

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: P331447-840

Luminaire Tested: **SA2XXDIP-C1005D925U840-4F0-1E-UDD-A**

Issue Date: 10/7/2019

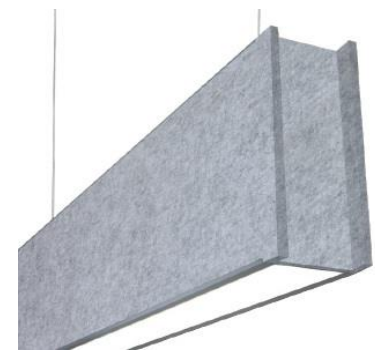
**Test Information**

Test Method: LM-79-08  
Report Number: P331447-840  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,  
Test Lab: INNOVATION CENTER  
Issue Date: 10/7/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: SA2XXDIP-C1005D925U840-4F0-1E-UDD-A  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 925 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

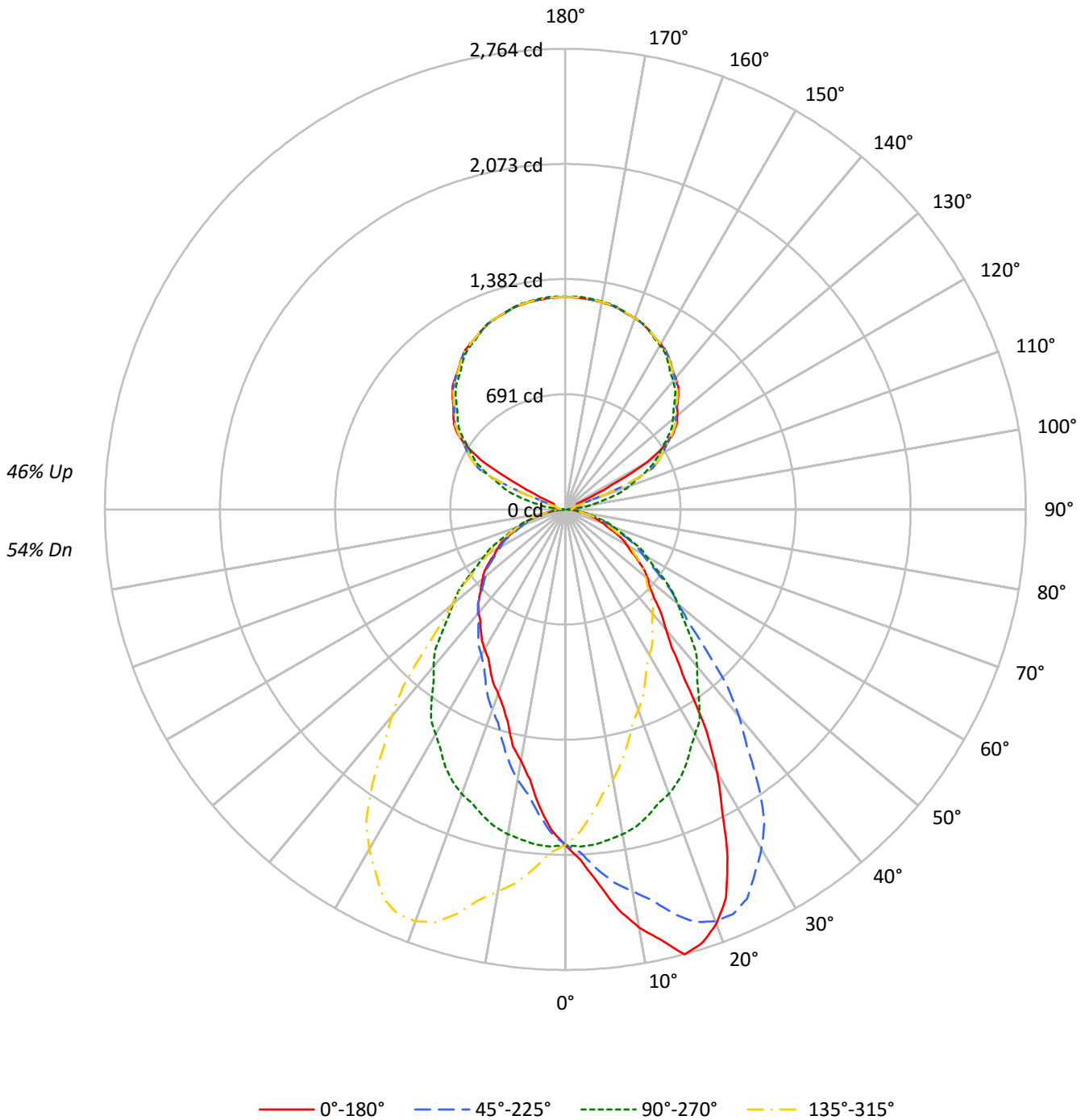
Lumens per Lamp: N/A  
Luminaire Lumens: 8181.1 lumens  
Efficiency: N/A  
Efficacy: 122.5 lumens/watt  
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: General Diffuse

Input Watts (W): 66.8  
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



TEST NUMBER: P331447-840  
CATALOG NUMBER: SA2XXDIP-C1005D925U840-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P331447-840

