 | 1010.1 | 1008.4 | 1006.8 |
| 137.5° | 1080.8 | 1081.6 | 1081.2 | 1080.7 | 1080.3 | 1079.9 | 1079.2 | 1078.5 | 1077.7 | 1076.9 | 1076.2 |
| 140°   | 1124.5 | 1124.9 | 1124.9 | 1124.9 | 1124.9 | 1124.9 | 1124.5 | 1124.1 | 1123.5 | 1122.9 | 1122.4 |
| 142.5° | 1166.1 | 1166.1 | 1166.4 | 1166.6 | 1166.8 | 1167.0 | 1166.9 | 1166.3 | 1165.8 | 1165.2 | 1164.7 |
| 145°   | 1229.1 | 1229.3 | 1229.1 | 1228.8 | 1228.5 | 1228.2 | 1227.6 | 1226.5 | 1225.4 | 1224.3 | 1223.2 |
| 147.5° | 1285.9 | 1286.1 | 1286.4 | 1286.5 | 1286.8 | 1287.0 | 1286.5 | 1285.2 | 1283.9 | 1282.5 | 1281.2 |
| 150°   | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.0 | 1319.9 | 1318.8 | 1317.7 | 1316.6 |
| 152.5° | 1354.6 | 1354.0 | 1353.8 | 1353.6 | 1353.3 | 1353.2 | 1352.7 | 1352.0 | 1351.4 | 1350.7 | 1350.1 |
| 155°   | 1401.3 | 1400.2 | 1400.5 | 1400.8 | 1401.0 | 1401.3 | 1401.4 | 1401.4 | 1401.4 | 1401.4 | 1401.4 |
| 157.5° | 1443.1 | 1442.3 | 1442.3 | 1442.3 | 1442.4 | 1442.5 | 1442.8 | 1443.2 | 1443.7 | 1444.2 | 1444.7 |
| 160°   | 1468.7 | 1467.9 | 1468.1 | 1468.4 | 1468.7 | 1468.9 | 1469.2 | 1469.5 | 1469.7 | 1470.0 | 1470.3 |
| 162.5° | 1490.9 | 1489.5 | 1489.7 | 1490.0 | 1490.3 | 1490.5 | 1491.0 | 1491.8 | 1492.5 | 1493.2 | 1493.9 |
| 165°   | 1521.1 | 1519.5 | 1520.0 | 1520.5 | 1521.1 | 1521.7 | 1522.3 | 1523.1 | 1524.0 | 1524.8 | 1525.6 |
| 167.5° | 1546.7 | 1545.1 | 1545.0 | 1544.9 | 1544.9 | 1544.8 | 1545.4 | 1546.5 | 1547.7 | 1548.8 | 1550.0 |
| 170°   | 1560.4 | 1558.8 | 1558.5 | 1558.3 | 1558.0 | 1557.7 | 1558.3 | 1559.6 | 1561.0 | 1562.4 | 1563.7 |
| 172.5° | 1570.5 | 1568.6 | 1568.6 | 1568.6 | 1568.5 | 1568.4 | 1569.0 | 1570.1 | 1571.2 | 1572.4 | 1573.5 |
| 175°   | 1581.6 | 1579.7 | 1580.0 | 1580.2 | 1580.5 | 1580.8 | 1581.6 | 1583.0 | 1584.4 | 1585.7 | 1587.1 |
| 177.5° | 1588.1 | 1586.6 | 1586.6 | 1586.6 | 1586.6 | 1586.6 | 1587.1 | 1588.2 | 1589.3 | 1590.4 | 1591.5 |
| 180°   | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 |



TEST NUMBER: P332860-930

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**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1581.8 | 1587.0 | 1593.7 | 1605.2 | 1609.4 | 1614.6 | 1621.9 | 1621.4 | 1623.4 | 1631.3 | 1648.0 |
