

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: P333083-840

Luminaire Tested: **S124RDIW-S1020D1050U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333083-840  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S124RDIW-S1020D1050U840-4F0-1E-UDD-A  
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1050 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

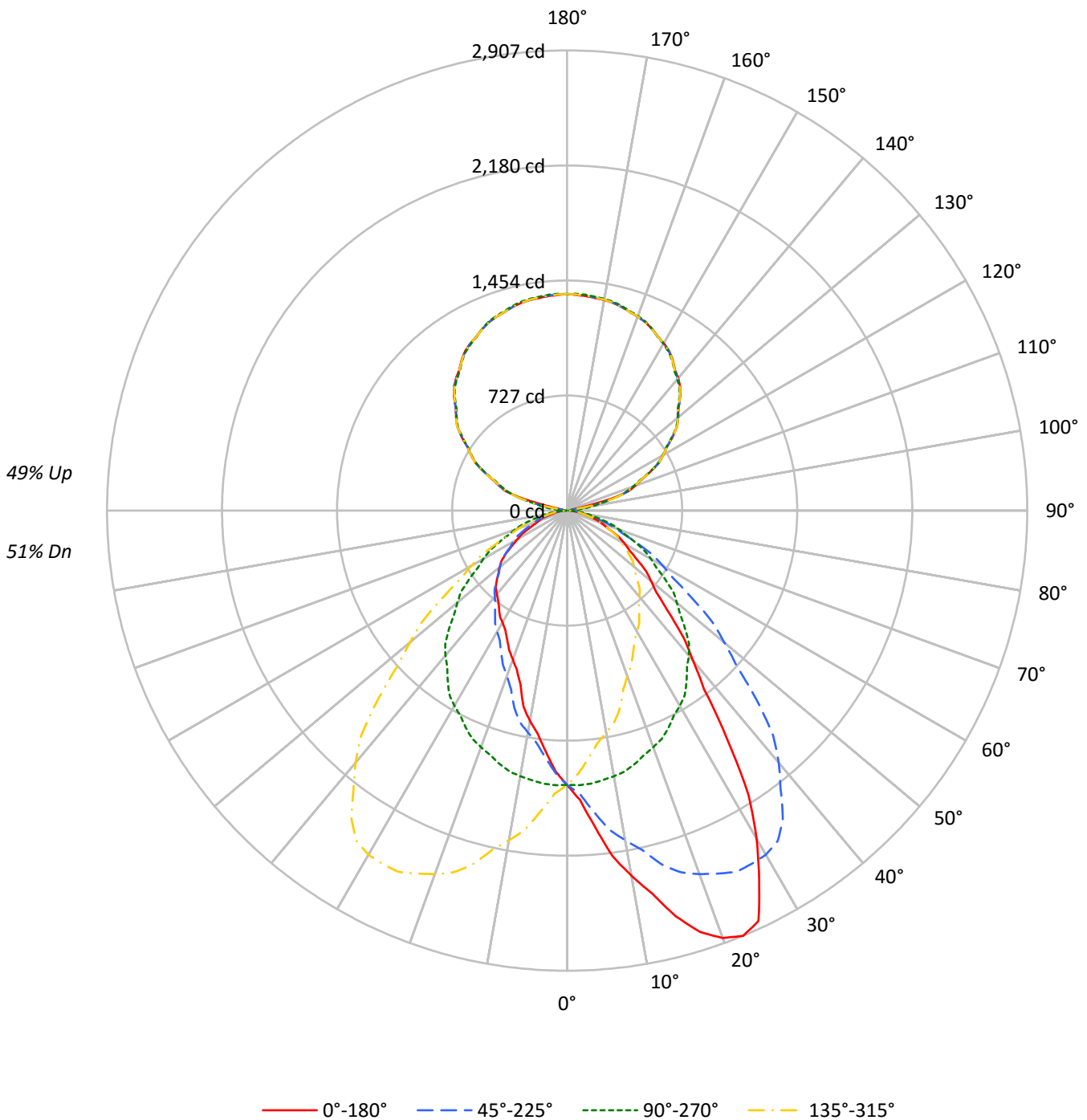
Lumens per Lamp: N/A  
Luminaire Lumens: 8615.5 lumens  
Efficiency: N/A  
Efficacy: 140.8 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 61.2  
Input Voltage (V): 120  
Input Current (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 | 84 | 84 | 84 | 70 | 70 | 70 | 57 | 57 | 57 | 51 |
| 1   | 98  | 94  | 91  | 87  | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 61 | 59 | 51 | 50 | 49 | 44 |
| 2   | 90  | 83  | 77  | 72  | 83 | 77 | 72 | 67 | 66 | 62 | 59 | 55 | 52 | 50 | 45 | 44 | 42 | 37 |
| 3   | 82  | 73  | 66  | 60  | 76 | 68 | 62 | 57 | 58 | 54 | 50 | 49 | 46 | 43 | 41 | 38 | 36 | 32 |
| 4   | 76  | 65  | 57  | 52  | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 37 | 34 | 32 | 28 |
| 5   | 70  | 58  | 50  | 44  | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 40 | 36 | 32 | 33 | 30 | 28 | 25 |
| 6   | 64  | 52  | 44  | 39  | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 25 | 22 |
| 7   | 59  | 47  | 40  | 34  | 55 | 44 | 37 | 32 | 38 | 33 | 29 | 33 | 29 | 25 | 28 | 24 | 22 | 19 |
| 8   | 55  | 43  | 35  | 30  | 51 | 40 | 33 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 20 | 17 |
| 9   | 51  | 39  | 32  | 27  | 48 | 37 | 30 | 26 | 32 | 27 | 23 | 28 | 24 | 20 | 24 | 20 | 18 | 16 |
| 10  | 48  | 36  | 29  | 24  | 44 | 34 | 27 | 23 | 30 | 24 | 21 | 26 | 21 | 19 | 22 | 19 | 16 | 14 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 13988 | 13988 | 13988 | 13988 |
| 5°  | 16226 | 14030 | 12400 | 14030 |
| 10° | 19194 | 13969 | 11068 | 13969 |
| 15° | 22172 | 13840 | 9510  | 13840 |
| 20° | 24686 | 13662 | 8600  | 13662 |
| 25° | 25483 | 13488 | 7985  | 13488 |
| 30° | 22309 | 13276 | 7614  | 13276 |
| 35° | 17366 | 12962 | 7389  | 12962 |
| 40° | 13022 | 12603 | 7268  | 12603 |
| 45° | 10282 | 12028 | 7205  | 12028 |
| 50° | 8681  | 11362 | 6997  | 11362 |
| 55° | 7567  | 10632 | 6622  | 10632 |
| 60° | 6807  | 9875  | 5861  | 9875  |
| 65° | 6002  | 9054  | 5041  | 9054  |
| 70° | 5403  | 8207  | 4548  | 8207  |
| 75° | 4529  | 7274  | 3877  | 7274  |
| 80° | 3831  | 6197  | 3636  | 6197  |
| 85° | 3233  | 4844  | 3233  | 4844  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 167.9  | 1.9       |
| 10°-20°   | 506.4  | 5.9       |
| 20°-30°   | 792.1  | 9.2       |
| 30°-40°   | 880.6  | 10.2      |
| 40°-50°   | 781.3  | 9.1       |
| 50°-60°   | 608.8  | 7.1       |
| 60°-70°   | 398.6  | 4.6       |
| 70°-80°   | 196.0  | 2.3       |
| 80°-90°   | 52.3   | 0.6       |
| 90°-100°  | 46.8   | 0.5       |
| 100°-110° | 298.3  | 3.5       |
| 110°-120° | 570.7  | 6.6       |
| 120°-130° | 724.4  | 8.4       |
| 130°-140° | 775.1  | 9.0       |
| 140°-150° | 724.8  | 8.4       |
| 150°-160° | 584.5  | 6.8       |
| 160°-170° | 377.0  | 4.4       |
| 170°-180° | 129.9  | 1.5       |
| 0°-30°    | 1466.4 | 17.0      |
| 0°-40°    | 2347.0 | 27.2      |
| 0°-60°    | 3737.0 | 43.4      |
| 0°-90°    | 4383.9 | 50.9      |
| 90°-120°  | 915.8  | 10.6      |
| 90°-150°  | 3140.1 | 36.4      |
| 90°-180°  | 4232.0 | 49.1      |
| 0°-180°   | 8615.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1733 | 1733 | 1733 | 1733 | 1733 |      |
| 5°   | 2002 | 1731 | 1530 | 1731 | 2002 | 203  |
| 15°  | 2653 | 1656 | 1138 | 1656 | 2653 | 754  |
| 25°  | 2861 | 1514 | 896  | 1514 | 2861 | 1269 |
| 35°  | 1762 | 1315 | 750  | 1315 | 1762 | 1105 |
| 45°  | 901  | 1054 | 631  | 1054 | 901  | 713  |
| 55°  | 538  | 755  | 470  | 755  | 538  | 489  |
| 65°  | 314  | 474  | 264  | 474  | 314  | 316  |
| 75°  | 145  | 233  | 124  | 233  | 145  | 160  |
| 85°  | 35   | 52   | 35   | 52   | 35   | 40   |
| 90°  | 31   | 3    | 31   | 3    | 31   | 15   |
| 95°  | 30   | 56   | 30   | 56   | 30   | 24   |
| 105° | 292  | 308  | 292  | 308  | 292  | 254  |
| 115° | 579  | 575  | 579  | 575  | 579  | 573  |
| 125° | 814  | 808  | 814  | 808  | 814  | 725  |
| 135° | 1010 | 1003 | 1010 | 1003 | 1010 | 777  |
| 145° | 1162 | 1156 | 1162 | 1156 | 1162 | 726  |
| 155° | 1267 | 1268 | 1267 | 1268 | 1267 | 584  |
| 165° | 1331 | 1337 | 1331 | 1337 | 1331 | 376  |
| 175° | 1360 | 1368 | 1360 | 1368 | 1360 | 129  |
| 180° | 1368 | 1368 | 1368 | 1368 | 1368 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5°   | 1827.7 | 1832.7 | 1827.7 | 1827.1 | 1821.6 | 1819.9 | 1817.7 | 1810.4 | 1797.0 | 1789.2 | 1790.8 |
| 5°     | 2002.3 | 2019.6 | 2009.9 | 2008.5 | 1993.2 | 1977.8 | 1968.0 | 1945.7 | 1922.0 | 1905.9 | 1892.6 |
| 7.5°   | 2204.1 | 2214.1 | 2208.1 | 2198.3 | 2173.4 | 2159.3 | 2136.7 | 2107.2 | 2064.7 | 2032.1 | 2002.4 |
| 10°    | 2341.5 | 2349.9 | 2347.1 | 2329.0 | 2310.8 | 2273.8 | 2252.8 | 2211.7 | 2157.9 | 2115.4 | 2075.5 |
| 12.5°  | 2476.7 | 2485.6 | 2461.0 | 2461.8 | 2427.5 | 2398.3 | 2365.1 | 2313.3 | 2251.2 | 2196.3 | 2146.5 |
| 15°    | 2652.9 | 2641.7 | 2641.7 | 2627.8 | 2589.3 | 2548.9 | 2514.7 | 2460.2 | 2382.0 | 2316.3 | 2247.3 |
| 17.5°  | 2790.9 | 2794.7 | 2789.0 | 2756.0 | 2725.9 | 2684.0 | 2621.3 | 2557.8 | 2485.2 | 2397.1 | 2326.4 |
| 20°    | 2873.5 | 2873.5 | 2867.2 | 2844.9 | 2805.8 | 2761.1 | 2693.4 | 2624.2 | 2532.1 | 2443.5 | 2363.9 |
| 22.5°  | 2907.0 | 2909.2 | 2901.8 | 2883.4 | 2848.2 | 2804.6 | 2746.9 | 2676.7 | 2581.8 | 2481.9 | 2383.4 |
| 25°    | 2860.9 | 2874.2 | 2875.6 | 2870.6 | 2860.2 | 2833.7 | 2784.1 | 2712.2 | 2627.1 | 2518.8 | 2412.7 |
| 27.5°  | 2626.7 | 2643.4 | 2658.1 | 2682.2 | 2714.3 | 2731.1 | 2733.3 | 2696.7 | 2622.4 | 2518.3 | 2411.5 |
| 30°    | 2393.2 | 2407.1 | 2452.6 | 2511.8 | 2557.9 | 2599.8 | 2636.2 | 2645.8 | 2604.0 | 2510.4 | 2398.0 |
| 32.5°  | 2134.0 | 2153.0 | 2198.4 | 2262.2 | 2338.9 | 2409.9 | 2491.4 | 2533.0 | 2531.9 | 2475.8 | 2371.8 |
| 35°    | 1762.1 | 1776.0 | 1818.0 | 1884.9 | 1977.1 | 2082.5 | 2211.7 | 2312.2 | 2380.6 | 2375.7 | 2312.2 |
| 37.5°  | 1421.1 | 1436.8 | 1479.1 | 1534.8 | 1624.2 | 1754.6 | 1879.7 | 2018.1 | 2144.7 | 2215.7 | 2194.4 |
| 40°    | 1235.7 | 1236.4 | 1277.6 | 1334.8 | 1418.6 | 1532.4 | 1668.5 | 1822.1 | 1963.1 | 2078.3 | 2100.6 |
| 42.5°  | 1089.3 | 1089.4 | 1116.7 | 1178.4 | 1238.8 | 1345.8 | 1475.8 | 1628.3 | 1793.3 | 1926.4 | 1985.6 |
| 45°    | 900.6  | 906.9  | 929.2  | 966.2  | 1013.7 | 1104.4 | 1208.4 | 1350.2 | 1535.2 | 1692.9 | 1791.4 |
| 47.5°  | 762.7  | 771.8  | 786.1  | 816.3  | 854.0  | 914.5  | 1000.6 | 1127.9 | 1278.4 | 1452.0 | 1592.1 |
| 50°    | 691.2  | 692.6  | 710.6  | 727.4  | 760.2  | 808.4  | 883.8  | 990.0  | 1128.1 | 1295.1 | 1450.7 |
| 52.5°  | 629.8  | 629.4  | 640.4  | 661.6  | 688.2  | 725.8  | 786.7  | 883.2  | 1005.8 | 1155.4 | 1316.1 |
| 55°    | 537.6  | 541.1  | 549.5  | 566.1  | 586.4  | 613.0  | 661.2  | 733.8  | 830.1  | 957.9  | 1103.8 |
| 57.5°  | 467.5  | 469.3  | 475.8  | 482.9  | 501.5  | 520.8  | 556.9  | 607.3  | 688.6  | 793.2  | 929.2  |
| 60°    | 421.6  | 422.3  | 424.4  | 434.9  | 449.6  | 467.8  | 492.2  | 534.7  | 603.2  | 698.8  | 806.4  |
| 62.5°  | 377.0  | 378.2  | 381.4  | 389.1  | 400.4  | 413.0  | 438.6  | 472.8  | 529.5  | 611.2  | 708.0  |
| 65°    | 314.2  | 314.9  | 319.7  | 322.6  | 331.6  | 342.7  | 361.6  | 384.7  | 423.7  | 492.2  | 565.5  |
| 67.5°  | 262.5  | 262.5  | 262.8  | 266.5  | 272.9  | 280.2  | 291.5  | 309.9  | 339.4  | 381.4  | 446.1  |
| 70°    | 228.9  | 228.9  | 230.4  | 232.5  | 236.0  | 242.3  | 248.5  | 262.5  | 284.2  | 318.3  | 367.9  |
| 72.5°  | 197.7  | 198.2  | 199.7  | 200.1  | 201.9  | 207.0  | 211.7  | 220.7  | 236.7  | 262.5  | 302.6  |
| 75°    | 145.2  | 147.3  | 150.8  | 153.6  | 157.0  | 156.4  | 161.3  | 166.8  | 171.8  | 187.1  | 210.2  |
| 77.5°  | 108.1  | 106.9  | 107.3  | 109.8  | 110.2  | 110.9  | 114.3  | 118.7  | 122.3  | 129.6  | 137.8  |
| 80°    | 82.4   | 82.4   | 84.4   | 85.1   | 84.4   | 85.1   | 88.7   | 90.8   | 92.2   | 94.9   | 102.6  |
| 82.5°  | 62.3   | 63.4   | 62.7   | 63.4   | 63.8   | 64.5   | 67.5   | 67.9   | 69.3   | 70.4   | 73.6   |
| 85°    | 34.9   | 35.6   | 36.3   | 34.9   | 34.9   | 34.9   | 36.3   | 37.0   | 38.4   | 37.7   | 39.1   |
| 87.5°  | 18.4   | 17.8   | 18.3   | 18.2   | 18.6   | 17.9   | 18.2   | 19.0   | 17.6   | 17.9   | 17.6   |
| 90°    | 30.7   | 30.2   | 29.8   | 29.3   | 28.9   | 28.0   | 26.6   | 25.2   | 23.8   | 22.5   | 20.7   |
| 92.5°  | 28.3   | 28.2   | 28.1   | 28.0   | 27.9   | 27.2   | 25.8   | 24.4   | 23.0   | 21.7   | 19.9   |
| 95°    | 29.7   | 29.5   | 29.2   | 29.0   | 28.8   | 28.0   | 26.6   | 25.2   | 23.8   | 22.5   | 22.3   |
| 97.5°  | 28.7   | 28.4   | 28.2   | 28.0   | 27.8   | 27.6   | 27.5   | 27.3   | 27.2   | 27.0   | 52.4   |
| 100°   | 28.7   | 28.4   | 28.2   | 28.0   | 27.8   | 29.6   | 33.4   | 37.3   | 41.2   | 45.0   | 76.4   |
| 102.5° | 29.5   | 29.4   | 29.4   | 29.3   | 29.3   | 50.1   | 91.8   | 133.5  | 175.2  | 216.9  | 221.0  |
| 105°   | 291.6  | 299.8  | 308.0  | 316.2  | 324.4  | 327.4  | 325.4  | 323.4  | 321.2  | 319.2  | 318.1  |
| 107.5° | 406.4  | 405.6  | 404.7  | 403.8  | 402.9  | 402.0  | 401.0  | 400.0  | 399.0  | 398.0  | 396.5  |
| 110°   | 456.4  | 455.7  | 454.9  | 454.3  | 453.6  | 453.0  | 452.6  | 452.1  | 451.7  | 451.2  | 449.9  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 506.2  | 505.4  | 504.5  | 503.7  | 502.8  | 502.4  | 502.5  | 502.6  | 502.7  | 502.8  | 502.1  |
| 115°   | 579.2  | 579.2  | 579.2  | 579.2  | 579.2  | 578.9  | 578.5  | 577.9  | 577.5  | 577.0  | 577.3  |
| 117.5° | 653.2  | 653.3  | 653.4  | 653.5  | 653.6  | 653.7  | 653.8  | 653.8  | 653.9  | 654.0  | 653.5  |
| 120°   | 699.8  | 700.3  | 700.7  | 701.3  | 701.7  | 701.7  | 701.3  | 700.7  | 700.3  | 699.8  | 700.0  |
| 122.5° | 745.7  | 746.2  | 746.6  | 747.1  | 747.5  | 747.6  | 747.3  | 747.1  | 746.8  | 746.5  | 746.2  |
| 125°   | 814.5  | 814.3  | 814.0  | 813.7  | 813.5  | 813.0  | 812.4  | 811.7  | 811.0  | 810.3  | 810.8  |
| 127.5° | 874.8  | 874.9  | 875.1  | 875.4  | 875.6  | 875.7  | 875.9  | 876.0  | 876.2  | 876.3  | 875.1  |
| 130°   | 915.7  | 915.7  | 915.7  | 915.7  | 915.7  | 915.6  | 915.4  | 915.1  | 914.9  | 914.7  | 914.0  |
| 132.5° | 953.4  | 953.6  | 953.7  | 953.9  | 954.1  | 954.1  | 953.9  | 953.6  | 953.4  | 953.2  | 952.3  |
| 135°   | 1009.9 | 1009.5 | 1009.0 | 1008.6 | 1008.0 | 1007.6 | 1007.1 | 1006.7 | 1006.2 | 1005.8 | 1004.9 |
| 137.5° | 1058.1 | 1058.3 | 1058.4 | 1058.5 | 1058.7 | 1058.5 | 1058.0 | 1057.5 | 1057.0 | 1056.5 | 1055.5 |
| 140°   | 1091.8 | 1091.5 | 1091.3 | 1091.1 | 1090.9 | 1090.4 | 1089.6 | 1089.0 | 1088.3 | 1087.6 | 1087.2 |
| 142.5° | 1119.5 | 1119.5 | 1119.4 | 1119.4 | 1119.3 | 1119.1 | 1118.6 | 1118.1 | 1117.6 | 1117.1 | 1116.8 |
| 145°   | 1162.4 | 1161.8 | 1161.4 | 1160.9 | 1160.5 | 1160.1 | 1159.9 | 1159.7 | 1159.5 | 1159.2 | 1159.2 |
| 147.5° | 1197.7 | 1197.5 | 1197.3 | 1197.1 | 1196.8 | 1196.6 | 1196.4 | 1196.3 | 1196.1 | 1195.9 | 1196.1 |
| 150°   | 1220.6 | 1220.4 | 1220.2 | 1219.9 | 1219.7 | 1219.6 | 1219.6 | 1219.6 | 1219.6 | 1219.6 | 1219.8 |
| 152.5° | 1240.3 | 1240.4 | 1240.5 | 1240.7 | 1240.8 | 1240.7 | 1240.3 | 1240.0 | 1239.6 | 1239.3 | 1239.7 |
| 155°   | 1266.7 | 1267.4 | 1268.1 | 1268.7 | 1269.4 | 1269.3 | 1268.4 | 1267.5 | 1266.6 | 1265.7 | 1266.4 |
| 157.5° | 1288.8 | 1290.0 | 1291.1 | 1292.3 | 1293.5 | 1293.5 | 1292.3 | 1291.1 | 1290.0 | 1288.8 | 1289.6 |
| 160°   | 1303.5 | 1304.8 | 1306.3 | 1307.6 | 1309.0 | 1309.0 | 1307.6 | 1306.3 | 1304.8 | 1303.5 | 1303.7 |
| 162.5° | 1314.9 | 1316.6 | 1318.1 | 1319.6 | 1321.2 | 1321.2 | 1319.9 | 1318.5 | 1317.2 | 1315.8 | 1316.1 |
| 165°   | 1331.1 | 1333.2 | 1335.2 | 1337.3 | 1339.3 | 1339.5 | 1337.7 | 1335.8 | 1334.0 | 1332.2 | 1332.2 |
| 167.5° | 1343.2 | 1345.5 | 1347.8 | 1350.1 | 1352.3 | 1352.4 | 1350.5 | 1348.5 | 1346.5 | 1344.4 | 1344.6 |
| 170°   | 1350.6 | 1352.8 | 1355.1 | 1357.4 | 1359.7 | 1359.9 | 1358.1 | 1356.2 | 1354.4 | 1352.6 | 1352.4 |
| 172.5° | 1354.6 | 1357.2 | 1359.6 | 1362.0 | 1364.5 | 1364.8 | 1363.0 | 1361.2 | 1359.4 | 1357.6 | 1357.4 |
| 175°   | 1359.8 | 1362.5 | 1365.2 | 1368.0 | 1370.7 | 1371.1 | 1369.0 | 1367.0 | 1364.9 | 1362.9 | 1362.6 |
| 177.5° | 1363.1 | 1365.2 | 1367.5 | 1369.6 | 1371.8 | 1372.2 | 1370.7 | 1369.3 | 1367.8 | 1366.3 | 1365.9 |
| 180°   | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 |