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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   | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 72 | 72 | 72 | 60 | 60 | 60 | 54 |
| 1   | 99  | 95  | 91  | 88  | 92  | 88  | 85  | 82  | 76 | 74 | 72 | 65 | 63 | 61 | 54 | 53 | 52 | 47 |
| 2   | 91  | 84  | 78  | 73  | 84  | 78  | 73  | 68  | 67 | 63 | 60 | 57 | 54 | 52 | 48 | 46 | 44 | 40 |
| 3   | 83  | 74  | 67  | 61  | 77  | 69  | 63  | 58  | 60 | 55 | 51 | 51 | 48 | 45 | 43 | 41 | 38 | 35 |
| 4   | 76  | 66  | 58  | 52  | 71  | 62  | 55  | 50  | 53 | 48 | 44 | 46 | 42 | 39 | 39 | 36 | 34 | 30 |
| 5   | 70  | 59  | 51  | 45  | 65  | 55  | 48  | 43  | 48 | 43 | 38 | 41 | 37 | 34 | 35 | 32 | 30 | 27 |
| 6   | 65  | 53  | 45  | 40  | 60  | 50  | 43  | 38  | 44 | 38 | 34 | 38 | 33 | 30 | 32 | 29 | 26 | 24 |
| 7   | 60  | 48  | 40  | 35  | 56  | 45  | 38  | 33  | 40 | 34 | 30 | 34 | 30 | 27 | 30 | 26 | 24 | 21 |
| 8   | 56  | 44  | 36  | 31  | 52  | 41  | 34  | 30  | 36 | 31 | 27 | 32 | 27 | 24 | 27 | 24 | 21 | 19 |
| 9   | 52  | 40  | 33  | 28  | 49  | 38  | 31  | 27  | 33 | 28 | 24 | 29 | 25 | 22 | 25 | 22 | 19 | 17 |
| 10  | 49  | 37  | 30  | 25  | 46  | 35  | 28  | 24  | 31 | 26 | 22 | 27 | 23 | 20 | 24 | 20 | 18 | 16 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 32513 | 32513 | 32513 | 32513 |
| 5°  | 36451 | 32725 | 29000 | 32725 |
| 10° | 41769 | 32455 | 25097 | 32455 |
| 15° | 46208 | 31861 | 22173 | 31861 |
| 20° | 45505 | 31223 | 20213 | 31223 |
| 25° | 41031 | 30375 | 18971 | 30375 |
| 30° | 33907 | 29015 | 18066 | 29015 |
| 35° | 24711 | 27595 | 17420 | 27595 |
| 40° | 19736 | 25918 | 17062 | 25918 |
| 45° | 17249 | 23980 | 16575 | 23980 |
| 50° | 16211 | 22102 | 16252 | 22102 |
| 55° | 14945 | 20194 | 15817 | 20194 |
| 60° | 13695 | 18167 | 15145 | 18167 |
| 65° | 12478 | 16351 | 14487 | 16351 |
| 70° | 11325 | 14578 | 13520 | 14578 |
| 75° | 10044 | 12601 | 11977 | 12601 |
| 80° | 8638  | 10432 | 9642  | 10432 |
| 85° | 7744  | 7744  | 5743  | 7744  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 191.8  | 2.3       |
| 10°-20°   | 557.5  | 6.8       |
| 20°-30°   | 809.1  | 9.9       |
| 30°-40°   | 853.9  | 10.4      |
| 40°-50°   | 756.0  | 9.2       |
| 50°-60°   | 603.3  | 7.4       |
| 60°-70°   | 410.1  | 5.0       |
| 70°-80°   | 210.2  | 2.6       |
| 80°-90°   | 53.8   | 0.7       |
| 90°-100°  | 42.5   | 0.5       |
| 100°-110° | 155.9  | 1.9       |
| 110°-120° | 416.8  | 5.1       |
| 120°-130° | 688.0  | 8.4       |
| 130°-140° | 731.7  | 8.9       |
| 140°-150° | 680.1  | 8.3       |
| 150°-160° | 546.8  | 6.7       |
| 160°-170° | 352.3  | 4.3       |
| 170°-180° | 121.3  | 1.5       |
| 0°-30°    | 1558.5 | 19.0      |
| 0°-40°    | 2412.3 | 29.5      |
| 0°-60°    | 3771.7 | 46.1      |
| 0°-90°    | 4445.8 | 54.3      |
| 90°-120°  | 615.2  | 7.5       |
| 90°-150°  | 2714.9 | 33.2      |
| 90°-180°  | 3735.0 | 45.7      |
| 0°-180°   | 8181.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 2014 | 2014 | 2014 | 2014 | 2014 |      |
| 5°   | 2249 | 2019 | 1789 | 2019 | 2249 | 225  |
| 15°  | 2764 | 1906 | 1326 | 1906 | 2764 | 763  |
| 25°  | 2303 | 1705 | 1065 | 1705 | 2303 | 1041 |
| 35°  | 1254 | 1400 | 884  | 1400 | 1254 | 815  |
| 45°  | 755  | 1050 | 726  | 1050 | 755  | 594  |
| 55°  | 531  | 717  | 562  | 717  | 531  | 476  |
| 65°  | 327  | 428  | 379  | 428  | 327  | 325  |
| 75°  | 161  | 202  | 192  | 202  | 161  | 172  |
| 85°  | 42   | 42   | 31   | 42   | 42   | 46   |
| 90°  | 25   | 1    | 25   | 1    | 25   | 13   |
| 95°  | 40   | 60   | 40   | 60   | 40   | 37   |
| 105° | 70   | 280  | 70   | 280  | 70   | 73   |
| 115° | 76   | 530  | 76   | 530  | 76   | 189  |
| 125° | 789  | 750  | 789  | 750  | 789  | 682  |
| 135° | 958  | 928  | 958  | 928  | 958  | 739  |
| 145° | 1093 | 1076 | 1093 | 1076 | 1093 | 683  |
| 155° | 1186 | 1185 | 1186 | 1185 | 1186 | 547  |
| 165° | 1246 | 1249 | 1246 | 1249 | 1246 | 352  |
| 175° | 1270 | 1277 | 1270 | 1277 | 1270 | 121  |
| 180° | 1275 | 1275 | 1275 | 1275 | 1275 |      |