| 5°     | 1587.6 | 1607.9 | 1627.3 | 1650.8 | 1675.5 | 1691.8 | 1713.9 | 1727.6 | 1741.3 | 1758.8 | 1788.8 |
| 7.5°   | 1590.0 | 1622.0 | 1657.8 | 1699.0 | 1735.5 | 1777.8 | 1810.7 | 1841.7 | 1869.6 | 1906.7 | 1942.5 |
| 10°    | 1586.3 | 1629.3 | 1675.5 | 1727.6 | 1782.9 | 1829.8 | 1872.1 | 1920.3 | 1961.3 | 2006.2 | 2046.6 |
| 12.5°  | 1579.6 | 1631.4 | 1693.2 | 1751.6 | 1816.2 | 1885.5 | 1938.3 | 1987.0 | 2041.5 | 2093.2 | 2155.4 |
| 15°    | 1564.2 | 1635.2 | 1707.4 | 1784.2 | 1870.8 | 1950.8 | 2027.1 | 2090.2 | 2148.8 | 2226.3 | 2307.6 |
| 17.5°  | 1544.7 | 1621.2 | 1712.4 | 1805.3 | 1895.8 | 1987.4 | 2081.6 | 2176.5 | 2250.5 | 2346.7 | 2410.4 |
| 20°    | 1526.5 | 1615.0 | 1708.7 | 1819.4 | 1909.8 | 2023.8 | 2117.5 | 2209.3 | 2310.9 | 2406.5 | 2482.7 |
| 22.5°  | 1501.0 | 1597.8 | 1697.3 | 1807.4 | 1926.6 | 2040.4 | 2148.8 | 2248.4 | 2349.9 | 2454.0 | 2546.3 |
| 25°    | 1468.5 | 1556.4 | 1674.2 | 1799.2 | 1917.7 | 2041.3 | 2165.7 | 2290.7 | 2400.0 | 2510.1 | 2596.0 |
| 27.5°  | 1413.3 | 1524.3 | 1634.0 | 1763.0 | 1894.7 | 2034.6 | 2167.6 | 2298.3 | 2413.0 | 2503.4 | 2556.6 |
| 30°    | 1385.2 | 1481.6 | 1600.7 | 1730.2 | 1872.7 | 2023.2 | 2161.8 | 2290.0 | 2396.8 | 2469.1 | 2490.5 |
| 32.5°  | 1343.5 | 1443.0 | 1559.5 | 1693.8 | 1844.6 | 1999.2 | 2143.6 | 2264.5 | 2353.5 | 2391.4 | 2365.5 |
| 35°    | 1281.7 | 1371.6 | 1489.4 | 1626.7 | 1783.5 | 1948.2 | 2090.8 | 2193.0 | 2238.6 | 2202.8 | 2113.6 |
| 37.5°  | 1207.5 | 1296.6 | 1414.9 | 1549.8 | 1712.1 | 1879.5 | 2008.4 | 2081.9 | 2066.9 | 1977.8 | 1844.9 |
| 40°    | 1155.4 | 1238.8 | 1351.4 | 1497.1 | 1655.4 | 1823.3 | 1936.6 | 1976.3 | 1934.6 | 1807.0 | 1665.7 |
| 42.5°  | 1097.6 | 1178.8 | 1292.0 | 1432.6 | 1600.2 | 1755.1 | 1853.7 | 1857.0 | 1787.2 | 1634.7 | 1492.9 |
| 45°    | 1009.6 | 1087.0 | 1193.8 | 1340.3 | 1495.3 | 1641.0 | 1706.1 | 1674.2 | 1545.3 | 1398.2 | 1255.6 |
| 47.5°  | 922.8  | 989.9  | 1095.1 | 1234.2 | 1381.3 | 1504.1 | 1536.4 | 1479.0 | 1341.6 | 1198.8 | 1066.7 |
| 50°    | 859.2  | 926.9  | 1025.9 | 1158.7 | 1300.6 | 1406.7 | 1422.3 | 1346.1 | 1211.4 | 1067.6 | 964.0  |
| 52.5°  | 798.3  | 865.5  | 960.8  | 1083.7 | 1213.7 | 1309.3 | 1309.9 | 1221.7 | 1087.4 | 959.2  | 863.0  |