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CATALOG NUMBER: S124RDIW-S1020D1050U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5°   | 1785.2 | 1777.5 | 1773.5 | 1764.5 | 1753.9 | 1748.4 | 1743.3 | 1736.1 | 1726.6 | 1716.6 | 1709.3 |
| 5°     | 1875.8 | 1859.1 | 1838.2 | 1813.0 | 1790.7 | 1769.1 | 1750.2 | 1731.3 | 1709.7 | 1687.4 | 1665.1 |
| 7.5°   | 1968.8 | 1935.9 | 1900.3 | 1859.1 | 1819.1 | 1782.6 | 1749.1 | 1717.0 | 1680.6 | 1648.1 | 1618.5 |
| 10°    | 2033.7 | 1988.9 | 1939.3 | 1887.0 | 1834.6 | 1789.3 | 1744.6 | 1704.1 | 1659.4 | 1619.6 | 1586.1 |
| 12.5°  | 2086.2 | 2033.7 | 1974.0 | 1908.8 | 1845.8 | 1791.0 | 1739.6 | 1686.8 | 1636.0 | 1592.9 | 1548.1 |
| 15°    | 2173.2 | 2101.3 | 2021.0 | 1942.9 | 1861.2 | 1786.5 | 1717.4 | 1656.0 | 1598.0 | 1537.3 | 1494.7 |
| 17.5°  | 2233.1 | 2147.9 | 2050.2 | 1956.3 | 1859.8 | 1771.7 | 1691.9 | 1618.8 | 1552.0 | 1490.0 | 1439.3 |
| 20°    | 2268.9 | 2174.6 | 2066.5 | 1959.6 | 1851.4 | 1757.2 | 1671.3 | 1590.3 | 1521.3 | 1454.2 | 1401.8 |
| 22.5°  | 2289.0 | 2184.7 | 2066.5 | 1954.6 | 1842.5 | 1740.4 | 1646.2 | 1561.9 | 1486.6 | 1419.6 | 1361.6 |
| 25°    | 2295.4 | 2183.7 | 2063.0 | 1934.5 | 1811.6 | 1703.4 | 1605.7 | 1514.2 | 1430.5 | 1363.4 | 1302.0 |
| 27.5°  | 2286.5 | 2155.0 | 2031.2 | 1899.5 | 1772.7 | 1658.6 | 1556.0 | 1460.0 | 1376.0 | 1304.1 | 1241.1 |
| 30°    | 2273.1 | 2132.0 | 1999.4 | 1862.6 | 1734.1 | 1624.6 | 1516.3 | 1424.2 | 1336.9 | 1262.2 | 1198.7 |
| 32.5°  | 2244.0 | 2104.2 | 1961.5 | 1821.3 | 1691.1 | 1578.2 | 1475.5 | 1382.8 | 1297.3 | 1220.9 | 1153.5 |
| 35°    | 2186.6 | 2044.8 | 1889.9 | 1746.1 | 1618.2 | 1501.0 | 1404.6 | 1315.2 | 1233.6 | 1152.0 | 1080.7 |
| 37.5°  | 2110.7 | 1965.9 | 1811.8 | 1654.3 | 1526.4 | 1415.6 | 1327.3 | 1243.3 | 1163.7 | 1089.0 | 1010.2 |
| 40°    | 2039.2 | 1907.2 | 1748.1 | 1591.7 | 1460.5 | 1353.6 | 1272.0 | 1195.9 | 1115.6 | 1041.6 | 962.7  |
| 42.5°  | 1952.7 | 1840.3 | 1679.4 | 1522.5 | 1392.9 | 1290.0 | 1213.9 | 1139.4 | 1066.4 | 994.7  | 912.4  |
| 45°    | 1808.2 | 1722.9 | 1572.2 | 1421.4 | 1290.8 | 1188.9 | 1119.1 | 1053.5 | 989.3  | 920.8  | 843.3  |
| 47.5°  | 1642.5 | 1584.9 | 1454.7 | 1300.3 | 1179.5 | 1087.8 | 1020.4 | 966.7  | 912.4  | 844.0  | 776.1  |
| 50°    | 1527.5 | 1490.5 | 1364.8 | 1223.9 | 1108.6 | 1024.1 | 955.0  | 904.7  | 859.4  | 793.8  | 733.1  |
| 52.5°  | 1404.6 | 1384.9 | 1278.8 | 1144.0 | 1032.7 | 949.9  | 890.8  | 845.6  | 799.6  | 745.2  | 688.3  |
| 55°    | 1217.5 | 1228.0 | 1137.9 | 1021.4 | 916.7  | 846.9  | 793.0  | 755.4  | 716.3  | 670.2  | 626.2  |
| 57.5°  | 1026.2 | 1064.5 | 1004.0 | 901.7  | 803.5  | 739.0  | 698.5  | 666.8  | 634.0  | 595.8  | 558.3  |
| 60°    | 911.7  | 943.8  | 909.7  | 819.6  | 733.8  | 673.7  | 636.0  | 611.6  | 578.8  | 543.8  | 515.2  |
| 62.5°  | 800.0  | 834.4  | 814.2  | 741.4  | 661.7  | 610.1  | 576.8  | 554.0  | 529.6  | 499.2  | 469.4  |
| 65°    | 659.7  | 682.1  | 672.3  | 622.1  | 565.5  | 521.5  | 490.8  | 474.0  | 451.7  | 429.4  | 402.8  |
| 67.5°  | 505.3  | 548.5  | 542.7  | 516.0  | 467.2  | 432.8  | 412.7  | 397.9  | 377.6  | 360.9  | 343.0  |
| 70°    | 415.4  | 455.1  | 454.4  | 432.8  | 406.3  | 374.2  | 360.2  | 347.7  | 329.5  | 313.5  | 298.8  |
| 72.5°  | 340.0  | 376.5  | 381.8  | 365.3  | 347.1  | 322.9  | 309.4  | 300.7  | 283.2  | 272.2  | 260.2  |
| 75°    | 238.0  | 264.6  | 271.6  | 271.6  | 263.2  | 250.6  | 238.7  | 233.2  | 220.7  | 210.9  | 203.9  |
| 77.5°  | 156.1  | 172.9  | 183.8  | 186.2  | 187.5  | 183.3  | 173.6  | 169.7  | 160.0  | 156.5  | 149.9  |
| 80°    | 110.3  | 121.5  | 134.0  | 138.3  | 141.7  | 140.4  | 136.1  | 133.3  | 124.3  | 120.8  | 118.0  |
| 82.5°  | 76.2   | 82.4   | 92.7   | 101.9  | 101.0  | 104.6  | 101.0  | 98.8   | 91.9   | 90.6   | 87.9   |
| 85°    | 39.8   | 40.5   | 41.9   | 48.2   | 51.7   | 53.0   | 53.7   | 52.3   | 50.3   | 50.3   | 45.3   |
| 87.5°  | 17.2   | 16.3   | 17.0   | 16.6   | 16.7   | 18.4   | 19.6   | 19.6   | 18.4   | 17.3   | 16.1   |
| 90°    | 18.9   | 17.1   | 15.2   | 13.0   | 10.6   | 8.1    | 5.6    | 3.0    | 5.6    | 8.1    | 10.6   |
| 92.5°  | 18.1   | 16.3   | 14.4   | 13.4   | 13.3   | 13.1   | 13.0   | 12.9   | 13.0   | 13.1   | 13.3   |
| 95°    | 22.0   | 21.8   | 21.6   | 25.3   | 33.1   | 40.8   | 48.6   | 56.2   | 48.6   | 40.8   | 33.1   |
| 97.5°  | 77.8   | 103.1  | 128.6  | 138.8  | 134.0  | 129.2  | 124.3  | 119.5  | 124.3  | 129.2  | 134.0  |
| 100°   | 107.8  | 139.2  | 170.6  | 184.2  | 180.1  | 176.0  | 171.9  | 167.8  | 171.9  | 176.0  | 180.1  |
| 102.5° | 225.1  | 229.2  | 233.3  | 233.8  | 230.9  | 227.8  | 224.8  | 221.9  | 224.8  | 227.8  | 230.9  |
| 105°   | 317.0  | 315.8  | 314.7  | 313.5  | 312.0  | 310.7  | 309.3  | 308.0  | 309.3  | 310.7  | 312.0  |
| 107.5° | 395.0  | 393.3  | 391.8  | 390.7  | 390.0  | 389.3  | 388.7  | 388.0  | 388.7  | 389.3  | 390.0  |
| 110°   | 448.5  | 447.2  | 445.8  | 444.7  | 444.0  | 443.3  | 442.7  | 442.0  | 442.7  | 443.3  | 444.0  |