TEST NUMBER: P331447-840

CATALOG NUMBER: SA2XXDIP-C1005D925U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5°   | 2106.6 | 2107.2 | 2108.4 | 2098.5 | 2097.3 | 2097.3 | 2088.6 | 2081.2 | 2072.5 | 2060.7 | 2062.0 |
| 5°     | 2249.0 | 2257.5 | 2260.6 | 2251.3 | 2237.4 | 2235.8 | 2222.7 | 2201.0 | 2180.9 | 2164.6 | 2153.0 |
| 7.5°   | 2418.9 | 2422.4 | 2414.8 | 2402.6 | 2392.2 | 2373.6 | 2349.1 | 2325.1 | 2291.6 | 2260.8 | 2237.9 |
| 10°    | 2547.7 | 2552.3 | 2539.2 | 2521.4 | 2506.7 | 2485.1 | 2449.4 | 2413.1 | 2368.9 | 2326.4 | 2292.3 |
| 12.5°  | 2645.5 | 2657.0 | 2640.1 | 2637.8 | 2612.6 | 2582.8 | 2540.4 | 2522.0 | 2459.9 | 2400.7 | 2364.2 |
| 15°    | 2764.4 | 2763.6 | 2765.2 | 2750.5 | 2731.9 | 2727.2 | 2682.4 | 2633.6 | 2546.2 | 2511.3 | 2450.9 |
| 17.5°  | 2730.1 | 2741.8 | 2747.2 | 2747.0 | 2746.6 | 2743.7 | 2729.3 | 2698.5 | 2654.6 | 2598.2 | 2528.5 |
| 20°    | 2648.4 | 2663.8 | 2666.1 | 2683.9 | 2694.0 | 2707.1 | 2712.6 | 2704.0 | 2677.0 | 2629.8 | 2569.4 |
| 22.5°  | 2522.0 | 2526.4 | 2533.7 | 2561.3 | 2583.1 | 2616.2 | 2633.3 | 2661.9 | 2651.6 | 2628.5 | 2578.1 |
| 25°    | 2303.2 | 2295.4 | 2322.5 | 2336.4 | 2386.7 | 2439.3 | 2477.3 | 2519.1 | 2556.3 | 2578.7 | 2563.9 |
| 27.5°  | 2040.3 | 2028.7 | 2069.3 | 2106.3 | 2147.2 | 2204.1 | 2263.2 | 2333.0 | 2391.1 | 2463.7 | 2488.6 |
| 30°    | 1818.7 | 1825.6 | 1864.3 | 1903.8 | 1965.7 | 2046.2 | 2112.7 | 2189.4 | 2272.2 | 2353.5 | 2409.9 |
| 32.5°  | 1579.7 | 1606.5 | 1630.9 | 1691.4 | 1746.0 | 1835.7 | 1933.2 | 2029.0 | 2132.3 | 2224.7 | 2312.2 |
| 35°    | 1253.7 | 1284.6 | 1318.8 | 1362.8 | 1439.5 | 1528.4 | 1623.7 | 1752.9 | 1893.8 | 2019.9 | 2123.6 |
| 37.5°  | 1055.3 | 1050.4 | 1069.9 | 1101.8 | 1163.8 | 1235.7 | 1345.2 | 1472.9 | 1638.7 | 1787.0 | 1933.2 |
| 40°    | 936.4  | 933.3  | 947.3  | 976.6  | 1023.9 | 1076.5 | 1172.5 | 1284.6 | 1438.7 | 1619.8 | 1793.9 |
| 42.5°  | 854.7  | 856.6  | 864.3  | 885.0  | 917.4  | 960.7  | 1032.6 | 1128.0 | 1269.1 | 1439.7 | 1626.8 |
| 45°    | 755.4  | 760.7  | 769.3  | 779.3  | 797.9  | 833.5  | 873.7  | 941.9  | 1053.3 | 1195.7 | 1379.9 |
| 47.5°  | 683.8  | 684.0  | 692.7  | 701.5  | 712.5  | 732.6  | 765.4  | 808.1  | 886.8  | 1002.7 | 1161.0 |
| 50°    | 645.4  | 640.1  | 646.2  | 653.2  | 664.8  | 678.7  | 700.3  | 740.6  | 793.2  | 886.9  | 1019.3 |
| 52.5°  | 598.3  | 598.5  | 604.1  | 606.7  | 617.1  | 631.1  | 650.9  | 678.7  | 726.4  | 799.6  | 908.4  |
| 55°    | 530.9  | 534.7  | 537.9  | 542.5  | 551.8  | 561.9  | 577.3  | 595.9  | 633.1  | 688.0  | 768.5  |
| 57.5°  | 467.5  | 468.7  | 471.8  | 480.6  | 486.5  | 495.7  | 510.5  | 527.4  | 551.5  | 592.2  | 652.7  |
| 60°    | 424.1  | 424.1  | 430.3  | 434.1  | 441.9  | 451.2  | 462.8  | 479.1  | 500.7  | 534.0  | 582.8  |
| 62.5°  | 384.5  | 383.8  | 386.4  | 392.6  | 398.6  | 407.3  | 418.8  | 432.6  | 453.0  | 482.6  | 522.7  |
| 65°    | 326.6  | 325.1  | 329.7  | 331.2  | 337.4  | 346.0  | 355.3  | 369.9  | 386.2  | 407.9  | 443.4  |
| 67.5°  | 270.8  | 272.8  | 275.2  | 278.1  | 281.6  | 290.5  | 296.7  | 307.1  | 320.8  | 338.8  | 362.9  |
| 70°    | 239.9  | 239.9  | 239.9  | 242.3  | 246.9  | 251.6  | 257.7  | 266.2  | 279.4  | 294.9  | 316.5  |
| 72.5°  | 205.2  | 207.7  | 210.2  | 208.8  | 214.7  | 217.4  | 224.9  | 229.7  | 242.3  | 252.2  | 271.4  |
| 75°    | 161.0  | 161.0  | 161.0  | 164.8  | 167.1  | 169.5  | 174.1  | 178.7  | 185.0  | 197.3  | 207.4  |
| 77.5°  | 120.1  | 119.8  | 120.6  | 121.5  | 124.0  | 126.7  | 128.2  | 132.3  | 138.0  | 143.8  | 152.3  |
| 80°    | 92.9   | 94.4   | 95.2   | 96.7   | 96.7   | 98.3   | 99.1   | 104.5  | 108.4  | 112.2  | 117.6  |
| 82.5°  | 71.8   | 72.1   | 72.3   | 72.6   | 73.2   | 74.1   | 76.1   | 77.9   | 79.3   | 82.5   | 86.6   |
| 85°    | 41.8   | 41.0   | 41.0   | 42.5   | 41.8   | 41.8   | 43.3   | 44.8   | 44.8   | 45.6   | 48.0   |
| 87.5°  | 21.1   | 21.0   | 21.5   | 20.8   | 20.7   | 21.2   | 21.0   | 20.2   | 20.6   | 21.0   | 21.3   |