| 55°    | 708.9  | 769.4  | 855.3  | 965.3  | 1081.2 | 1156.1 | 1137.8 | 1046.7 | 930.2  | 818.9  | 734.9  |
| 57.5°  | 622.7  | 675.4  | 754.6  | 846.4  | 948.4  | 1010.2 | 979.9  | 892.2  | 788.1  | 693.7  | 630.1  |
| 60°    | 567.0  | 617.1  | 684.8  | 771.4  | 857.3  | 905.5  | 876.9  | 797.4  | 701.7  | 625.6  | 570.2  |
| 62.5°  | 512.8  | 555.1  | 620.2  | 695.4  | 775.0  | 810.7  | 785.1  | 706.8  | 624.1  | 555.2  | 510.4  |
| 65°    | 436.1  | 470.7  | 522.7  | 587.2  | 645.1  | 675.7  | 654.2  | 581.3  | 518.1  | 468.7  | 432.8  |
| 67.5°  | 364.5  | 391.5  | 430.9  | 482.6  | 531.8  | 548.4  | 528.8  | 478.1  | 424.5  | 385.0  | 359.7  |
| 70°    | 315.0  | 340.5  | 373.7  | 413.4  | 456.3  | 473.9  | 454.4  | 414.0  | 370.4  | 333.9  | 309.2  |
| 72.5°  | 271.8  | 291.5  | 319.5  | 353.4  | 387.0  | 404.6  | 391.3  | 352.5  | 315.7  | 288.6  | 267.5  |
| 75°    | 207.0  | 224.0  | 243.4  | 267.5  | 293.6  | 305.3  | 293.6  | 266.8  | 241.5  | 221.4  | 206.4  |
| 77.5°  | 150.5  | 159.6  | 174.7  | 192.7  | 209.0  | 217.9  | 207.8  | 189.7  | 174.2  | 160.4  | 153.0  |
| 80°    | 114.5  | 121.1  | 131.5  | 145.8  | 156.9  | 165.3  | 158.8  | 143.8  | 131.5  | 122.4  | 119.1  |
| 82.5°  | 83.3   | 87.7   | 94.5   | 105.2  | 112.6  | 116.9  | 114.1  | 103.2  | 98.2   | 90.1   | 86.8   |
| 85°    | 41.0   | 43.6   | 48.2   | 51.4   | 58.0   | 58.6   | 59.3   | 54.7   | 50.1   | 48.2   | 45.6   |
| 87.5°  | 15.4   | 16.6   | 18.7   | 20.9   | 23.5   | 24.4   | 24.3   | 24.8   | 23.2   | 22.9   | 21.2   |
| 90°    | 6.7    | 9.7    | 12.7   | 15.7   | 18.3   | 20.5   | 22.7   | 24.9   | 27.1   | 28.7   | 30.3   |
| 92.5°  | 29.8   | 33.2   | 36.6   | 40.1   | 42.6   | 44.1   | 45.7   | 47.1   | 48.7   | 49.7   | 50.6   |
| 95°    | 76.2   | 78.7   | 81.1   | 83.6   | 85.8   | 87.7   | 89.6   | 91.6   | 93.4   | 94.2   | 95.1   |
| 97.5°  | 130.8  | 132.7  | 134.8  | 136.7  | 138.8  | 141.0  | 143.2  | 145.5  | 147.7  | 148.7  | 149.8  |
| 100°   | 173.2  | 174.3  | 175.4  | 176.5  | 178.2  | 180.8  | 183.2  | 185.6  | 188.1  | 188.7  | 189.1  |
| 102.5° | 217.8  | 218.3  | 218.7  | 219.1  | 220.5  | 222.7  | 224.9  | 227.1  | 229.4  | 230.2  | 230.9  |