TEST NUMBER: P333083-840

CATALOG NUMBER: S124RDIW-S1020D1050U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 501.5  | 500.9  | 500.3  | 499.3  | 498.1  | 496.9  | 495.6  | 494.4  | 495.6  | 496.9  | 498.1  |
| 115°   | 577.5  | 577.7  | 577.9  | 577.7  | 577.0  | 576.4  | 575.7  | 575.0  | 575.7  | 576.4  | 577.0  |
| 117.5° | 653.0  | 652.5  | 652.0  | 651.3  | 650.4  | 649.4  | 648.5  | 647.6  | 648.5  | 649.4  | 650.4  |
| 120°   | 700.3  | 700.5  | 700.7  | 700.4  | 699.5  | 698.6  | 697.7  | 696.8  | 697.7  | 698.6  | 699.5  |
| 122.5° | 745.9  | 745.6  | 745.3  | 744.8  | 744.3  | 743.7  | 743.2  | 742.7  | 743.2  | 743.7  | 744.3  |
| 125°   | 811.2  | 811.7  | 812.1  | 811.9  | 811.0  | 810.1  | 809.2  | 808.3  | 809.2  | 810.1  | 811.0  |
| 127.5° | 874.1  | 873.1  | 872.0  | 871.4  | 871.2  | 871.0  | 870.7  | 870.5  | 870.7  | 871.0  | 871.2  |
| 130°   | 913.3  | 912.7  | 912.0  | 911.5  | 911.3  | 911.1  | 910.9  | 910.6  | 910.9  | 911.1  | 911.3  |
| 132.5° | 951.5  | 950.6  | 949.8  | 949.1  | 948.7  | 948.3  | 947.9  | 947.5  | 947.9  | 948.3  | 948.7  |
| 135°   | 1004.0 | 1003.1 | 1002.2 | 1001.8 | 1002.0 | 1002.3 | 1002.5 | 1002.7 | 1002.5 | 1002.3 | 1002.0 |
| 137.5° | 1054.5 | 1053.5 | 1052.5 | 1052.0 | 1051.9 | 1051.8 | 1051.7 | 1051.6 | 1051.7 | 1051.8 | 1051.9 |
| 140°   | 1086.7 | 1086.3 | 1085.8 | 1085.4 | 1084.9 | 1084.5 | 1084.0 | 1083.6 | 1084.0 | 1084.5 | 1084.9 |
| 142.5° | 1116.5 | 1116.3 | 1116.0 | 1115.5 | 1114.7 | 1113.8 | 1113.0 | 1112.2 | 1113.0 | 1113.8 | 1114.7 |
| 145°   | 1159.2 | 1159.2 | 1159.2 | 1158.9 | 1158.2 | 1157.5 | 1156.9 | 1156.2 | 1156.9 | 1157.5 | 1158.2 |
| 147.5° | 1196.4 | 1196.6 | 1196.8 | 1196.3 | 1195.0 | 1193.8 | 1192.4 | 1191.1 | 1192.4 | 1193.8 | 1195.0 |
| 150°   | 1220.1 | 1220.3 | 1220.5 | 1220.2 | 1219.3 | 1218.4 | 1217.5 | 1216.6 | 1217.5 | 1218.4 | 1219.3 |
| 152.5° | 1240.1 | 1240.5 | 1240.9 | 1240.7 | 1240.0 | 1239.3 | 1238.6 | 1237.8 | 1238.6 | 1239.3 | 1240.0 |
| 155°   | 1267.1 | 1267.7 | 1268.4 | 1268.6 | 1268.4 | 1268.2 | 1268.0 | 1267.7 | 1268.0 | 1268.2 | 1268.4 |
| 157.5° | 1290.3 | 1291.1 | 1291.9 | 1292.3 | 1292.4 | 1292.6 | 1292.7 | 1292.9 | 1292.7 | 1292.6 | 1292.4 |
| 160°   | 1303.9 | 1304.2 | 1304.4 | 1304.8 | 1305.6 | 1306.3 | 1307.0 | 1307.6 | 1307.0 | 1306.3 | 1305.6 |
| 162.5° | 1316.3 | 1316.5 | 1316.7 | 1317.3 | 1318.1 | 1319.0 | 1319.9 | 1320.7 | 1319.9 | 1319.0 | 1318.1 |
| 165°   | 1332.2 | 1332.2 | 1332.2 | 1332.7 | 1333.8 | 1335.0 | 1336.2 | 1337.3 | 1336.2 | 1335.0 | 1333.8 |
| 167.5° | 1344.7 | 1344.8 | 1345.0 | 1345.6 | 1346.9 | 1348.1 | 1349.2 | 1350.4 | 1349.2 | 1348.1 | 1346.9 |
| 170°   | 1352.2 | 1351.9 | 1351.7 | 1352.3 | 1353.6 | 1355.0 | 1356.3 | 1357.8 | 1356.3 | 1355.0 | 1353.6 |
| 172.5° | 1357.1 | 1356.9 | 1356.7 | 1357.2 | 1358.6 | 1359.9 | 1361.3 | 1362.6 | 1361.3 | 1359.9 | 1358.6 |
| 175°   | 1362.4 | 1362.2 | 1362.0 | 1362.5 | 1363.9 | 1365.2 | 1366.7 | 1368.0 | 1366.7 | 1365.2 | 1363.9 |
| 177.5° | 1365.6 | 1365.2 | 1364.9 | 1365.3 | 1366.7 | 1367.9 | 1369.2 | 1370.4 | 1369.2 | 1367.9 | 1366.7 |
| 180°   | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5°   | 1701.4 | 1695.9 | 1688.6 | 1680.2 | 1670.2 | 1661.2 | 1657.4 | 1660.7 | 1662.3 | 1657.9 | 1657.4 |
| 5°     | 1649.7 | 1632.2 | 1618.2 | 1597.3 | 1580.5 | 1566.6 | 1556.8 | 1552.7 | 1554.0 | 1542.9 | 1540.0 |
| 7.5°   | 1591.4 | 1570.7 | 1547.9 | 1523.0 | 1499.9 | 1479.4 | 1468.5 | 1462.7 | 1450.9 | 1445.8 | 1437.3 |
| 10°    | 1554.0 | 1526.1 | 1503.8 | 1474.4 | 1447.9 | 1423.5 | 1411.6 | 1401.8 | 1390.0 | 1384.4 | 1372.5 |
| 12.5°  | 1515.5 | 1483.1 | 1458.5 | 1428.1 | 1401.0 | 1371.5 | 1360.2 | 1342.1 | 1323.5 | 1311.8 | 1296.6 |
| 15°    | 1461.2 | 1422.1 | 1392.1 | 1355.7 | 1323.6 | 1290.1 | 1260.1 | 1226.6 | 1214.1 | 1187.5 | 1172.2 |
| 17.5°  | 1397.7 | 1358.0 | 1320.8 | 1272.1 | 1222.5 | 1180.9 | 1148.9 | 1116.8 | 1097.6 | 1080.7 | 1072.9 |
| 20°    | 1355.7 | 1319.5 | 1267.8 | 1211.2 | 1156.1 | 1110.0 | 1084.2 | 1063.3 | 1042.3 | 1030.5 | 1022.1 |
| 22.5°  | 1316.1 | 1269.7 | 1209.7 | 1148.7 | 1093.6 | 1057.5 | 1035.6 | 1014.1 | 997.0  | 985.7  | 974.6  |
| 25°    | 1249.6 | 1188.9 | 1125.4 | 1055.6 | 1017.8 | 986.4  | 962.7  | 945.2  | 934.8  | 920.1  | 914.5  |
| 27.5°  | 1181.3 | 1107.8 | 1037.7 | 990.8  | 951.5  | 922.8  | 902.1  | 889.0  | 875.8  | 866.4  | 859.1  |
| 30°    | 1128.8 | 1054.2 | 991.4  | 946.6  | 906.9  | 883.1  | 866.4  | 851.0  | 840.5  | 832.8  | 827.3  |
| 32.5°  | 1076.9 | 1002.2 | 949.5  | 901.4  | 870.0  | 846.9  | 829.0  | 817.5  | 809.3  | 799.3  | 796.0  |
| 35°    | 1001.8 | 935.4  | 889.4  | 846.2  | 814.1  | 793.0  | 779.1  | 767.2  | 760.2  | 757.5  | 755.4  |
| 37.5°  | 929.6  | 875.4  | 825.8  | 790.3  | 761.6  | 745.2  | 728.7  | 722.9  | 718.1  | 713.1  | 715.3  |
| 40°    | 883.8  | 832.8  | 788.9  | 751.1  | 728.1  | 710.0  | 700.2  | 693.3  | 689.0  | 689.0  | 689.0  |
| 42.5°  | 844.1  | 794.4  | 751.4  | 717.7  | 694.6  | 679.2  | 668.4  | 662.5  | 661.2  | 660.6  | 663.9  |
| 45°    | 782.6  | 736.5  | 693.3  | 665.3  | 645.8  | 630.4  | 624.1  | 619.2  | 619.2  | 622.1  | 622.7  |
| 47.5°  | 721.5  | 678.4  | 643.7  | 612.4  | 594.5  | 584.9  | 579.5  | 576.9  | 577.2  | 580.0  | 583.2  |
| 50°    | 684.2  | 641.6  | 607.3  | 579.5  | 562.7  | 553.6  | 548.8  | 547.3  | 548.8  | 548.8  | 553.6  |
| 52.5°  | 643.4  | 605.3  | 571.6  | 548.2  | 529.2  | 520.7  | 518.0  | 516.0  | 516.8  | 519.2  | 521.2  |
| 55°    | 583.6  | 549.5  | 517.4  | 494.9  | 481.0  | 475.4  | 469.2  | 469.8  | 468.5  | 469.8  | 469.8  |
| 57.5°  | 523.7  | 493.0  | 463.1  | 445.5  | 433.1  | 425.1  | 418.2  | 420.1  | 418.1  | 417.8  | 416.7  |
| 60°    | 485.2  | 451.7  | 428.0  | 411.9  | 397.9  | 390.9  | 384.7  | 386.1  | 384.0  | 382.5  | 379.8  |
| 62.5°  | 443.3  | 415.4  | 392.7  | 377.3  | 366.1  | 358.0  | 351.7  | 350.3  | 345.5  | 340.7  | 334.6  |
| 65°    | 382.5  | 359.5  | 339.3  | 324.7  | 314.2  | 307.9  | 303.0  | 298.8  | 288.3  | 277.1  | 271.6  |
| 67.5°  | 323.6  | 306.9  | 288.0  | 275.6  | 267.1  | 258.8  | 249.5  | 242.4  | 232.6  | 226.5  | 223.0  |
| 70°    | 285.5  | 269.4  | 253.4  | 241.6  | 232.5  | 224.8  | 214.3  | 209.4  | 202.5  | 199.7  | 196.2  |
| 72.5°  | 249.2  | 234.3  | 219.3  | 208.6  | 198.9  | 193.0  | 184.7  | 179.9  | 176.7  | 175.6  | 172.2  |
| 75°    | 194.1  | 182.2  | 171.1  | 161.3  | 153.6  | 149.4  | 145.9  | 142.4  | 141.0  | 134.7  | 131.3  |
| 77.5°  | 141.6  | 133.8  | 126.7  | 119.8  | 114.3  | 111.6  | 104.8  | 100.8  | 98.5   | 95.5   | 94.8   |
| 80°    | 110.3  | 104.7  | 97.8   | 93.5   | 85.8   | 83.1   | 80.3   | 79.6   | 78.9   | 78.2   | 77.5   |
| 82.5°  | 82.9   | 77.4   | 70.4   | 67.9   | 65.7   | 64.1   | 62.4   | 61.7   | 61.0   | 61.4   | 61.3   |
| 85°    | 41.9   | 39.1   | 39.1   | 38.4   | 37.7   | 37.0   | 36.3   | 36.3   | 35.6   | 36.3   | 35.6   |
| 87.5°  | 16.6   | 16.5   | 16.9   | 16.1   | 17.0   | 17.4   | 17.1   | 17.4   | 18.2   | 17.4   | 17.5   |
| 90°    | 13.0   | 15.2   | 17.1   | 18.9   | 20.7   | 22.5   | 23.8   | 25.2   | 26.6   | 28.0   | 28.9   |
| 92.5°  | 13.4   | 14.4   | 16.3   | 18.1   | 19.9   | 21.7   | 23.0   | 24.4   | 25.8   | 27.2   | 27.9   |
| 95°    | 25.3   | 21.6   | 21.8   | 22.0   | 22.3   | 22.5   | 23.8   | 25.2   | 26.6   | 28.0   | 28.8   |
| 97.5°  | 138.8  | 128.6  | 103.1  | 77.8   | 52.4   | 27.0   | 27.2   | 27.3   | 27.5   | 27.6   | 27.8   |
| 100°   | 184.2  | 170.6  | 139.2  | 107.8  | 76.4   | 45.0   | 41.2   | 37.3   | 33.4   | 29.6   | 27.8   |
| 102.5° | 233.8  | 233.3  | 229.2  | 225.1  | 221.0  | 216.9  | 175.2  | 133.5  | 91.8   | 50.1   | 29.3   |
| 105°   | 313.5  | 314.7  | 315.8  | 317.0  | 318.1  | 319.2  | 321.2  | 323.4  | 325.4  | 327.4  | 324.4  |
| 107.5° | 390.7  | 391.8  | 393.3  | 395.0  | 396.5  | 398.0  | 399.0  | 400.0  | 401.0  | 402.0  | 402.9  |