| 90°    | 24.9   | 24.5   | 24.0   | 23.6   | 23.2   | 22.5   | 21.5   | 20.5   | 19.5   | 18.5   | 16.8   |
| 92.5°  | 24.9   | 24.6   | 24.4   | 24.1   | 23.9   | 23.5   | 23.0   | 22.4   | 21.9   | 21.4   | 20.6   |
| 95°    | 39.7   | 39.9   | 40.1   | 40.3   | 40.5   | 40.1   | 39.1   | 38.0   | 37.0   | 36.0   | 34.5   |
| 97.5°  | 52.9   | 52.7   | 52.4   | 52.2   | 51.9   | 51.4   | 50.6   | 49.8   | 49.0   | 48.2   | 44.8   |
| 100°   | 61.8   | 61.4   | 61.0   | 60.6   | 60.2   | 59.2   | 57.5   | 55.8   | 54.2   | 52.6   | 49.1   |
| 102.5° | 66.2   | 65.6   | 65.0   | 64.5   | 63.9   | 62.6   | 60.5   | 58.3   | 56.1   | 54.0   | 83.2   |
| 105°   | 70.1   | 69.3   | 68.5   | 67.7   | 66.9   | 65.2   | 63.0   | 60.8   | 58.5   | 56.2   | 112.2  |
| 107.5° | 72.1   | 71.3   | 70.5   | 69.7   | 68.9   | 69.6   | 71.9   | 74.1   | 76.4   | 78.8   | 145.8  |
| 110°   | 72.9   | 72.0   | 71.2   | 70.4   | 69.6   | 79.4   | 99.9   | 120.4  | 140.9  | 161.4  | 220.7  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 73.6   | 72.9   | 72.3   | 71.6   | 71.0   | 108.1  | 182.8  | 257.6  | 332.3  | 407.1  | 421.7  |
| 115°   | 75.6   | 90.4   | 105.1  | 119.9  | 134.6  | 189.5  | 284.4  | 379.3  | 474.1  | 569.1  | 563.9  |
| 117.5° | 308.8  | 357.3  | 405.8  | 454.2  | 502.7  | 538.5  | 561.5  | 584.4  | 607.3  | 630.3  | 626.8  |
| 120°   | 562.6  | 590.3  | 617.9  | 645.6  | 673.3  | 685.9  | 683.5  | 681.0  | 678.5  | 676.0  | 672.4  |
| 122.5° | 702.1  | 707.4  | 712.8  | 718.2  | 723.6  | 725.5  | 724.0  | 722.6  | 721.0  | 719.6  | 715.6  |
| 125°   | 788.6  | 788.0  | 787.3  | 786.7  | 786.1  | 785.1  | 783.7  | 782.2  | 780.8  | 779.3  | 775.5  |
| 127.5° | 843.1  | 843.0  | 842.9  | 842.8  | 842.6  | 841.6  | 839.5  | 837.4  | 835.3  | 833.2  | 830.3  |
| 130°   | 877.1  | 877.3  | 877.5  | 877.8  | 878.0  | 876.9  | 874.6  | 872.4  | 870.1  | 867.9  | 865.7  |
| 132.5° | 910.3  | 910.5  | 910.7  | 910.9  | 911.1  | 910.3  | 908.4  | 906.5  | 904.5  | 902.5  | 900.3  |
| 135°   | 958.3  | 958.7  | 959.1  | 959.5  | 959.9  | 959.1  | 957.0  | 955.0  | 952.9  | 950.9  | 949.1  |
| 137.5° | 1002.0 | 1002.7 | 1003.4 | 1004.1 | 1004.8 | 1004.1 | 1002.1 | 1000.1 | 998.0  | 996.1  | 994.0  |
| 140°   | 1029.3 | 1030.4 | 1031.4 | 1032.4 | 1033.4 | 1033.0 | 1031.2 | 1029.3 | 1027.4 | 1025.6 | 1023.4 |
| 142.5° | 1055.8 | 1056.9 | 1057.9 | 1058.9 | 1060.0 | 1059.7 | 1057.9 | 1056.2 | 1054.6 | 1052.9 | 1050.4 |
| 145°   | 1093.0 | 1094.0 | 1095.0 | 1096.0 | 1097.0 | 1096.8 | 1095.4 | 1094.0 | 1092.5 | 1091.1 | 1087.6 |
| 147.5° | 1125.6 | 1126.4 | 1127.3 | 1128.1 | 1129.0 | 1128.9 | 1127.8 | 1126.8 | 1125.7 | 1124.7 | 1121.3 |
| 150°   | 1145.5 | 1146.5 | 1147.5 | 1148.6 | 1149.6 | 1149.5 | 1148.3 | 1147.0 | 1145.8 | 1144.6 | 1141.3 |
| 152.5° | 1162.5 | 1163.9 | 1165.2 | 1166.5 | 1167.9 | 1167.9 | 1166.7 | 1165.5 | 1164.3 | 1163.1 | 1159.9 |
| 155°   | 1186.1 | 1187.7 | 1189.3 | 1191.0 | 1192.7 | 1192.9 | 1191.6 | 1190.4 | 1189.1 | 1187.9 | 1185.5 |
| 157.5° | 1207.7 | 1209.2 | 1210.8 | 1212.4 | 1214.1 | 1214.2 | 1212.7 | 1211.3 | 1210.0 | 1208.6 | 1206.9 |
| 160°   | 1220.2 | 1221.6 | 1223.0 | 1224.5 | 1226.0 | 1226.1 | 1224.9 | 1223.6 | 1222.3 | 1221.1 | 1219.9 |
| 162.5° | 1230.5 | 1232.3 | 1234.1 | 1235.9 | 1237.6 | 1237.8 | 1236.4 | 1235.0 | 1233.6 | 1232.2 | 1231.1 |
| 165°   | 1246.1 | 1247.5 | 1248.9 | 1250.3 | 1251.7 | 1251.7 | 1250.3 | 1248.9 | 1247.5 | 1246.1 | 1245.5 |
| 167.5° | 1255.8 | 1257.7 | 1259.5 | 1261.3 | 1263.1 | 1263.4 | 1261.9 | 1260.5 | 1259.1 | 1257.7 | 1257.1 |
| 170°   | 1261.7 | 1263.5 | 1265.4 | 1267.3 | 1269.1 | 1269.3 | 1267.9 | 1266.5 | 1265.0 | 1263.5 | 1263.1 |
| 172.5° | 1266.2 | 1268.0 | 1269.8 | 1271.6 | 1273.5 | 1273.7 | 1272.3 | 1270.8 | 1269.4 | 1268.0 | 1267.6 |
| 175°   | 1270.0 | 1272.0 | 1274.1 | 1276.2 | 1278.2 | 1278.5 | 1277.1 | 1275.7 | 1274.2 | 1272.7 | 1272.3 |
| 177.5° | 1272.4 | 1273.8 | 1275.4 | 1276.9 | 1278.3 | 1278.5 | 1277.4 | 1276.2 | 1275.1 | 1273.8 | 1273.7 |
| 180°   | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 |