| 105°   | 286.7  | 287.0  | 287.2  | 287.6  | 288.2  | 289.3  | 290.4  | 291.5  | 292.6  | 293.4  | 294.2  |
| 107.5° | 359.3  | 359.6  | 360.0  | 360.3  | 360.5  | 360.7  | 360.9  | 361.0  | 361.2  | 361.9  | 362.7  |
| 110°   | 408.7  | 409.2  | 409.8  | 410.3  | 410.5  | 410.2  | 409.9  | 409.6  | 409.4  | 408.8  | 408.3  |





TEST NUMBER: P332860-930

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**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 459.4  | 459.5  | 459.6  | 459.7  | 459.5  | 459.0  | 458.5  | 458.0  | 457.5  | 457.5  | 457.3  |
| 115°   | 536.0  | 536.0  | 536.0  | 536.0  | 535.7  | 535.2  | 534.6  | 534.1  | 533.5  | 533.3  | 533.0  |
| 117.5° | 608.5  | 608.7  | 608.9  | 609.2  | 609.1  | 608.7  | 608.3  | 607.9  | 607.6  | 606.6  | 605.7  |
| 120°   | 657.5  | 658.7  | 659.7  | 660.8  | 661.0  | 660.1  | 659.3  | 658.5  | 657.7  | 656.3  | 654.9  |
| 122.5° | 707.0  | 707.5  | 707.9  | 708.3  | 708.4  | 708.0  | 707.6  | 707.3  | 706.9  | 706.0  | 705.0  |
| 125°   | 780.6  | 780.6  | 780.6  | 780.6  | 780.5  | 780.2  | 779.9  | 779.7  | 779.4  | 778.9  | 778.3  |
| 127.5° | 848.6  | 849.4  | 850.2  | 851.0  | 851.3  | 850.8  | 850.4  | 849.9  | 849.5  | 848.9  | 848.4  |
| 130°   | 895.8  | 896.6  | 897.4  | 898.2  | 898.6  | 898.6  | 898.6  | 898.6  | 898.6  | 898.1  | 897.6  |
| 132.5° | 943.8  | 944.4  | 944.9  | 945.6  | 945.7  | 945.5  | 945.3  | 945.1  | 944.9  | 944.4  | 943.8  |
| 135°   | 1008.4 | 1010.1 | 1011.8 | 1013.4 | 1014.2 | 1014.2 | 1014.2 | 1014.2 | 1014.2 | 1013.7 | 1013.1 |
| 137.5° | 1076.9 | 1077.7 | 1078.5 | 1079.2 | 1079.9 | 1080.3 | 1080.7 | 1081.2 | 1081.6 | 1080.8 | 1080.2 |
| 140°   | 1122.9 | 1123.5 | 1124.1 | 1124.5 | 1124.9 | 1124.9 | 1124.9 | 1124.9 | 1124.9 | 1124.5 | 1124.3 |
| 142.5° | 1165.2 | 1165.8 | 1166.3 | 1166.9 | 1167.0 | 1166.8 | 1166.6 | 1166.4 | 1166.1 | 1166.1 | 1166.0 |
| 145°   | 1224.3 | 1225.4 | 1226.5 | 1227.6 | 1228.2 | 1228.5 | 1228.8 | 1229.1 | 1229.3 | 1229.1 | 1228.8 |
| 147.5° | 1282.5 | 1283.9 | 1285.2 | 1286.5 | 1287.0 | 1286.8 | 1286.5 | 1286.4 | 1286.1 | 1285.9 | 1285.7 |
| 150°   | 1317.7 | 1318.8 | 1319.9 | 1321.0 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.5 | 1321.5 |