| 110°   | 444.7  | 445.8  | 447.2  | 448.5  | 449.9  | 451.2  | 451.7  | 452.1  | 452.6  | 453.0  | 453.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 499.3  | 500.3  | 500.9  | 501.5  | 502.1  | 502.8  | 502.7  | 502.6  | 502.5  | 502.4  | 502.8  |
| 115°   | 577.7  | 577.9  | 577.7  | 577.5  | 577.3  | 577.0  | 577.5  | 577.9  | 578.5  | 578.9  | 579.2  |
| 117.5° | 651.3  | 652.0  | 652.5  | 653.0  | 653.5  | 654.0  | 653.9  | 653.8  | 653.8  | 653.7  | 653.6  |
| 120°   | 700.4  | 700.7  | 700.5  | 700.3  | 700.0  | 699.8  | 700.3  | 700.7  | 701.3  | 701.7  | 701.7  |
| 122.5° | 744.8  | 745.3  | 745.6  | 745.9  | 746.2  | 746.5  | 746.8  | 747.1  | 747.3  | 747.6  | 747.5  |
| 125°   | 811.9  | 812.1  | 811.7  | 811.2  | 810.8  | 810.3  | 811.0  | 811.7  | 812.4  | 813.0  | 813.5  |
| 127.5° | 871.4  | 872.0  | 873.1  | 874.1  | 875.1  | 876.3  | 876.2  | 876.0  | 875.9  | 875.7  | 875.6  |
| 130°   | 911.5  | 912.0  | 912.7  | 913.3  | 914.0  | 914.7  | 914.9  | 915.1  | 915.4  | 915.6  | 915.7  |
| 132.5° | 949.1  | 949.8  | 950.6  | 951.5  | 952.3  | 953.2  | 953.4  | 953.6  | 953.9  | 954.1  | 954.1  |
| 135°   | 1001.8 | 1002.2 | 1003.1 | 1004.0 | 1004.9 | 1005.8 | 1006.2 | 1006.7 | 1007.1 | 1007.6 | 1008.0 |
| 137.5° | 1052.0 | 1052.5 | 1053.5 | 1054.5 | 1055.5 | 1056.5 | 1057.0 | 1057.5 | 1058.0 | 1058.5 | 1058.7 |
| 140°   | 1085.4 | 1085.8 | 1086.3 | 1086.7 | 1087.2 | 1087.6 | 1088.3 | 1089.0 | 1089.6 | 1090.4 | 1090.9 |
| 142.5° | 1115.5 | 1116.0 | 1116.3 | 1116.5 | 1116.8 | 1117.1 | 1117.6 | 1118.1 | 1118.6 | 1119.1 | 1119.3 |
| 145°   | 1158.9 | 1159.2 | 1159.2 | 1159.2 | 1159.2 | 1159.2 | 1159.5 | 1159.7 | 1159.9 | 1160.1 | 1160.5 |
| 147.5° | 1196.3 | 1196.8 | 1196.6 | 1196.4 | 1196.1 | 1195.9 | 1196.1 | 1196.3 | 1196.4 | 1196.6 | 1196.8 |
| 150°   | 1220.2 | 1220.5 | 1220.3 | 1220.1 | 1219.8 | 1219.6 | 1219.6 | 1219.6 | 1219.6 | 1219.6 | 1219.7 |
| 152.5° | 1240.7 | 1240.9 | 1240.5 | 1240.1 | 1239.7 | 1239.3 | 1239.6 | 1240.0 | 1240.3 | 1240.7 | 1240.8 |
| 155°   | 1268.6 | 1268.4 | 1267.7 | 1267.1 | 1266.4 | 1265.7 | 1266.6 | 1267.5 | 1268.4 | 1269.3 | 1269.4 |
| 157.5° | 1292.3 | 1291.9 | 1291.1 | 1290.3 | 1289.6 | 1288.8 | 1290.0 | 1291.1 | 1292.3 | 1293.5 | 1293.5 |
| 160°   | 1304.8 | 1304.4 | 1304.2 | 1303.9 | 1303.7 | 1303.5 | 1304.8 | 1306.3 | 1307.6 | 1309.0 | 1309.0 |
| 162.5° | 1317.3 | 1316.7 | 1316.5 | 1316.3 | 1316.1 | 1315.8 | 1317.2 | 1318.5 | 1319.9 | 1321.2 | 1321.2 |
| 165°   | 1332.7 | 1332.2 | 1332.2 | 1332.2 | 1332.2 | 1332.2 | 1334.0 | 1335.8 | 1337.7 | 1339.5 | 1339.3 |
| 167.5° | 1345.6 | 1345.0 | 1344.8 | 1344.7 | 1344.6 | 1344.4 | 1346.5 | 1348.5 | 1350.5 | 1352.4 | 1352.3 |
| 170°   | 1352.3 | 1351.7 | 1351.9 | 1352.2 | 1352.4 | 1352.6 | 1354.4 | 1356.2 | 1358.1 | 1359.9 | 1359.7 |
| 172.5° | 1357.2 | 1356.7 | 1356.9 | 1357.1 | 1357.4 | 1357.6 | 1359.4 | 1361.2 | 1363.0 | 1364.8 | 1364.5 |
| 175°   | 1362.5 | 1362.0 | 1362.2 | 1362.4 | 1362.6 | 1362.9 | 1364.9 | 1367.0 | 1369.0 | 1371.1 | 1370.7 |
| 177.5° | 1365.3 | 1364.9 | 1365.2 | 1365.6 | 1365.9 | 1366.3 | 1367.8 | 1369.3 | 1370.7 | 1372.2 | 1371.8 |
| 180°   | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5°   | 1654.0 | 1655.1 | 1651.2 | 1650.1 | 1651.2 | 1655.1 | 1654.0 | 1657.4 | 1657.9 | 1662.3 | 1660.7 |
| 5°     | 1534.5 | 1533.1 | 1529.5 | 1530.2 | 1529.5 | 1533.1 | 1534.5 | 1540.0 | 1542.9 | 1554.0 | 1552.7 |
| 7.5°   | 1432.3 | 1426.8 | 1428.4 | 1422.8 | 1428.4 | 1426.8 | 1432.3 | 1437.3 | 1445.8 | 1450.9 | 1462.7 |
| 10°    | 1369.7 | 1362.0 | 1355.7 | 1350.2 | 1355.7 | 1362.0 | 1369.7 | 1372.5 | 1384.4 | 1390.0 | 1401.8 |
| 12.5°  | 1284.2 | 1277.7 | 1269.2 | 1270.9 | 1269.2 | 1277.7 | 1284.2 | 1296.6 | 1311.8 | 1323.5 | 1342.1 |
| 15°    | 1163.1 | 1152.6 | 1135.9 | 1137.9 | 1135.9 | 1152.6 | 1163.1 | 1172.2 | 1187.5 | 1214.1 | 1226.6 |
| 17.5°  | 1060.5 | 1060.6 | 1052.9 | 1054.7 | 1052.9 | 1060.6 | 1060.5 | 1072.9 | 1080.7 | 1097.6 | 1116.8 |
| 20°    | 1007.4 | 1002.5 | 1003.2 | 1001.1 | 1003.2 | 1002.5 | 1007.4 | 1022.1 | 1030.5 | 1042.3 | 1063.3 |
| 22.5°  | 970.6  | 964.5  | 959.7  | 955.3  | 959.7  | 964.5  | 970.6  | 974.6  | 985.7  | 997.0  | 1014.1 |
| 25°    | 908.3  | 904.0  | 897.8  | 896.4  | 897.8  | 904.0  | 908.3  | 914.5  | 920.1  | 934.8  | 945.2  |
| 27.5°  | 853.5  | 852.7  | 850.2  | 847.0  | 850.2  | 852.7  | 853.5  | 859.1  | 866.4  | 875.8  | 889.0  |
| 30°    | 821.7  | 820.3  | 818.9  | 816.8  | 818.9  | 820.3  | 821.7  | 827.3  | 832.8  | 840.5  | 851.0  |
| 32.5°  | 793.2  | 792.3  | 790.9  | 791.1  | 790.9  | 792.3  | 793.2  | 796.0  | 799.3  | 809.3  | 817.5  |
| 35°    | 752.6  | 751.8  | 750.5  | 749.8  | 750.5  | 751.8  | 752.6  | 755.4  | 757.5  | 760.2  | 767.2  |
| 37.5°  | 714.6  | 716.4  | 715.6  | 715.4  | 715.6  | 716.4  | 714.6  | 715.3  | 713.1  | 718.1  | 722.9  |
| 40°    | 688.3  | 689.0  | 690.4  | 689.7  | 690.4  | 689.0  | 688.3  | 689.0  | 689.0  | 689.0  | 693.3  |
| 42.5°  | 666.6  | 666.7  | 668.6  | 666.3  | 668.6  | 666.7  | 666.6  | 663.9  | 660.6  | 661.2  | 662.5  |
| 45°    | 627.6  | 631.8  | 631.1  | 631.1  | 631.1  | 631.8  | 627.6  | 622.7  | 622.1  | 619.2  | 619.2  |
| 47.5°  | 585.0  | 588.7  | 589.7  | 589.5  | 589.7  | 588.7  | 585.0  | 583.2  | 580.0  | 577.2  | 576.9  |
| 50°    | 557.1  | 555.7  | 557.8  | 557.1  | 557.8  | 555.7  | 557.1  | 553.6  | 548.8  | 548.8  | 547.3  |
| 52.5°  | 523.0  | 523.3  | 523.2  | 522.5  | 523.2  | 523.3  | 523.0  | 521.2  | 519.2  | 516.8  | 516.0  |
| 55°    | 470.5  | 471.2  | 469.8  | 470.5  | 469.8  | 471.2  | 470.5  | 469.8  | 469.8  | 468.5  | 469.8  |
| 57.5°  | 413.5  | 410.2  | 411.6  | 409.9  | 411.6  | 410.2  | 413.5  | 416.7  | 417.8  | 418.1  | 420.1  |
| 60°    | 372.8  | 367.2  | 365.8  | 363.0  | 365.8  | 367.2  | 372.8  | 379.8  | 382.5  | 384.0  | 386.1  |
| 62.5°  | 327.0  | 323.1  | 318.3  | 320.5  | 318.3  | 323.1  | 327.0  | 334.6  | 340.7  | 345.5  | 350.3  |
| 65°    | 266.0  | 263.2  | 261.1  | 263.9  | 261.1  | 263.2  | 266.0  | 271.6  | 277.1  | 288.3  | 298.8  |
| 67.5°  | 220.2  | 218.6  | 218.6  | 217.2  | 218.6  | 218.6  | 220.2  | 223.0  | 226.5  | 232.6  | 242.4  |
| 70°    | 196.2  | 194.1  | 194.1  | 192.7  | 194.1  | 194.1  | 196.2  | 196.2  | 199.7  | 202.5  | 209.4  |
| 72.5°  | 171.6  | 169.5  | 170.1  | 169.3  | 170.1  | 169.5  | 171.6  | 172.2  | 175.6  | 176.7  | 179.9  |
| 75°    | 127.0  | 123.6  | 123.6  | 124.3  | 123.6  | 123.6  | 127.0  | 131.3  | 134.7  | 141.0  | 142.4  |
| 77.5°  | 94.8   | 94.1   | 95.1   | 93.8   | 95.1   | 94.1   | 94.8   | 94.8   | 95.5   | 98.5   | 100.8  |
| 80°    | 77.5   | 76.7   | 76.1   | 78.2   | 76.1   | 76.7   | 77.5   | 77.5   | 78.2   | 78.9   | 79.6   |
| 82.5°  | 60.2   | 60.1   | 59.9   | 62.5   | 59.9   | 60.1   | 60.2   | 61.3   | 61.4   | 61.0   | 61.7   |
| 85°    | 36.3   | 34.9   | 36.3   | 34.9   | 36.3   | 34.9   | 36.3   | 35.6   | 36.3   | 35.6   | 36.3   |
| 87.5°  | 18.7   | 18.3   | 17.8   | 18.4   | 17.8   | 18.3   | 18.7   | 17.5   | 17.4   | 18.2   | 17.4   |
| 90°    | 29.3   | 29.8   | 30.2   | 30.7   | 30.2   | 29.8   | 29.3   | 28.9   | 28.0   | 26.6   | 25.2   |
| 92.5°  | 28.0   | 28.1   | 28.2   | 28.3   | 28.2   | 28.1   | 28.0   | 27.9   | 27.2   | 25.8   | 24.4   |
| 95°    | 29.0   | 29.2   | 29.5   | 29.7   | 29.5   | 29.2   | 29.0   | 28.8   | 28.0   | 26.6   | 25.2   |
| 97.5°  | 28.0   | 28.2   | 28.4   | 28.7   | 28.4   | 28.2   | 28.0   | 27.8   | 27.6   | 27.5   | 27.3   |
| 100°   | 28.0   | 28.2   | 28.4   | 28.7   | 28.4   | 28.2   | 28.0   | 27.8   | 29.6   | 33.4   | 37.3   |
| 102.5° | 29.3   | 29.4   | 29.4   | 29.5   | 29.4   | 29.4   | 29.3   | 29.3   | 50.1   | 91.8   | 133.5  |
| 105°   | 316.2  | 308.0  | 299.8  | 291.6  | 299.8  | 308.0  | 316.2  | 324.4  | 327.4  | 325.4  | 323.4  |
| 107.5° | 403.8  | 404.7  | 405.6  | 406.4  | 405.6  | 404.7  | 403.8  | 402.9  | 402.0  | 401.0  | 400.0  |