TEST NUMBER: P331447-840

CATALOG NUMBER: SA2XXDIP-C1005D925U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5°   | 2066.4 | 2061.4 | 2058.3 | 2047.2 | 2037.2 | 2027.3 | 2024.3 | 2025.5 | 2011.9 | 1998.8 | 1993.3 |
| 5°     | 2146.9 | 2131.3 | 2116.7 | 2095.8 | 2071.0 | 2043.9 | 2029.9 | 2019.1 | 1992.1 | 1962.7 | 1945.6 |
| 7.5°   | 2219.0 | 2196.9 | 2168.5 | 2129.2 | 2093.1 | 2050.5 | 2023.5 | 1999.4 | 1959.8 | 1918.3 | 1893.0 |
| 10°    | 2262.9 | 2232.7 | 2196.4 | 2148.4 | 2104.3 | 2052.4 | 2016.0 | 1979.6 | 1933.2 | 1883.7 | 1852.7 |
| 12.5°  | 2300.7 | 2260.0 | 2224.2 | 2162.6 | 2110.4 | 2045.6 | 2002.5 | 1951.2 | 1902.3 | 1843.4 | 1813.1 |
| 15°    | 2390.7 | 2315.5 | 2247.5 | 2177.8 | 2113.5 | 2023.0 | 1975.0 | 1906.1 | 1841.9 | 1769.2 | 1734.3 |
| 17.5°  | 2460.1 | 2375.7 | 2268.5 | 2180.0 | 2105.1 | 2004.8 | 1934.3 | 1851.8 | 1775.8 | 1692.7 | 1645.4 |
| 20°    | 2499.7 | 2403.0 | 2287.6 | 2182.4 | 2092.6 | 1978.1 | 1901.5 | 1817.2 | 1728.2 | 1634.5 | 1583.5 |
| 22.5°  | 2523.2 | 2421.6 | 2307.5 | 2173.1 | 2067.9 | 1956.4 | 1860.0 | 1767.6 | 1677.4 | 1576.3 | 1522.8 |
| 25°    | 2530.7 | 2437.8 | 2317.1 | 2165.5 | 2036.9 | 1910.8 | 1794.7 | 1705.0 | 1595.8 | 1501.4 | 1423.2 |
| 27.5°  | 2493.9 | 2427.3 | 2311.2 | 2150.8 | 2001.1 | 1853.7 | 1724.2 | 1622.6 | 1507.4 | 1404.9 | 1326.4 |
| 30°    | 2448.6 | 2409.9 | 2296.9 | 2136.0 | 1972.7 | 1814.0 | 1671.6 | 1556.3 | 1441.8 | 1338.1 | 1257.6 |
| 32.5°  | 2378.7 | 2370.4 | 2271.0 | 2115.0 | 1942.4 | 1763.9 | 1616.6 | 1500.0 | 1373.1 | 1271.2 | 1194.5 |
| 35°    | 2241.3 | 2278.4 | 2215.7 | 2067.9 | 1885.2 | 1692.5 | 1533.1 | 1400.0 | 1268.5 | 1170.9 | 1098.9 |
| 37.5°  | 2057.1 | 2149.3 | 2132.9 | 1999.0 | 1808.2 | 1614.9 | 1438.9 | 1299.7 | 1174.4 | 1075.9 | 1005.3 |
| 40°    | 1930.2 | 2047.8 | 2064.8 | 1946.4 | 1753.7 | 1554.8 | 1368.3 | 1229.7 | 1107.4 | 1017.7 | 946.4  |
| 42.5°  | 1793.9 | 1931.4 | 1978.1 | 1883.2 | 1694.3 | 1491.7 | 1305.1 | 1161.6 | 1040.6 | 953.3  | 890.2  |
| 45°    | 1565.6 | 1747.5 | 1831.9 | 1777.7 | 1595.1 | 1387.7 | 1195.7 | 1050.2 | 940.3  | 858.3  | 809.5  |
| 47.5°  | 1352.2 | 1551.0 | 1664.4 | 1645.2 | 1484.7 | 1279.3 | 1089.5 | 949.9  | 842.9  | 777.5  | 733.9  |
| 50°    | 1201.1 | 1405.4 | 1542.4 | 1548.6 | 1405.4 | 1201.8 | 1011.5 | 879.9  | 781.6  | 720.5  | 684.9  |
| 52.5°  | 1069.9 | 1264.9 | 1414.2 | 1447.0 | 1316.9 | 1121.4 | 941.5  | 810.6  | 724.1  | 667.9  | 636.0  |
| 55°    | 898.5  | 1063.4 | 1229.0 | 1289.3 | 1184.9 | 999.2  | 832.7  | 717.4  | 636.1  | 597.4  | 569.6  |
| 57.5°  | 747.0  | 884.4  | 1037.3 | 1104.1 | 1039.7 | 880.7  | 724.7  | 624.5  | 558.7  | 524.7  | 503.3  |
| 60°    | 667.1  | 775.5  | 911.7  | 991.4  | 935.6  | 794.1  | 657.8  | 562.6  | 508.5  | 478.3  | 458.2  |
| 62.5°  | 592.8  | 688.8  | 804.0  | 876.9  | 846.5  | 713.0  | 591.0  | 507.0  | 460.2  | 431.8  | 417.3  |
| 65°    | 489.1  | 564.9  | 654.0  | 721.2  | 701.1  | 599.8  | 500.0  | 428.0  | 390.8  | 368.4  | 356.8  |
| 67.5°  | 402.7  | 457.6  | 519.3  | 578.2  | 562.0  | 490.2  | 410.0  | 354.0  | 326.3  | 306.9  | 299.9  |
| 70°    | 348.3  | 390.0  | 445.0  | 492.2  | 479.1  | 420.2  | 356.8  | 308.8  | 284.8  | 268.5  | 261.6  |
| 72.5°  | 296.3  | 330.6  | 372.5  | 411.1  | 402.2  | 353.4  | 300.4  | 264.2  | 245.8  | 230.8  | 225.1  |
| 75°    | 223.7  | 249.9  | 275.5  | 301.0  | 298.7  | 260.8  | 229.8  | 202.0  | 187.3  | 175.7  | 173.4  |
| 77.5°  | 165.1  | 179.9  | 197.2  | 212.4  | 208.1  | 186.5  | 162.2  | 146.2  | 135.4  | 127.6  | 126.4  |
| 80°    | 126.1  | 134.6  | 147.0  | 157.8  | 152.5  | 143.2  | 123.8  | 112.2  | 104.5  | 96.7   | 93.6   |
| 82.5°  | 91.5   | 100.0  | 107.4  | 113.3  | 109.2  | 100.5  | 88.6   | 80.7   | 76.0   | 70.7   | 69.5   |
| 85°    | 48.0   | 52.6   | 55.7   | 57.3   | 55.7   | 50.3   | 44.8   | 41.8   | 38.0   | 35.6   | 34.8   |
| 87.5°  | 21.6   | 21.3   | 20.9   | 21.8   | 19.5   | 19.1   | 16.2   | 13.8   | 13.6   | 13.4   | 12.7   |
| 90°    | 15.1   | 13.5   | 11.9   | 9.9    | 7.7    | 5.5    | 3.1    | 0.9    | 3.1    | 5.5    | 7.7    |
| 92.5°  | 19.8   | 19.0   | 18.1   | 17.8   | 18.0   | 18.2   | 18.4   | 18.6   | 18.4   | 18.2   | 18.0   |
| 95°    | 33.1   | 31.7   | 30.2   | 32.9   | 39.7   | 46.5   | 53.2   | 60.0   | 53.2   | 46.5   | 39.7   |
| 97.5°  | 41.5   | 38.2   | 34.8   | 42.7   | 61.8   | 80.9   | 99.9   | 119.0  | 99.9   | 80.9   | 61.8   |
| 100°   | 45.6   | 42.1   | 38.7   | 50.9   | 79.0   | 107.0  | 135.1  | 163.3  | 135.1  | 107.0  | 79.0   |
| 102.5° | 112.3  | 141.5  | 170.7  | 188.1  | 194.1  | 200.1  | 206.0  | 212.0  | 206.0  | 200.1  | 194.1  |
| 105°   | 168.1  | 224.1  | 280.0  | 305.0  | 298.8  | 292.7  | 286.5  | 280.3  | 286.5  | 292.7  | 298.8  |
| 107.5° | 213.0  | 280.0  | 347.2  | 378.3  | 373.2  | 368.3  | 363.3  | 358.4  | 363.3  | 368.3  | 373.2  |
| 110°   | 279.8  | 339.1  | 398.3  | 425.8  | 421.5  | 417.2  | 412.9  | 408.6  | 412.9  | 417.2  | 421.5  |