| 152.5° | 1350.7 | 1351.4 | 1352.0 | 1352.7 | 1353.2 | 1353.3 | 1353.6 | 1353.8 | 1354.0 | 1354.6 | 1355.3 |
| 155°   | 1401.4 | 1401.4 | 1401.4 | 1401.4 | 1401.3 | 1401.0 | 1400.8 | 1400.5 | 1400.2 | 1401.3 | 1402.4 |
| 157.5° | 1444.2 | 1443.7 | 1443.2 | 1442.8 | 1442.5 | 1442.4 | 1442.3 | 1442.3 | 1442.3 | 1443.1 | 1443.9 |
| 160°   | 1470.0 | 1469.7 | 1469.5 | 1469.2 | 1468.9 | 1468.7 | 1468.4 | 1468.1 | 1467.9 | 1468.7 | 1469.5 |
| 162.5° | 1493.2 | 1492.5 | 1491.8 | 1491.0 | 1490.5 | 1490.3 | 1490.0 | 1489.7 | 1489.5 | 1490.9 | 1492.4 |
| 165°   | 1524.8 | 1524.0 | 1523.1 | 1522.3 | 1521.7 | 1521.1 | 1520.5 | 1520.0 | 1519.5 | 1521.1 | 1522.7 |
| 167.5° | 1548.8 | 1547.7 | 1546.5 | 1545.4 | 1544.8 | 1544.9 | 1544.9 | 1545.0 | 1545.1 | 1546.7 | 1548.3 |
| 170°   | 1562.4 | 1561.0 | 1559.6 | 1558.3 | 1557.7 | 1558.0 | 1558.3 | 1558.5 | 1558.8 | 1560.4 | 1562.1 |
| 172.5° | 1572.4 | 1571.2 | 1570.1 | 1569.0 | 1568.4 | 1568.5 | 1568.6 | 1568.6 | 1568.6 | 1570.5 | 1572.4 |
| 175°   | 1585.7 | 1584.4 | 1583.0 | 1581.6 | 1580.8 | 1580.5 | 1580.2 | 1580.0 | 1579.7 | 1581.6 | 1583.6 |
| 177.5° | 1590.4 | 1589.3 | 1588.2 | 1587.1 | 1586.6 | 1586.6 | 1586.6 | 1586.6 | 1586.6 | 1588.1 | 1589.7 |
| 180°   | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1656.3 | 1657.3 | 1662.0 | 1665.7 | 1666.7 | 1671.9 | 1672.4 |
| 5°     | 1801.8 | 1812.9 | 1834.3 | 1836.3 | 1839.6 | 1856.5 | 1843.5 |
| 7.5°   | 1972.4 | 2000.5 | 2019.3 | 2035.8 | 2041.8 | 2049.2 | 2047.6 |
| 10°    | 2081.7 | 2123.4 | 2144.2 | 2177.4 | 2178.7 | 2187.2 | 2182.0 |
| 12.5°  | 2191.6 | 2240.0 | 2278.0 | 2284.1 | 2312.0 | 2316.3 | 2323.6 |
| 15°    | 2347.3 | 2398.7 | 2451.4 | 2470.4 | 2508.8 | 2517.9 | 2532.2 |
| 17.5°  | 2493.7 | 2546.3 | 2583.2 | 2632.0 | 2647.8 | 2668.9 | 2654.5 |
| 20°    | 2573.8 | 2631.1 | 2678.0 | 2716.4 | 2732.6 | 2744.4 | 2743.1 |
| 22.5°  | 2622.2 | 2680.1 | 2718.0 | 2747.2 | 2762.3 | 2767.3 | 2767.0 |
| 25°    | 2652.6 | 2685.8 | 2697.5 | 2708.6 | 2691.6 | 2685.8 | 2688.4 |
| 27.5°  | 2568.3 | 2559.6 | 2529.1 | 2488.9 | 2447.3 | 2414.2 | 2396.2 |
| 30°    | 2452.1 | 2401.3 | 2355.2 | 2274.4 | 2232.8 | 2208.0 | 2185.9 |
| 32.5°  | 2287.6 | 2207.1 | 2118.1 | 2044.2 | 1996.8 | 1960.1 | 1954.7 |