| 110°   | 454.3  | 454.9  | 455.7  | 456.4  | 455.7  | 454.9  | 454.3  | 453.6  | 453.0  | 452.6  | 452.1  |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 503.7  | 504.5  | 505.4  | 506.2  | 505.4  | 504.5  | 503.7  | 502.8  | 502.4  | 502.5  | 502.6  |
| 115°   | 579.2  | 579.2  | 579.2  | 579.2  | 579.2  | 579.2  | 579.2  | 579.2  | 578.9  | 578.5  | 577.9  |
| 117.5° | 653.5  | 653.4  | 653.3  | 653.2  | 653.3  | 653.4  | 653.5  | 653.6  | 653.7  | 653.8  | 653.8  |
| 120°   | 701.3  | 700.7  | 700.3  | 699.8  | 700.3  | 700.7  | 701.3  | 701.7  | 701.7  | 701.3  | 700.7  |
| 122.5° | 747.1  | 746.6  | 746.2  | 745.7  | 746.2  | 746.6  | 747.1  | 747.5  | 747.6  | 747.3  | 747.1  |
| 125°   | 813.7  | 814.0  | 814.3  | 814.5  | 814.3  | 814.0  | 813.7  | 813.5  | 813.0  | 812.4  | 811.7  |
| 127.5° | 875.4  | 875.1  | 874.9  | 874.8  | 874.9  | 875.1  | 875.4  | 875.6  | 875.7  | 875.9  | 876.0  |
| 130°   | 915.7  | 915.7  | 915.7  | 915.7  | 915.7  | 915.7  | 915.7  | 915.7  | 915.6  | 915.4  | 915.1  |
| 132.5° | 953.9  | 953.7  | 953.6  | 953.4  | 953.6  | 953.7  | 953.9  | 954.1  | 954.1  | 953.9  | 953.6  |
| 135°   | 1008.6 | 1009.0 | 1009.5 | 1009.9 | 1009.5 | 1009.0 | 1008.6 | 1008.0 | 1007.6 | 1007.1 | 1006.7 |
| 137.5° | 1058.5 | 1058.4 | 1058.3 | 1058.1 | 1058.3 | 1058.4 | 1058.5 | 1058.7 | 1058.5 | 1058.0 | 1057.5 |
| 140°   | 1091.1 | 1091.3 | 1091.5 | 1091.8 | 1091.5 | 1091.3 | 1091.1 | 1090.9 | 1090.4 | 1089.6 | 1089.0 |
| 142.5° | 1119.4 | 1119.4 | 1119.5 | 1119.5 | 1119.5 | 1119.4 | 1119.4 | 1119.3 | 1119.1 | 1118.6 | 1118.1 |
| 145°   | 1160.9 | 1161.4 | 1161.8 | 1162.4 | 1161.8 | 1161.4 | 1160.9 | 1160.5 | 1160.1 | 1159.9 | 1159.7 |
| 147.5° | 1197.1 | 1197.3 | 1197.5 | 1197.7 | 1197.5 | 1197.3 | 1197.1 | 1196.8 | 1196.6 | 1196.4 | 1196.3 |
| 150°   | 1219.9 | 1220.2 | 1220.4 | 1220.6 | 1220.4 | 1220.2 | 1219.9 | 1219.7 | 1219.6 | 1219.6 | 1219.6 |
| 152.5° | 1240.7 | 1240.5 | 1240.4 | 1240.3 | 1240.4 | 1240.5 | 1240.7 | 1240.8 | 1240.7 | 1240.3 | 1240.0 |
| 155°   | 1268.7 | 1268.1 | 1267.4 | 1266.7 | 1267.4 | 1268.1 | 1268.7 | 1269.4 | 1269.3 | 1268.4 | 1267.5 |
| 157.5° | 1292.3 | 1291.1 | 1290.0 | 1288.8 | 1290.0 | 1291.1 | 1292.3 | 1293.5 | 1293.5 | 1292.3 | 1291.1 |
| 160°   | 1307.6 | 1306.3 | 1304.8 | 1303.5 | 1304.8 | 1306.3 | 1307.6 | 1309.0 | 1309.0 | 1307.6 | 1306.3 |
| 162.5° | 1319.6 | 1318.1 | 1316.6 | 1314.9 | 1316.6 | 1318.1 | 1319.6 | 1321.2 | 1321.2 | 1319.9 | 1318.5 |
| 165°   | 1337.3 | 1335.2 | 1333.2 | 1331.1 | 1333.2 | 1335.2 | 1337.3 | 1339.3 | 1339.5 | 1337.7 | 1335.8 |
| 167.5° | 1350.1 | 1347.8 | 1345.5 | 1343.2 | 1345.5 | 1347.8 | 1350.1 | 1352.3 | 1352.4 | 1350.5 | 1348.5 |
| 170°   | 1357.4 | 1355.1 | 1352.8 | 1350.6 | 1352.8 | 1355.1 | 1357.4 | 1359.7 | 1359.9 | 1358.1 | 1356.2 |
| 172.5° | 1362.0 | 1359.6 | 1357.2 | 1354.6 | 1357.2 | 1359.6 | 1362.0 | 1364.5 | 1364.8 | 1363.0 | 1361.2 |
| 175°   | 1368.0 | 1365.2 | 1362.5 | 1359.8 | 1362.5 | 1365.2 | 1368.0 | 1370.7 | 1371.1 | 1369.0 | 1367.0 |
| 177.5° | 1369.6 | 1367.5 | 1365.2 | 1363.1 | 1365.2 | 1367.5 | 1369.6 | 1371.8 | 1372.2 | 1370.7 | 1369.3 |
| 180°   | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5°   | 1657.4 | 1661.2 | 1670.2 | 1680.2 | 1688.6 | 1695.9 | 1701.4 | 1709.3 | 1716.6 | 1726.6 | 1736.1 |
| 5°     | 1556.8 | 1566.6 | 1580.5 | 1597.3 | 1618.2 | 1632.2 | 1649.7 | 1665.1 | 1687.4 | 1709.7 | 1731.3 |
| 7.5°   | 1468.5 | 1479.4 | 1499.9 | 1523.0 | 1547.9 | 1570.7 | 1591.4 | 1618.5 | 1648.1 | 1680.6 | 1717.0 |
| 10°    | 1411.6 | 1423.5 | 1447.9 | 1474.4 | 1503.8 | 1526.1 | 1554.0 | 1586.1 | 1619.6 | 1659.4 | 1704.1 |
| 12.5°  | 1360.2 | 1371.5 | 1401.0 | 1428.1 | 1458.5 | 1483.1 | 1515.5 | 1548.1 | 1592.9 | 1636.0 | 1686.8 |
| 15°    | 1260.1 | 1290.1 | 1323.6 | 1355.7 | 1392.1 | 1422.1 | 1461.2 | 1494.7 | 1537.3 | 1598.0 | 1656.0 |
| 17.5°  | 1148.9 | 1180.9 | 1222.5 | 1272.1 | 1320.8 | 1358.0 | 1397.7 | 1439.3 | 1490.0 | 1552.0 | 1618.8 |
| 20°    | 1084.2 | 1110.0 | 1156.1 | 1211.2 | 1267.8 | 1319.5 | 1355.7 | 1401.8 | 1454.2 | 1521.3 | 1590.3 |
| 22.5°  | 1035.6 | 1057.5 | 1093.6 | 1148.7 | 1209.7 | 1269.7 | 1316.1 | 1361.6 | 1419.6 | 1486.6 | 1561.9 |
| 25°    | 962.7  | 986.4  | 1017.8 | 1055.6 | 1125.4 | 1188.9 | 1249.6 | 1302.0 | 1363.4 | 1430.5 | 1514.2 |
| 27.5°  | 902.1  | 922.8  | 951.5  | 990.8  | 1037.7 | 1107.8 | 1181.3 | 1241.1 | 1304.1 | 1376.0 | 1460.0 |
| 30°    | 866.4  | 883.1  | 906.9  | 946.6  | 991.4  | 1054.2 | 1128.8 | 1198.7 | 1262.2 | 1336.9 | 1424.2 |
| 32.5°  | 829.0  | 846.9  | 870.0  | 901.4  | 949.5  | 1002.2 | 1076.9 | 1153.5 | 1220.9 | 1297.3 | 1382.8 |
| 35°    | 779.1  | 793.0  | 814.1  | 846.2  | 889.4  | 935.4  | 1001.8 | 1080.7 | 1152.0 | 1233.6 | 1315.2 |
| 37.5°  | 728.7  | 745.2  | 761.6  | 790.3  | 825.8  | 875.4  | 929.6  | 1010.2 | 1089.0 | 1163.7 | 1243.3 |
| 40°    | 700.2  | 710.0  | 728.1  | 751.1  | 788.9  | 832.8  | 883.8  | 962.7  | 1041.6 | 1115.6 | 1195.9 |
| 42.5°  | 668.4  | 679.2  | 694.6  | 717.7  | 751.4  | 794.4  | 844.1  | 912.4  | 994.7  | 1066.4 | 1139.4 |
| 45°    | 624.1  | 630.4  | 645.8  | 665.3  | 693.3  | 736.5  | 782.6  | 843.3  | 920.8  | 989.3  | 1053.5 |
| 47.5°  | 579.5  | 584.9  | 594.5  | 612.4  | 643.7  | 678.4  | 721.5  | 776.1  | 844.0  | 912.4  | 966.7  |
| 50°    | 548.8  | 553.6  | 562.7  | 579.5  | 607.3  | 641.6  | 684.2  | 733.1  | 793.8  | 859.4  | 904.7  |
| 52.5°  | 518.0  | 520.7  | 529.2  | 548.2  | 571.6  | 605.3  | 643.4  | 688.3  | 745.2  | 799.6  | 845.6  |
| 55°    | 469.2  | 475.4  | 481.0  | 494.9  | 517.4  | 549.5  | 583.6  | 626.2  | 670.2  | 716.3  | 755.4  |
| 57.5°  | 418.2  | 425.1  | 433.1  | 445.5  | 463.1  | 493.0  | 523.7  | 558.3  | 595.8  | 634.0  | 666.8  |
| 60°    | 384.7  | 390.9  | 397.9  | 411.9  | 428.0  | 451.7  | 485.2  | 515.2  | 543.8  | 578.8  | 611.6  |
| 62.5°  | 351.7  | 358.0  | 366.1  | 377.3  | 392.7  | 415.4  | 443.3  | 469.4  | 499.2  | 529.6  | 554.0  |
| 65°    | 303.0  | 307.9  | 314.2  | 324.7  | 339.3  | 359.5  | 382.5  | 402.8  | 429.4  | 451.7  | 474.0  |
| 67.5°  | 249.5  | 258.8  | 267.1  | 275.6  | 288.0  | 306.9  | 323.6  | 343.0  | 360.9  | 377.6  | 397.9  |
| 70°    | 214.3  | 224.8  | 232.5  | 241.6  | 253.4  | 269.4  | 285.5  | 298.8  | 313.5  | 329.5  | 347.7  |
| 72.5°  | 184.7  | 193.0  | 198.9  | 208.6  | 219.3  | 234.3  | 249.2  | 260.2  | 272.2  | 283.2  | 300.7  |
| 75°    | 145.9  | 149.4  | 153.6  | 161.3  | 171.1  | 182.2  | 194.1  | 203.9  | 210.9  | 220.7  | 233.2  |
| 77.5°  | 104.8  | 111.6  | 114.3  | 119.8  | 126.7  | 133.8  | 141.6  | 149.9  | 156.5  | 160.0  | 169.7  |
| 80°    | 80.3   | 83.1   | 85.8   | 93.5   | 97.8   | 104.7  | 110.3  | 118.0  | 120.8  | 124.3  | 133.3  |
| 82.5°  | 62.4   | 64.1   | 65.7   | 67.9   | 70.4   | 77.4   | 82.9   | 87.9   | 90.6   | 91.9   | 98.8   |
| 85°    | 36.3   | 37.0   | 37.7   | 38.4   | 39.1   | 39.1   | 41.9   | 45.3   | 50.3   | 50.3   | 52.3   |
| 87.5°  | 17.1   | 17.4   | 17.0   | 16.1   | 16.9   | 16.5   | 16.6   | 16.1   | 17.3   | 18.4   | 19.6   |
| 90°    | 23.8   | 22.5   | 20.7   | 18.9   | 17.1   | 15.2   | 13.0   | 10.6   | 8.1    | 5.6    | 3.0    |
| 92.5°  | 23.0   | 21.7   | 19.9   | 18.1   | 16.3   | 14.4   | 13.4   | 13.3   | 13.1   | 13.0   | 12.9   |
| 95°    | 23.8   | 22.5   | 22.3   | 22.0   | 21.8   | 21.6   | 25.3   | 33.1   | 40.8   | 48.6   | 56.2   |
| 97.5°  | 27.2   | 27.0   | 52.4   | 77.8   | 103.1  | 128.6  | 138.8  | 134.0  | 129.2  | 124.3  | 119.5  |
| 100°   | 41.2   | 45.0   | 76.4   | 107.8  | 139.2  | 170.6  | 184.2  | 180.1  | 176.0  | 171.9  | 167.8  |
| 102.5° | 175.2  | 216.9  | 221.0  | 225.1  | 229.2  | 233.3  | 233.8  | 230.9  | 227.8  | 224.8  | 221.9  |
| 105°   | 321.2  | 319.2  | 318.1  | 317.0  | 315.8  | 314.7  | 313.5  | 312.0  | 310.7  | 309.3  | 308.0  |
| 107.5° | 399.0  | 398.0  | 396.5  | 395.0  | 393.3  | 391.8  | 390.7  | 390.0  | 389.3  | 388.7  | 388.0  |
| 110°   | 451.7  | 451.2  | 449.9  | 448.5  | 447.2  | 445.8  | 444.7  | 444.0  | 443.3  | 442.7  | 442.0  |