TEST NUMBER: P331447-840

CATALOG NUMBER: SA2XXDIP-C1005D925U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 436.4  | 451.0  | 465.6  | 471.0  | 467.3  | 463.4  | 459.6  | 455.8  | 459.6  | 463.4  | 467.3  |
| 115°   | 558.9  | 553.7  | 548.6  | 544.2  | 540.8  | 537.2  | 533.8  | 530.3  | 533.8  | 537.2  | 540.8  |
| 117.5° | 623.3  | 619.8  | 616.2  | 612.5  | 608.6  | 604.7  | 600.8  | 596.9  | 600.8  | 604.7  | 608.6  |
| 120°   | 668.6  | 665.0  | 661.3  | 657.9  | 654.8  | 651.8  | 648.6  | 645.6  | 648.6  | 651.8  | 654.8  |
| 122.5° | 711.6  | 707.5  | 703.5  | 699.8  | 696.6  | 693.4  | 690.1  | 686.9  | 690.1  | 693.4  | 696.6  |
| 125°   | 771.5  | 767.7  | 763.8  | 760.5  | 757.8  | 755.2  | 752.5  | 749.8  | 752.5  | 755.2  | 757.8  |
| 127.5° | 827.4  | 824.5  | 821.5  | 818.6  | 815.7  | 812.7  | 809.8  | 806.8  | 809.8  | 812.7  | 815.7  |
| 130°   | 863.3  | 861.1  | 858.9  | 856.1  | 852.8  | 849.5  | 846.3  | 843.0  | 846.3  | 849.5  | 852.8  |
| 132.5° | 898.1  | 895.9  | 893.5  | 891.0  | 888.3  | 885.4  | 882.6  | 879.9  | 882.6  | 885.4  | 888.3  |
| 135°   | 947.3  | 945.3  | 943.5  | 941.0  | 937.7  | 934.4  | 931.1  | 927.9  | 931.1  | 934.4  | 937.7  |
| 137.5° | 991.9  | 989.8  | 987.7  | 985.5  | 983.2  | 981.0  | 978.7  | 976.3  | 978.7  | 981.0  | 983.2  |
| 140°   | 1021.1 | 1018.9 | 1016.6 | 1014.6 | 1013.0 | 1011.4 | 1009.8 | 1008.0 | 1009.8 | 1011.4 | 1013.0 |
| 142.5° | 1047.7 | 1045.1 | 1042.6 | 1040.6 | 1039.1 | 1037.6 | 1036.1 | 1034.6 | 1036.1 | 1037.6 | 1039.1 |
| 145°   | 1084.1 | 1080.7 | 1077.1 | 1075.5 | 1075.7 | 1075.9 | 1076.1 | 1076.3 | 1076.1 | 1075.9 | 1075.7 |
| 147.5° | 1117.8 | 1114.3 | 1110.9 | 1109.5 | 1110.3 | 1111.2 | 1111.9 | 1112.7 | 1111.9 | 1111.2 | 1110.3 |
| 150°   | 1138.0 | 1134.8 | 1131.5 | 1130.5 | 1132.0 | 1133.4 | 1134.9 | 1136.3 | 1134.9 | 1133.4 | 1132.0 |
| 152.5° | 1156.8 | 1153.7 | 1150.5 | 1149.8 | 1151.4 | 1153.0 | 1154.6 | 1156.2 | 1154.6 | 1153.0 | 1151.4 |
| 155°   | 1183.1 | 1180.5 | 1178.1 | 1177.8 | 1179.6 | 1181.4 | 1183.4 | 1185.2 | 1183.4 | 1181.4 | 1179.6 |
| 157.5° | 1205.2 | 1203.5 | 1201.7 | 1201.6 | 1203.2 | 1204.8 | 1206.3 | 1207.8 | 1206.3 | 1204.8 | 1203.2 |
| 160°   | 1218.7 | 1217.4 | 1216.2 | 1216.2 | 1217.4 | 1218.7 | 1219.9 | 1221.1 | 1219.9 | 1218.7 | 1217.4 |
| 162.5° | 1230.0 | 1229.0 | 1227.9 | 1228.0 | 1229.2 | 1230.5 | 1231.7 | 1232.9 | 1231.7 | 1230.5 | 1229.2 |
| 165°   | 1244.8 | 1244.2 | 1243.5 | 1243.9 | 1245.1 | 1246.4 | 1247.6 | 1248.8 | 1247.6 | 1246.4 | 1245.1 |
| 167.5° | 1256.5 | 1256.0 | 1255.4 | 1255.7 | 1256.9 | 1258.2 | 1259.4 | 1260.6 | 1259.4 | 1258.2 | 1256.9 |
| 170°   | 1262.7 | 1262.3 | 1261.9 | 1262.3 | 1263.5 | 1264.8 | 1266.0 | 1267.3 | 1266.0 | 1264.8 | 1263.5 |
| 172.5° | 1267.2 | 1266.8 | 1266.4 | 1266.8 | 1268.0 | 1269.2 | 1270.4 | 1271.6 | 1270.4 | 1269.2 | 1268.0 |
| 175°   | 1271.9 | 1271.5 | 1271.1 | 1271.6 | 1273.0 | 1274.6 | 1276.0 | 1277.4 | 1276.0 | 1274.6 | 1273.0 |
| 177.5° | 1273.5 | 1273.4 | 1273.2 | 1273.7 | 1274.9 | 1276.1 | 1277.2 | 1278.3 | 1277.2 | 1276.1 | 1274.9 |
| 180°   | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 |