| 35°    | 2005.6 | 1884.5 | 1775.8 | 1685.3 | 1638.4 | 1598.7 | 1589.6 |
| 37.5°  | 1705.1 | 1579.3 | 1481.4 | 1401.7 | 1351.4 | 1323.4 | 1297.2 |
| 40°    | 1505.6 | 1397.6 | 1301.2 | 1233.5 | 1195.1 | 1174.9 | 1158.7 |
| 42.5°  | 1352.0 | 1253.4 | 1157.5 | 1106.0 | 1071.2 | 1058.8 | 1049.3 |
| 45°    | 1139.8 | 1048.0 | 981.6  | 942.6  | 922.3  | 901.6  | 891.8  |
| 47.5°  | 969.9  | 895.2  | 851.4  | 818.2  | 796.6  | 784.2  | 778.0  |
| 50°    | 873.6  | 812.4  | 773.3  | 748.0  | 728.4  | 718.6  | 713.5  |
| 52.5°  | 788.1  | 737.9  | 705.1  | 684.9  | 671.6  | 664.5  | 662.4  |
| 55°    | 678.9  | 640.5  | 619.7  | 602.1  | 592.4  | 585.9  | 583.3  |
| 57.5°  | 590.1  | 560.6  | 543.6  | 529.2  | 525.5  | 520.0  | 518.1  |
| 60°    | 531.8  | 509.1  | 494.7  | 484.9  | 481.7  | 475.2  | 476.5  |
| 62.5°  | 480.3  | 461.6  | 449.4  | 443.8  | 439.5  | 434.1  | 435.9  |
| 65°    | 406.2  | 392.5  | 386.0  | 380.8  | 375.6  | 372.3  | 375.0  |
| 67.5°  | 340.8  | 331.5  | 322.6  | 319.6  | 317.0  | 316.5  | 313.7  |
| 70°    | 298.2  | 290.3  | 282.5  | 280.5  | 280.5  | 277.9  | 277.3  |
| 72.5°  | 257.0  | 251.3  | 246.1  | 244.6  | 242.6  | 243.6  | 240.8  |
| 75°    | 198.5  | 194.0  | 192.0  | 190.0  | 189.4  | 189.4  | 187.4  |
| 77.5°  | 146.8  | 143.3  | 140.2  | 140.2  | 137.9  | 137.0  | 136.7  |
| 80°    | 111.3  | 110.0  | 107.4  | 107.4  | 106.1  | 106.7  | 105.4  |
| 82.5°  | 83.7   | 81.9   | 81.4   | 80.3   | 78.5   | 78.6   | 77.4   |
| 85°    | 44.9   | 43.0   | 42.3   | 40.4   | 39.1   | 40.4   | 39.1   |
| 87.5°  | 22.0   | 21.9   | 21.5   | 20.6   | 20.1   | 20.3   | 18.8   |
| 90°    | 32.0   | 33.6   | 34.7   | 35.2   | 35.8   | 36.4   | 36.9   |
| 92.5°  | 51.6   | 52.6   | 53.2   | 53.6   | 53.9   | 54.2   | 54.5   |
| 95°    | 95.9   | 96.7   | 97.1   | 97.1   | 97.1   | 97.1   | 97.1   |
| 97.5°  | 150.7  | 151.7  | 152.2  | 152.2  | 152.2  | 152.2  | 152.2  |
| 100°   | 189.7  | 190.3  | 190.5  | 190.5  | 190.5  | 190.5  | 190.5  |
| 102.5° | 231.7  | 232.4  | 232.9  | 233.2  | 233.4  | 233.6  | 233.8  |
| 105°   | 295.1  | 295.9  | 296.7  | 297.5  | 298.3  | 299.1  | 299.9  |
| 107.5° | 363.5  | 364.3  | 364.6  | 364.5  | 364.5  | 364.4  | 364.4  |