TEST NUMBER: P333083-840

CATALOG NUMBER: S124RDIW-S1020D1050U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 502.7  | 502.8  | 502.1  | 501.5  | 500.9  | 500.3  | 499.3  | 498.1  | 496.9  | 495.6  | 494.4  |
| 115°   | 577.5  | 577.0  | 577.3  | 577.5  | 577.7  | 577.9  | 577.7  | 577.0  | 576.4  | 575.7  | 575.0  |
| 117.5° | 653.9  | 654.0  | 653.5  | 653.0  | 652.5  | 652.0  | 651.3  | 650.4  | 649.4  | 648.5  | 647.6  |
| 120°   | 700.3  | 699.8  | 700.0  | 700.3  | 700.5  | 700.7  | 700.4  | 699.5  | 698.6  | 697.7  | 696.8  |
| 122.5° | 746.8  | 746.5  | 746.2  | 745.9  | 745.6  | 745.3  | 744.8  | 744.3  | 743.7  | 743.2  | 742.7  |
| 125°   | 811.0  | 810.3  | 810.8  | 811.2  | 811.7  | 812.1  | 811.9  | 811.0  | 810.1  | 809.2  | 808.3  |
| 127.5° | 876.2  | 876.3  | 875.1  | 874.1  | 873.1  | 872.0  | 871.4  | 871.2  | 871.0  | 870.7  | 870.5  |
| 130°   | 914.9  | 914.7  | 914.0  | 913.3  | 912.7  | 912.0  | 911.5  | 911.3  | 911.1  | 910.9  | 910.6  |
| 132.5° | 953.4  | 953.2  | 952.3  | 951.5  | 950.6  | 949.8  | 949.1  | 948.7  | 948.3  | 947.9  | 947.5  |
| 135°   | 1006.2 | 1005.8 | 1004.9 | 1004.0 | 1003.1 | 1002.2 | 1001.8 | 1002.0 | 1002.3 | 1002.5 | 1002.7 |
| 137.5° | 1057.0 | 1056.5 | 1055.5 | 1054.5 | 1053.5 | 1052.5 | 1052.0 | 1051.9 | 1051.8 | 1051.7 | 1051.6 |
| 140°   | 1088.3 | 1087.6 | 1087.2 | 1086.7 | 1086.3 | 1085.8 | 1085.4 | 1084.9 | 1084.5 | 1084.0 | 1083.6 |
| 142.5° | 1117.6 | 1117.1 | 1116.8 | 1116.5 | 1116.3 | 1116.0 | 1115.5 | 1114.7 | 1113.8 | 1113.0 | 1112.2 |
| 145°   | 1159.5 | 1159.2 | 1159.2 | 1159.2 | 1159.2 | 1159.2 | 1158.9 | 1158.2 | 1157.5 | 1156.9 | 1156.2 |
| 147.5° | 1196.1 | 1195.9 | 1196.1 | 1196.4 | 1196.6 | 1196.8 | 1196.3 | 1195.0 | 1193.8 | 1192.4 | 1191.1 |
| 150°   | 1219.6 | 1219.6 | 1219.8 | 1220.1 | 1220.3 | 1220.5 | 1220.2 | 1219.3 | 1218.4 | 1217.5 | 1216.6 |
| 152.5° | 1239.6 | 1239.3 | 1239.7 | 1240.1 | 1240.5 | 1240.9 | 1240.7 | 1240.0 | 1239.3 | 1238.6 | 1237.8 |
| 155°   | 1266.6 | 1265.7 | 1266.4 | 1267.1 | 1267.7 | 1268.4 | 1268.6 | 1268.4 | 1268.2 | 1268.0 | 1267.7 |
| 157.5° | 1290.0 | 1288.8 | 1289.6 | 1290.3 | 1291.1 | 1291.9 | 1292.3 | 1292.4 | 1292.6 | 1292.7 | 1292.9 |
| 160°   | 1304.8 | 1303.5 | 1303.7 | 1303.9 | 1304.2 | 1304.4 | 1304.8 | 1305.6 | 1306.3 | 1307.0 | 1307.6 |
| 162.5° | 1317.2 | 1315.8 | 1316.1 | 1316.3 | 1316.5 | 1316.7 | 1317.3 | 1318.1 | 1319.0 | 1319.9 | 1320.7 |
| 165°   | 1334.0 | 1332.2 | 1332.2 | 1332.2 | 1332.2 | 1332.2 | 1332.7 | 1333.8 | 1335.0 | 1336.2 | 1337.3 |
| 167.5° | 1346.5 | 1344.4 | 1344.6 | 1344.7 | 1344.8 | 1345.0 | 1345.6 | 1346.9 | 1348.1 | 1349.2 | 1350.4 |
| 170°   | 1354.4 | 1352.6 | 1352.4 | 1352.2 | 1351.9 | 1351.7 | 1352.3 | 1353.6 | 1355.0 | 1356.3 | 1357.8 |
| 172.5° | 1359.4 | 1357.6 | 1357.4 | 1357.1 | 1356.9 | 1356.7 | 1357.2 | 1358.6 | 1359.9 | 1361.3 | 1362.6 |
| 175°   | 1364.9 | 1362.9 | 1362.6 | 1362.4 | 1362.2 | 1362.0 | 1362.5 | 1363.9 | 1365.2 | 1366.7 | 1368.0 |
| 177.5° | 1367.8 | 1366.3 | 1365.9 | 1365.6 | 1365.2 | 1364.9 | 1365.3 | 1366.7 | 1367.9 | 1369.2 | 1370.4 |
| 180°   | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 |