TEST NUMBER: P331447-840

CATALOG NUMBER: SA2XXDIP-C1005D925U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5°   | 1987.1 | 1983.4 | 1970.3 | 1963.6 | 1952.5 | 1941.9 | 1935.1 | 1938.2 | 1940.7 | 1939.4 | 1937.5 |
| 5°     | 1930.2 | 1915.4 | 1893.0 | 1873.6 | 1859.7 | 1834.2 | 1823.3 | 1818.0 | 1813.3 | 1807.9 | 1802.4 |
| 7.5°   | 1862.3 | 1839.2 | 1807.0 | 1779.4 | 1753.3 | 1721.6 | 1703.5 | 1692.7 | 1681.5 | 1669.3 | 1658.5 |
| 10°    | 1814.0 | 1781.5 | 1747.5 | 1708.8 | 1677.9 | 1649.2 | 1623.7 | 1606.6 | 1591.1 | 1576.5 | 1565.6 |
| 12.5°  | 1763.3 | 1725.9 | 1683.7 | 1630.8 | 1596.7 | 1555.7 | 1551.9 | 1521.9 | 1497.6 | 1488.5 | 1475.8 |
| 15°    | 1682.4 | 1629.8 | 1576.5 | 1513.8 | 1486.7 | 1449.6 | 1426.3 | 1403.1 | 1382.2 | 1367.5 | 1363.6 |
| 17.5°  | 1590.7 | 1522.6 | 1469.5 | 1424.4 | 1380.1 | 1342.0 | 1320.6 | 1302.0 | 1284.9 | 1265.2 | 1262.5 |
| 20°    | 1520.8 | 1461.9 | 1403.9 | 1364.4 | 1318.8 | 1280.0 | 1253.7 | 1235.2 | 1220.4 | 1208.8 | 1198.8 |
| 22.5°  | 1454.5 | 1390.1 | 1337.0 | 1293.8 | 1248.8 | 1217.5 | 1196.8 | 1178.8 | 1166.6 | 1153.8 | 1144.3 |
| 25°    | 1348.2 | 1297.9 | 1239.8 | 1191.0 | 1153.9 | 1133.8 | 1116.7 | 1101.3 | 1093.6 | 1085.0 | 1074.2 |
| 27.5°  | 1255.2 | 1199.2 | 1144.9 | 1107.1 | 1074.5 | 1056.7 | 1044.6 | 1034.1 | 1026.8 | 1021.9 | 1015.7 |
| 30°    | 1189.5 | 1133.0 | 1090.5 | 1053.3 | 1026.2 | 1008.5 | 1000.7 | 994.5  | 985.9  | 982.9  | 979.8  |
| 32.5°  | 1126.3 | 1075.4 | 1039.1 | 1006.8 | 981.0  | 969.4  | 962.3  | 956.7  | 950.1  | 947.0  | 940.8  |
| 35°    | 1037.0 | 994.5  | 958.9  | 941.1  | 920.2  | 910.1  | 904.7  | 897.0  | 890.8  | 887.7  | 886.9  |
| 37.5°  | 953.0  | 916.0  | 892.6  | 869.7  | 860.9  | 854.7  | 847.3  | 842.0  | 840.2  | 839.7  | 838.9  |
| 40°    | 898.5  | 868.3  | 847.5  | 828.9  | 825.0  | 815.7  | 809.5  | 804.9  | 804.9  | 805.7  | 804.9  |
| 42.5°  | 849.0  | 821.9  | 803.4  | 787.4  | 782.8  | 777.3  | 771.1  | 770.8  | 772.0  | 774.7  | 772.0  |
| 45°    | 774.0  | 754.6  | 741.4  | 733.7  | 725.2  | 719.7  | 718.9  | 721.2  | 722.1  | 722.9  | 725.2  |
| 47.5°  | 704.9  | 692.1  | 680.1  | 671.6  | 667.9  | 666.9  | 666.0  | 670.0  | 673.8  | 675.2  | 678.7  |
| 50°    | 664.0  | 649.3  | 639.2  | 633.8  | 630.8  | 629.1  | 630.8  | 635.4  | 638.4  | 642.4  | 644.7  |
| 52.5°  | 618.2  | 607.8  | 600.9  | 596.7  | 595.4  | 596.4  | 596.7  | 602.0  | 606.9  | 608.3  | 609.4  |
| 55°    | 554.9  | 547.1  | 545.6  | 538.7  | 541.7  | 541.0  | 544.8  | 548.0  | 552.6  | 557.2  | 558.0  |
| 57.5°  | 491.7  | 485.5  | 481.4  | 482.0  | 482.9  | 486.4  | 489.6  | 495.0  | 500.0  | 504.9  | 505.3  |
| 60°    | 449.7  | 446.6  | 444.2  | 444.2  | 445.8  | 450.4  | 454.2  | 459.7  | 462.8  | 465.9  | 468.2  |
| 62.5°  | 411.2  | 408.2  | 405.9  | 407.1  | 411.1  | 413.8  | 418.4  | 421.3  | 424.4  | 427.5  | 428.6  |
| 65°    | 350.6  | 349.0  | 351.3  | 352.9  | 353.7  | 357.6  | 362.9  | 365.3  | 368.4  | 369.9  | 375.4  |
| 67.5°  | 294.7  | 295.0  | 294.7  | 296.9  | 301.3  | 302.3  | 307.4  | 312.9  | 313.5  | 316.4  | 319.9  |
| 70°    | 256.9  | 258.5  | 260.0  | 261.6  | 265.5  | 267.0  | 270.8  | 273.2  | 276.3  | 278.6  | 280.9  |
| 72.5°  | 222.3  | 222.6  | 224.1  | 223.8  | 227.0  | 230.5  | 233.7  | 236.0  | 239.1  | 242.1  | 244.4  |
| 75°    | 171.1  | 171.1  | 172.6  | 173.4  | 177.2  | 181.1  | 180.4  | 181.9  | 185.0  | 188.0  | 189.7  |
| 77.5°  | 124.9  | 123.2  | 124.9  | 125.7  | 126.9  | 130.2  | 130.8  | 133.0  | 136.5  | 135.4  | 137.1  |
| 80°    | 95.2   | 92.9   | 95.2   | 95.9   | 95.9   | 99.9   | 99.9   | 101.4  | 103.7  | 101.4  | 103.7  |
| 82.5°  | 68.0   | 66.9   | 68.6   | 68.8   | 70.0   | 70.1   | 71.4   | 71.7   | 74.0   | 72.9   | 74.0   |
| 85°    | 34.0   | 33.3   | 34.0   | 33.3   | 34.0   | 34.8   | 34.8   | 34.0   | 34.0   | 35.6   | 33.3   |
| 87.5°  | 12.5   | 12.3   | 12.0   | 12.3   | 12.0   | 11.7   | 11.3   | 11.5   | 11.7   | 10.7   | 10.8   |
| 90°    | 9.9    | 11.9   | 13.5   | 15.1   | 16.8   | 18.5   | 19.5   | 20.5   | 21.5   | 22.5   | 23.2   |
| 92.5°  | 17.8   | 18.1   | 19.0   | 19.8   | 20.6   | 21.4   | 21.9   | 22.4   | 23.0   | 23.5   | 23.9   |
| 95°    | 32.9   | 30.2   | 31.7   | 33.1   | 34.5   | 36.0   | 37.0   | 38.0   | 39.1   | 40.1   | 40.5   |
| 97.5°  | 42.7   | 34.8   | 38.2   | 41.5   | 44.8   | 48.2   | 49.0   | 49.8   | 50.6   | 51.4   | 51.9   |
| 100°   | 50.9   | 38.7   | 42.1   | 45.6   | 49.1   | 52.6   | 54.2   | 55.8   | 57.5   | 59.2   | 60.2   |
| 102.5° | 188.1  | 170.7  | 141.5  | 112.3  | 83.2   | 54.0   | 56.1   | 58.3   | 60.5   | 62.6   | 63.9   |
| 105°   | 305.0  | 280.0  | 224.1  | 168.1  | 112.2  | 56.2   | 58.5   | 60.8   | 63.0   | 65.2   | 66.9   |
| 107.5° | 378.3  | 347.2  | 280.0  | 213.0  | 145.8  | 78.8   | 76.4   | 74.1   | 71.9   | 69.6   | 68.9   |
| 110°   | 425.8  | 398.3  | 339.1  | 279.8  | 220.7  | 161.4  | 140.9  | 120.4  | 99.9   | 79.4   | 69.6   |