| 110°   | 407.7  | 407.2  | 407.3  | 408.1  | 409.0  | 409.8  | 410.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 457.2  | 457.1  | 457.1  | 457.3  | 457.5  | 457.6  | 457.8  |
| 115°   | 532.7  | 532.5  | 532.1  | 531.9  | 531.7  | 531.3  | 531.1  |
| 117.5° | 604.8  | 603.8  | 603.1  | 602.5  | 602.0  | 601.4  | 600.9  |
| 120°   | 653.6  | 652.2  | 651.8  | 652.4  | 652.9  | 653.5  | 654.0  |
| 122.5° | 704.1  | 703.2  | 702.2  | 701.2  | 700.3  | 699.3  | 698.3  |
| 125°   | 777.8  | 777.2  | 776.7  | 776.1  | 775.6  | 775.0  | 774.5  |
| 127.5° | 847.8  | 847.3  | 846.8  | 846.4  | 846.0  | 845.5  | 845.1  |
| 130°   | 897.0  | 896.4  | 895.6  | 894.5  | 893.5  | 892.3  | 891.3  |
| 132.5° | 943.2  | 942.6  | 942.2  | 941.8  | 941.3  | 940.9  | 940.4  |
| 135°   | 1012.6 | 1012.0 | 1011.3 | 1010.5 | 1009.7 | 1008.9 | 1008.0 |
| 137.5° | 1079.5 | 1078.7 | 1078.5 | 1078.6 | 1078.8 | 1079.0 | 1079.1 |
| 140°   | 1124.1 | 1123.7 | 1123.5 | 1123.2 | 1122.9 | 1122.7 | 1122.4 |
| 142.5° | 1166.0 | 1166.0 | 1165.9 | 1165.8 | 1165.8 | 1165.7 | 1165.6 |
| 145°   | 1228.5 | 1228.2 | 1227.7 | 1226.9 | 1226.0 | 1225.2 | 1224.4 |
| 147.5° | 1285.5 | 1285.2 | 1285.0 | 1284.7 | 1284.5 | 1284.2 | 1283.9 |
| 150°   | 1321.5 | 1321.5 | 1321.4 | 1321.1 | 1320.9 | 1320.6 | 1320.3 |
| 152.5° | 1355.9 | 1356.6 | 1356.6 | 1355.8 | 1355.2 | 1354.5 | 1353.7 |
| 155°   | 1403.5 | 1404.6 | 1404.6 | 1403.5 | 1402.4 | 1401.3 | 1400.2 |
| 157.5° | 1444.7 | 1445.5 | 1445.4 | 1444.5 | 1443.7 | 1442.7 | 1441.8 |
| 160°   | 1470.3 | 1471.1 | 1470.8 | 1469.5 | 1468.1 | 1466.7 | 1465.3 |
| 162.5° | 1493.9 | 1495.3 | 1495.4 | 1494.0 | 1492.7 | 1491.3 | 1490.0 |
| 165°   | 1524.4 | 1526.0 | 1526.3 | 1525.2 | 1524.1 | 1523.0 | 1521.9 |
| 167.5° | 1550.0 | 1551.6 | 1551.6 | 1549.9 | 1548.2 | 1546.5 | 1544.7 |
| 170°   | 1563.7 | 1565.4 | 1565.2 | 1563.3 | 1561.4 | 1559.5 | 1557.5 |
| 172.5° | 1574.2 | 1576.1 | 1576.1 | 1574.1 | 1572.2 | 1570.3 | 1568.4 |
| 175°   | 1585.4 | 1587.4 | 1587.4 | 1585.4 | 1583.6 | 1581.6 | 1579.7 |
| 177.5° | 1591.1 | 1592.7 | 1592.6 | 1590.8 | 1589.1 | 1587.4 | 1585.6 |
| 180°   | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 | 1589.5 |

(END OF REPORT)