TEST NUMBER: P333083-840

CATALOG NUMBER: S124RDIW-S1020D1050U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5°   | 1743.3 | 1748.4 | 1753.9 | 1764.5 | 1773.5 | 1777.5 | 1785.2 | 1790.8 | 1789.2 | 1797.0 | 1810.4 |
| 5°     | 1750.2 | 1769.1 | 1790.7 | 1813.0 | 1838.2 | 1859.1 | 1875.8 | 1892.6 | 1905.9 | 1922.0 | 1945.7 |
| 7.5°   | 1749.1 | 1782.6 | 1819.1 | 1859.1 | 1900.3 | 1935.9 | 1968.8 | 2002.4 | 2032.1 | 2064.7 | 2107.2 |
| 10°    | 1744.6 | 1789.3 | 1834.6 | 1887.0 | 1939.3 | 1988.9 | 2033.7 | 2075.5 | 2115.4 | 2157.9 | 2211.7 |
| 12.5°  | 1739.6 | 1791.0 | 1845.8 | 1908.8 | 1974.0 | 2033.7 | 2086.2 | 2146.5 | 2196.3 | 2251.2 | 2313.3 |
| 15°    | 1717.4 | 1786.5 | 1861.2 | 1942.9 | 2021.0 | 2101.3 | 2173.2 | 2247.3 | 2316.3 | 2382.0 | 2460.2 |
| 17.5°  | 1691.9 | 1771.7 | 1859.8 | 1956.3 | 2050.2 | 2147.9 | 2233.1 | 2326.4 | 2397.1 | 2485.2 | 2557.8 |
| 20°    | 1671.3 | 1757.2 | 1851.4 | 1959.6 | 2066.5 | 2174.6 | 2268.9 | 2363.9 | 2443.5 | 2532.1 | 2624.2 |
| 22.5°  | 1646.2 | 1740.4 | 1842.5 | 1954.6 | 2066.5 | 2184.7 | 2289.0 | 2383.4 | 2481.9 | 2581.8 | 2676.7 |
| 25°    | 1605.7 | 1703.4 | 1811.6 | 1934.5 | 2063.0 | 2183.7 | 2295.4 | 2412.7 | 2518.8 | 2627.1 | 2712.2 |
| 27.5°  | 1556.0 | 1658.6 | 1772.7 | 1899.5 | 2031.2 | 2155.0 | 2286.5 | 2411.5 | 2518.3 | 2622.4 | 2696.7 |
| 30°    | 1516.3 | 1624.6 | 1734.1 | 1862.6 | 1999.4 | 2132.0 | 2273.1 | 2398.0 | 2510.4 | 2604.0 | 2645.8 |
| 32.5°  | 1475.5 | 1578.2 | 1691.1 | 1821.3 | 1961.5 | 2104.2 | 2244.0 | 2371.8 | 2475.8 | 2531.9 | 2533.0 |
| 35°    | 1404.6 | 1501.0 | 1618.2 | 1746.1 | 1889.9 | 2044.8 | 2186.6 | 2312.2 | 2375.7 | 2380.6 | 2312.2 |
| 37.5°  | 1327.3 | 1415.6 | 1526.4 | 1654.3 | 1811.8 | 1965.9 | 2110.7 | 2194.4 | 2215.7 | 2144.7 | 2018.1 |
| 40°    | 1272.0 | 1353.6 | 1460.5 | 1591.7 | 1748.1 | 1907.2 | 2039.2 | 2100.6 | 2078.3 | 1963.1 | 1822.1 |
| 42.5°  | 1213.9 | 1290.0 | 1392.9 | 1522.5 | 1679.4 | 1840.3 | 1952.7 | 1985.6 | 1926.4 | 1793.3 | 1628.3 |
| 45°    | 1119.1 | 1188.9 | 1290.8 | 1421.4 | 1572.2 | 1722.9 | 1808.2 | 1791.4 | 1692.9 | 1535.2 | 1350.2 |
| 47.5°  | 1020.4 | 1087.8 | 1179.5 | 1300.3 | 1454.7 | 1584.9 | 1642.5 | 1592.1 | 1452.0 | 1278.4 | 1127.9 |
| 50°    | 955.0  | 1024.1 | 1108.6 | 1223.9 | 1364.8 | 1490.5 | 1527.5 | 1450.7 | 1295.1 | 1128.1 | 990.0  |
| 52.5°  | 890.8  | 949.9  | 1032.7 | 1144.0 | 1278.8 | 1384.9 | 1404.6 | 1316.1 | 1155.4 | 1005.8 | 883.2  |
| 55°    | 793.0  | 846.9  | 916.7  | 1021.4 | 1137.9 | 1228.0 | 1217.5 | 1103.8 | 957.9  | 830.1  | 733.8  |
| 57.5°  | 698.5  | 739.0  | 803.5  | 901.7  | 1004.0 | 1064.5 | 1026.2 | 929.2  | 793.2  | 688.6  | 607.3  |
| 60°    | 636.0  | 673.7  | 733.8  | 819.6  | 909.7  | 943.8  | 911.7  | 806.4  | 698.8  | 603.2  | 534.7  |
| 62.5°  | 576.8  | 610.1  | 661.7  | 741.4  | 814.2  | 834.4  | 800.0  | 708.0  | 611.2  | 529.5  | 472.8  |
| 65°    | 490.8  | 521.5  | 565.5  | 622.1  | 672.3  | 682.1  | 659.7  | 565.5  | 492.2  | 423.7  | 384.7  |
| 67.5°  | 412.7  | 432.8  | 467.2  | 516.0  | 542.7  | 548.5  | 505.3  | 446.1  | 381.4  | 339.4  | 309.9  |
| 70°    | 360.2  | 374.2  | 406.3  | 432.8  | 454.4  | 455.1  | 415.4  | 367.9  | 318.3  | 284.2  | 262.5  |
| 72.5°  | 309.4  | 322.9  | 347.1  | 365.3  | 381.8  | 376.5  | 340.0  | 302.6  | 262.5  | 236.7  | 220.7  |
| 75°    | 238.7  | 250.6  | 263.2  | 271.6  | 271.6  | 264.6  | 238.0  | 210.2  | 187.1  | 171.8  | 166.8  |
| 77.5°  | 173.6  | 183.3  | 187.5  | 186.2  | 183.8  | 172.9  | 156.1  | 137.8  | 129.6  | 122.3  | 118.7  |
| 80°    | 136.1  | 140.4  | 141.7  | 138.3  | 134.0  | 121.5  | 110.3  | 102.6  | 94.9   | 92.2   | 90.8   |
| 82.5°  | 101.0  | 104.6  | 101.0  | 101.9  | 92.7   | 82.4   | 76.2   | 73.6   | 70.4   | 69.3   | 67.9   |
| 85°    | 53.7   | 53.0   | 51.7   | 48.2   | 41.9   | 40.5   | 39.8   | 39.1   | 37.7   | 38.4   | 37.0   |
| 87.5°  | 19.6   | 18.4   | 16.7   | 16.6   | 17.0   | 16.3   | 17.2   | 17.6   | 17.9   | 17.6   | 19.0   |
| 90°    | 5.6    | 8.1    | 10.6   | 13.0   | 15.2   | 17.1   | 18.9   | 20.7   | 22.5   | 23.8   | 25.2   |
| 92.5°  | 13.0   | 13.1   | 13.3   | 13.4   | 14.4   | 16.3   | 18.1   | 19.9   | 21.7   | 23.0   | 24.4   |
| 95°    | 48.6   | 40.8   | 33.1   | 25.3   | 21.6   | 21.8   | 22.0   | 22.3   | 22.5   | 23.8   | 25.2   |
| 97.5°  | 124.3  | 129.2  | 134.0  | 138.8  | 128.6  | 103.1  | 77.8   | 52.4   | 27.0   | 27.2   | 27.3   |
| 100°   | 171.9  | 176.0  | 180.1  | 184.2  | 170.6  | 139.2  | 107.8  | 76.4   | 45.0   | 41.2   | 37.3   |
| 102.5° | 224.8  | 227.8  | 230.9  | 233.8  | 233.3  | 229.2  | 225.1  | 221.0  | 216.9  | 175.2  | 133.5  |
| 105°   | 309.3  | 310.7  | 312.0  | 313.5  | 314.7  | 315.8  | 317.0  | 318.1  | 319.2  | 321.2  | 323.4  |
| 107.5° | 388.7  | 389.3  | 390.0  | 390.7  | 391.8  | 393.3  | 395.0  | 396.5  | 398.0  | 399.0  | 400.0  |
| 110°   | 442.7  | 443.3  | 444.0  | 444.7  | 445.8  | 447.2  | 448.5  | 449.9  | 451.2  | 451.7  | 452.1  |





TEST NUMBER: P333083-840

CATALOG NUMBER: S124RDIW-S1020D1050U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 495.6  | 496.9  | 498.1  | 499.3  | 500.3  | 500.9  | 501.5  | 502.1  | 502.8  | 502.7  | 502.6  |
| 115°   | 575.7  | 576.4  | 577.0  | 577.7  | 577.9  | 577.7  | 577.5  | 577.3  | 577.0  | 577.5  | 577.9  |
| 117.5° | 648.5  | 649.4  | 650.4  | 651.3  | 652.0  | 652.5  | 653.0  | 653.5  | 654.0  | 653.9  | 653.8  |
| 120°   | 697.7  | 698.6  | 699.5  | 700.4  | 700.7  | 700.5  | 700.3  | 700.0  | 699.8  | 700.3  | 700.7  |
| 122.5° | 743.2  | 743.7  | 744.3  | 744.8  | 745.3  | 745.6  | 745.9  | 746.2  | 746.5  | 746.8  | 747.1  |
| 125°   | 809.2  | 810.1  | 811.0  | 811.9  | 812.1  | 811.7  | 811.2  | 810.8  | 810.3  | 811.0  | 811.7  |
| 127.5° | 870.7  | 871.0  | 871.2  | 871.4  | 872.0  | 873.1  | 874.1  | 875.1  | 876.3  | 876.2  | 876.0  |
| 130°   | 910.9  | 911.1  | 911.3  | 911.5  | 912.0  | 912.7  | 913.3  | 914.0  | 914.7  | 914.9  | 915.1  |
| 132.5° | 947.9  | 948.3  | 948.7  | 949.1  | 949.8  | 950.6  | 951.5  | 952.3  | 953.2  | 953.4  | 953.6  |
| 135°   | 1002.5 | 1002.3 | 1002.0 | 1001.8 | 1002.2 | 1003.1 | 1004.0 | 1004.9 | 1005.8 | 1006.2 | 1006.7 |
| 137.5° | 1051.7 | 1051.8 | 1051.9 | 1052.0 | 1052.5 | 1053.5 | 1054.5 | 1055.5 | 1056.5 | 1057.0 | 1057.5 |
| 140°   | 1084.0 | 1084.5 | 1084.9 | 1085.4 | 1085.8 | 1086.3 | 1086.7 | 1087.2 | 1087.6 | 1088.3 | 1089.0 |
| 142.5° | 1113.0 | 1113.8 | 1114.7 | 1115.5 | 1116.0 | 1116.3 | 1116.5 | 1116.8 | 1117.1 | 1117.6 | 1118.1 |
| 145°   | 1156.9 | 1157.5 | 1158.2 | 1158.9 | 1159.2 | 1159.2 | 1159.2 | 1159.2 | 1159.2 | 1159.5 | 1159.7 |
| 147.5° | 1192.4 | 1193.8 | 1195.0 | 1196.3 | 1196.8 | 1196.6 | 1196.4 | 1196.1 | 1195.9 | 1196.1 | 1196.3 |
| 150°   | 1217.5 | 1218.4 | 1219.3 | 1220.2 | 1220.5 | 1220.3 | 1220.1 | 1219.8 | 1219.6 | 1219.6 | 1219.6 |
| 152.5° | 1238.6 | 1239.3 | 1240.0 | 1240.7 | 1240.9 | 1240.5 | 1240.1 | 1239.7 | 1239.3 | 1239.6 | 1240.0 |
| 155°   | 1268.0 | 1268.2 | 1268.4 | 1268.6 | 1268.4 | 1267.7 | 1267.1 | 1266.4 | 1265.7 | 1266.6 | 1267.5 |
| 157.5° | 1292.7 | 1292.6 | 1292.4 | 1292.3 | 1291.9 | 1291.1 | 1290.3 | 1289.6 | 1288.8 | 1290.0 | 1291.1 |
| 160°   | 1307.0 | 1306.3 | 1305.6 | 1304.8 | 1304.4 | 1304.2 | 1303.9 | 1303.7 | 1303.5 | 1304.8 | 1306.3 |
| 162.5° | 1319.9 | 1319.0 | 1318.1 | 1317.3 | 1316.7 | 1316.5 | 1316.3 | 1316.1 | 1315.8 | 1317.2 | 1318.5 |
| 165°   | 1336.2 | 1335.0 | 1333.8 | 1332.7 | 1332.2 | 1332.2 | 1332.2 | 1332.2 | 1332.2 | 1334.0 | 1335.8 |
| 167.5° | 1349.2 | 1348.1 | 1346.9 | 1345.6 | 1345.0 | 1344.8 | 1344.7 | 1344.6 | 1344.4 | 1346.5 | 1348.5 |
| 170°   | 1356.3 | 1355.0 | 1353.6 | 1352.3 | 1351.7 | 1351.9 | 1352.2 | 1352.4 | 1352.6 | 1354.4 | 1356.2 |
| 172.5° | 1361.3 | 1359.9 | 1358.6 | 1357.2 | 1356.7 | 1356.9 | 1357.1 | 1357.4 | 1357.6 | 1359.4 | 1361.2 |
| 175°   | 1366.7 | 1365.2 | 1363.9 | 1362.5 | 1362.0 | 1362.2 | 1362.4 | 1362.6 | 1362.9 | 1364.9 | 1367.0 |
| 177.5° | 1369.2 | 1367.9 | 1366.7 | 1365.3 | 1364.9 | 1365.2 | 1365.6 | 1365.9 | 1366.3 | 1367.8 | 1369.3 |
| 180°   | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 |



TEST NUMBER: P333083-840

CATALOG NUMBER: S124RDIW-S1020D1050U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 | 1732.7 |
| 2.5°   | 1817.7 | 1819.9 | 1821.6 | 1827.1 | 1827.7 | 1832.7 | 1827.7 |
| 5°     | 1968.0 | 1977.8 | 1993.2 | 2008.5 | 2009.9 | 2019.6 | 2002.3 |
| 7.5°   | 2136.7 | 2159.3 | 2173.4 | 2198.3 | 2208.1 | 2214.1 | 2204.1 |
| 10°    | 2252.8 | 2273.8 | 2310.8 | 2329.0 | 2347.1 | 2349.9 | 2341.5 |
| 12.5°  | 2365.1 | 2398.3 | 2427.5 | 2461.8 | 2461.0 | 2485.6 | 2476.7 |
| 15°    | 2514.7 | 2548.9 | 2589.3 | 2627.8 | 2641.7 | 2641.7 | 2652.9 |
| 17.5°  | 2621.3 | 2684.0 | 2725.9 | 2756.0 | 2789.0 | 2794.7 | 2790.9 |
| 20°    | 2693.4 | 2761.1 | 2805.8 | 2844.9 | 2867.2 | 2873.5 | 2873.5 |
| 22.5°  | 2746.9 | 2804.6 | 2848.2 | 2883.4 | 2901.8 | 2909.2 | 2907.0 |
| 25°    | 2784.1 | 2833.7 | 2860.2 | 2870.6 | 2875.6 | 2874.2 | 2860.9 |
| 27.5°  | 2733.3 | 2731.1 | 2714.3 | 2682.2 | 2658.1 | 2643.4 | 2626.7 |
| 30°    | 2636.2 | 2599.8 | 2557.9 | 2511.8 | 2452.6 | 2407.1 | 2393.2 |
| 32.5°  | 2491.4 | 2409.9 | 2338.9 | 2262.2 | 2198.4 | 2153.0 | 2134.0 |
| 35°    | 2211.7 | 2082.5 | 1977.1 | 1884.9 | 1818.0 | 1776.0 | 1762.1 |
| 37.5°  | 1879.7 | 1754.6 | 1624.2 | 1534.8 | 1479.1 | 1436.8 | 1421.1 |
| 40°    | 1668.5 | 1532.4 | 1418.6 | 1334.8 | 1277.6 | 1236.4 | 1235.7 |
| 42.5°  | 1475.8 | 1345.8 | 1238.8 | 1178.4 | 1116.7 | 1089.4 | 1089.3 |
| 45°    | 1208.4 | 1104.4 | 1013.7 | 966.2  | 929.2  | 906.9  | 900.6  |
| 47.5°  | 1000.6 | 914.5  | 854.0  | 816.3  | 786.1  | 771.8  | 762.7  |
| 50°    | 883.8  | 808.4  | 760.2  | 727.4  | 710.6  | 692.6  | 691.2  |
| 52.5°  | 786.7  | 725.8  | 688.2  | 661.6  | 640.4  | 629.4  | 629.8  |
| 55°    | 661.2  | 613.0  | 586.4  | 566.1  | 549.5  | 541.1  | 537.6  |
| 57.5°  | 556.9  | 520.8  | 501.5  | 482.9  | 475.8  | 469.3  | 467.5  |
| 60°    | 492.2  | 467.8  | 449.6  | 434.9  | 424.4  | 422.3  | 421.6  |
| 62.5°  | 438.6  | 413.0  | 400.4  | 389.1  | 381.4  | 378.2  | 377.0  |
| 65°    | 361.6  | 342.7  | 331.6  | 322.6  | 319.7  | 314.9  | 314.2  |
| 67.5°  | 291.5  | 280.2  | 272.9  | 266.5  | 262.8  | 262.5  | 262.5  |
| 70°    | 248.5  | 242.3  | 236.0  | 232.5  | 230.4  | 228.9  | 228.9  |
| 72.5°  | 211.7  | 207.0  | 201.9  | 200.1  | 199.7  | 198.2  | 197.7  |
| 75°    | 161.3  | 156.4  | 157.0  | 153.6  | 150.8  | 147.3  | 145.2  |
| 77.5°  | 114.3  | 110.9  | 110.2  | 109.8  | 107.3  | 106.9  | 108.1  |
| 80°    | 88.7   | 85.1   | 84.4   | 85.1   | 84.4   | 82.4   | 82.4   |
| 82.5°  | 67.5   | 64.5   | 63.8   | 63.4   | 62.7   | 63.4   | 62.3   |
| 85°    | 36.3   | 34.9   | 34.9   | 34.9   | 36.3   | 35.6   | 34.9   |
| 87.5°  | 18.2   | 17.9   | 18.6   | 18.2   | 18.3   | 17.8   | 18.4   |
| 90°    | 26.6   | 28.0   | 28.9   | 29.3   | 29.8   | 30.2   | 30.7   |
| 92.5°  | 25.8   | 27.2   | 27.9   | 28.0   | 28.1   | 28.2   | 28.3   |
| 95°    | 26.6   | 28.0   | 28.8   | 29.0   | 29.2   | 29.5   | 29.7   |
| 97.5°  | 27.5   | 27.6   | 27.8   | 28.0   | 28.2   | 28.4   | 28.7   |
| 100°   | 33.4   | 29.6   | 27.8   | 28.0   | 28.2   | 28.4   | 28.7   |
| 102.5° | 91.8   | 50.1   | 29.3   | 29.3   | 29.4   | 29.4   | 29.5   |
| 105°   | 325.4  | 327.4  | 324.4  | 316.2  | 308.0  | 299.8  | 291.6  |
| 107.5° | 401.0  | 402.0  | 402.9  | 403.8  | 404.7  | 405.6  | 406.4  |
| 110°   | 452.6  | 453.0  | 453.6  | 454.3  | 454.9  | 455.7  | 456.4  |



TEST NUMBER: P333083-840

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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 502.5  | 502.4  | 502.8  | 503.7  | 504.5  | 505.4  | 506.2  |
| 115°   | 578.5  | 578.9  | 579.2  | 579.2  | 579.2  | 579.2  | 579.2  |
| 117.5° | 653.8  | 653.7  | 653.6  | 653.5  | 653.4  | 653.3  | 653.2  |
| 120°   | 701.3  | 701.7  | 701.7  | 701.3  | 700.7  | 700.3  | 699.8  |
| 122.5° | 747.3  | 747.6  | 747.5  | 747.1  | 746.6  | 746.2  | 745.7  |
| 125°   | 812.4  | 813.0  | 813.5  | 813.7  | 814.0  | 814.3  | 814.5  |
| 127.5° | 875.9  | 875.7  | 875.6  | 875.4  | 875.1  | 874.9  | 874.8  |
| 130°   | 915.4  | 915.6  | 915.7  | 915.7  | 915.7  | 915.7  | 915.7  |
| 132.5° | 953.9  | 954.1  | 954.1  | 953.9  | 953.7  | 953.6  | 953.4  |
| 135°   | 1007.1 | 1007.6 | 1008.0 | 1008.6 | 1009.0 | 1009.5 | 1009.9 |
| 137.5° | 1058.0 | 1058.5 | 1058.7 | 1058.5 | 1058.4 | 1058.3 | 1058.1 |
| 140°   | 1089.6 | 1090.4 | 1090.9 | 1091.1 | 1091.3 | 1091.5 | 1091.8 |
| 142.5° | 1118.6 | 1119.1 | 1119.3 | 1119.4 | 1119.4 | 1119.5 | 1119.5 |
| 145°   | 1159.9 | 1160.1 | 1160.5 | 1160.9 | 1161.4 | 1161.8 | 1162.4 |
| 147.5° | 1196.4 | 1196.6 | 1196.8 | 1197.1 | 1197.3 | 1197.5 | 1197.7 |
| 150°   | 1219.6 | 1219.6 | 1219.7 | 1219.9 | 1220.2 | 1220.4 | 1220.6 |
| 152.5° | 1240.3 | 1240.7 | 1240.8 | 1240.7 | 1240.5 | 1240.4 | 1240.3 |
| 155°   | 1268.4 | 1269.3 | 1269.4 | 1268.7 | 1268.1 | 1267.4 | 1266.7 |
| 157.5° | 1292.3 | 1293.5 | 1293.5 | 1292.3 | 1291.1 | 1290.0 | 1288.8 |
| 160°   | 1307.6 | 1309.0 | 1309.0 | 1307.6 | 1306.3 | 1304.8 | 1303.5 |
| 162.5° | 1319.9 | 1321.2 | 1321.2 | 1319.6 | 1318.1 | 1316.6 | 1314.9 |
| 165°   | 1337.7 | 1339.5 | 1339.3 | 1337.3 | 1335.2 | 1333.2 | 1331.1 |
| 167.5° | 1350.5 | 1352.4 | 1352.3 | 1350.1 | 1347.8 | 1345.5 | 1343.2 |
| 170°   | 1358.1 | 1359.9 | 1359.7 | 1357.4 | 1355.1 | 1352.8 | 1350.6 |
| 172.5° | 1363.0 | 1364.8 | 1364.5 | 1362.0 | 1359.6 | 1357.2 | 1354.6 |
| 175°   | 1369.0 | 1371.1 | 1370.7 | 1368.0 | 1365.2 | 1362.5 | 1359.8 |
| 177.5° | 1370.7 | 1372.2 | 1371.8 | 1369.6 | 1367.5 | 1365.2 | 1363.1 |
| 180°   | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 | 1368.0 |

(END OF REPORT)