TEST NUMBER: P331447-840

CATALOG NUMBER: SA2XXDIP-C1005D925U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 471.0  | 465.6  | 451.0  | 436.4  | 421.7  | 407.1  | 332.3  | 257.6  | 182.8  | 108.1  | 71.0   |
| 115°   | 544.2  | 548.6  | 553.7  | 558.9  | 563.9  | 569.1  | 474.1  | 379.3  | 284.4  | 189.5  | 134.6  |
| 117.5° | 612.5  | 616.2  | 619.8  | 623.3  | 626.8  | 630.3  | 607.3  | 584.4  | 561.5  | 538.5  | 502.7  |
| 120°   | 657.9  | 661.3  | 665.0  | 668.6  | 672.4  | 676.0  | 678.5  | 681.0  | 683.5  | 685.9  | 673.3  |
| 122.5° | 699.8  | 703.5  | 707.5  | 711.6  | 715.6  | 719.6  | 721.0  | 722.6  | 724.0  | 725.5  | 723.6  |
| 125°   | 760.5  | 763.8  | 767.7  | 771.5  | 775.5  | 779.3  | 780.8  | 782.2  | 783.7  | 785.1  | 786.1  |
| 127.5° | 818.6  | 821.5  | 824.5  | 827.4  | 830.3  | 833.2  | 835.3  | 837.4  | 839.5  | 841.6  | 842.6  |
| 130°   | 856.1  | 858.9  | 861.1  | 863.3  | 865.7  | 867.9  | 870.1  | 872.4  | 874.6  | 876.9  | 878.0  |
| 132.5° | 891.0  | 893.5  | 895.9  | 898.1  | 900.3  | 902.5  | 904.5  | 906.5  | 908.4  | 910.3  | 911.1  |
| 135°   | 941.0  | 943.5  | 945.3  | 947.3  | 949.1  | 950.9  | 952.9  | 955.0  | 957.0  | 959.1  | 959.9  |
| 137.5° | 985.5  | 987.7  | 989.8  | 991.9  | 994.0  | 996.1  | 998.0  | 1000.1 | 1002.1 | 1004.1 | 1004.8 |
| 140°   | 1014.6 | 1016.6 | 1018.9 | 1021.1 | 1023.4 | 1025.6 | 1027.4 | 1029.3 | 1031.2 | 1033.0 | 1033.4 |
| 142.5° | 1040.6 | 1042.6 | 1045.1 | 1047.7 | 1050.4 | 1052.9 | 1054.6 | 1056.2 | 1057.9 | 1059.7 | 1060.0 |
| 145°   | 1075.5 | 1077.1 | 1080.7 | 1084.1 | 1087.6 | 1091.1 | 1092.5 | 1094.0 | 1095.4 | 1096.8 | 1097.0 |
| 147.5° | 1109.5 | 1110.9 | 1114.3 | 1117.8 | 1121.3 | 1124.7 | 1125.7 | 1126.8 | 1127.8 | 1128.9 | 1129.0 |
| 150°   | 1130.5 | 1131.5 | 1134.8 | 1138.0 | 1141.3 | 1144.6 | 1145.8 | 1147.0 | 1148.3 | 1149.5 | 1149.6 |
| 152.5° | 1149.8 | 1150.5 | 1153.7 | 1156.8 | 1159.9 | 1163.1 | 1164.3 | 1165.5 | 1166.7 | 1167.9 | 1167.9 |
| 155°   | 1177.8 | 1178.1 | 1180.5 | 1183.1 | 1185.5 | 1187.9 | 1189.1 | 1190.4 | 1191.6 | 1192.9 | 1192.7 |
| 157.5° | 1201.6 | 1201.7 | 1203.5 | 1205.2 | 1206.9 | 1208.6 | 1210.0 | 1211.3 | 1212.7 | 1214.2 | 1214.1 |
| 160°   | 1216.2 | 1216.2 | 1217.4 | 1218.7 | 1219.9 | 1221.1 | 1222.3 | 1223.6 | 1224.9 | 1226.1 | 1226.0 |
| 162.5° | 1228.0 | 1227.9 | 1229.0 | 1230.0 | 1231.1 | 1232.2 | 1233.6 | 1235.0 | 1236.4 | 1237.8 | 1237.6 |
| 165°   | 1243.9 | 1243.5 | 1244.2 | 1244.8 | 1245.5 | 1246.1 | 1247.5 | 1248.9 | 1250.3 | 1251.7 | 1251.7 |
| 167.5° | 1255.7 | 1255.4 | 1256.0 | 1256.5 | 1257.1 | 1257.7 | 1259.1 | 1260.5 | 1261.9 | 1263.4 | 1263.1 |
| 170°   | 1262.3 | 1261.9 | 1262.3 | 1262.7 | 1263.1 | 1263.5 | 1265.0 | 1266.5 | 1267.9 | 1269.3 | 1269.1 |
| 172.5° | 1266.8 | 1266.4 | 1266.8 | 1267.2 | 1267.6 | 1268.0 | 1269.4 | 1270.8 | 1272.3 | 1273.7 | 1273.5 |
| 175°   | 1271.6 | 1271.1 | 1271.5 | 1271.9 | 1272.3 | 1272.7 | 1274.2 | 1275.7 | 1277.1 | 1278.5 | 1278.2 |
| 177.5° | 1273.7 | 1273.2 | 1273.4 | 1273.5 | 1273.7 | 1273.8 | 1275.1 | 1276.2 | 1277.4 | 1278.5 | 1278.3 |
| 180°   | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5°   | 1931.4 | 1930.2 | 1930.2 | 1924.6 | 1930.2 | 1930.2 | 1931.4 | 1937.5 | 1939.4 | 1940.7 | 1938.2 |
| 5°     | 1791.6 | 1789.3 | 1785.4 | 1789.3 | 1785.4 | 1789.3 | 1791.6 | 1802.4 | 1807.9 | 1813.3 | 1818.0 |
| 7.5°   | 1653.4 | 1644.1 | 1642.7 | 1633.6 | 1642.7 | 1644.1 | 1653.4 | 1658.5 | 1669.3 | 1681.5 | 1692.7 |
| 10°    | 1552.5 | 1546.3 | 1545.5 | 1530.8 | 1545.5 | 1546.3 | 1552.5 | 1565.6 | 1576.5 | 1591.1 | 1606.6 |
| 12.5°  | 1475.7 | 1460.9 | 1463.8 | 1455.2 | 1463.8 | 1460.9 | 1475.7 | 1475.8 | 1488.5 | 1497.6 | 1521.9 |
| 15°    | 1342.7 | 1342.7 | 1339.7 | 1326.5 | 1339.7 | 1342.7 | 1342.7 | 1363.6 | 1367.5 | 1382.2 | 1403.1 |
| 17.5°  | 1247.3 | 1245.7 | 1238.3 | 1241.9 | 1238.3 | 1245.7 | 1247.3 | 1262.5 | 1265.2 | 1284.9 | 1302.0 |
| 20°    | 1190.2 | 1185.7 | 1176.4 | 1176.4 | 1176.4 | 1185.7 | 1190.2 | 1198.8 | 1208.8 | 1220.4 | 1235.2 |
| 22.5°  | 1136.4 | 1136.1 | 1126.2 | 1129.3 | 1126.2 | 1136.1 | 1136.4 | 1144.3 | 1153.8 | 1166.6 | 1178.8 |
| 25°    | 1073.4 | 1067.2 | 1062.6 | 1064.9 | 1062.6 | 1067.2 | 1073.4 | 1074.2 | 1085.0 | 1093.6 | 1101.3 |
| 27.5°  | 1013.7 | 1010.3 | 1010.0 | 1003.6 | 1010.0 | 1010.3 | 1013.7 | 1015.7 | 1021.9 | 1026.8 | 1034.1 |
| 30°    | 979.0  | 971.3  | 972.8  | 969.0  | 972.8  | 971.3  | 979.0  | 979.8  | 982.9  | 985.9  | 994.5  |
| 32.5°  | 939.4  | 936.5  | 935.0  | 931.8  | 935.0  | 936.5  | 939.4  | 940.8  | 947.0  | 950.1  | 956.7  |
| 35°    | 885.3  | 886.2  | 882.2  | 883.8  | 882.2  | 886.2  | 885.3  | 886.9  | 887.7  | 890.8  | 897.0  |
| 37.5°  | 838.2  | 840.6  | 838.8  | 839.2  | 838.8  | 840.6  | 838.2  | 838.9  | 839.7  | 840.2  | 842.0  |
| 40°    | 807.2  | 807.2  | 807.2  | 809.5  | 807.2  | 807.2  | 807.2  | 804.9  | 805.7  | 804.9  | 804.9  |
| 42.5°  | 777.5  | 776.3  | 775.0  | 774.9  | 775.0  | 776.3  | 777.5  | 772.0  | 774.7  | 772.0  | 770.8  |
| 45°    | 726.7  | 729.0  | 729.8  | 725.9  | 729.8  | 729.0  | 726.7  | 725.2  | 722.9  | 722.1  | 721.2  |
| 47.5°  | 680.8  | 681.1  | 680.8  | 684.2  | 680.8  | 681.1  | 680.8  | 678.7  | 675.2  | 673.8  | 670.0  |
| 50°    | 648.5  | 647.0  | 648.5  | 647.0  | 648.5  | 647.0  | 648.5  | 644.7  | 642.4  | 638.4  | 635.4  |
| 52.5°  | 614.5  | 614.8  | 613.9  | 613.6  | 613.9  | 614.8  | 614.5  | 609.4  | 608.3  | 606.9  | 602.0  |
| 55°    | 561.1  | 562.6  | 561.9  | 561.9  | 561.9  | 562.6  | 561.1  | 558.0  | 557.2  | 552.6  | 548.0  |
| 57.5°  | 505.8  | 507.3  | 508.3  | 504.9  | 508.3  | 507.3  | 505.8  | 505.3  | 504.9  | 500.0  | 495.0  |
| 60°    | 467.5  | 471.3  | 470.5  | 469.0  | 470.5  | 471.3  | 467.5  | 468.2  | 465.9  | 462.8  | 459.7  |
| 62.5°  | 432.1  | 433.5  | 433.4  | 433.1  | 433.4  | 433.5  | 432.1  | 428.6  | 427.5  | 424.4  | 421.3  |
| 65°    | 377.7  | 379.2  | 376.9  | 379.2  | 376.9  | 379.2  | 377.7  | 375.4  | 369.9  | 368.4  | 365.3  |
| 67.5°  | 319.0  | 319.5  | 321.1  | 322.2  | 321.1  | 319.5  | 319.0  | 319.9  | 316.4  | 313.5  | 312.9  |
| 70°    | 282.5  | 281.8  | 284.1  | 286.4  | 284.1  | 281.8  | 282.5  | 280.9  | 278.6  | 276.3  | 273.2  |
| 72.5°  | 244.1  | 245.8  | 245.0  | 246.7  | 245.0  | 245.8  | 244.1  | 244.4  | 242.1  | 239.1  | 236.0  |
| 75°    | 188.0  | 190.4  | 189.7  | 192.0  | 189.7  | 190.4  | 188.0  | 189.7  | 188.0  | 185.0  | 181.9  |
| 77.5°  | 135.9  | 136.2  | 135.9  | 137.1  | 135.9  | 136.2  | 135.9  | 137.1  | 135.4  | 136.5  | 133.0  |
| 80°    | 103.7  | 102.2  | 100.6  | 103.7  | 100.6  | 102.2  | 103.7  | 103.7  | 101.4  | 103.7  | 101.4  |
| 82.5°  | 72.1   | 73.0   | 71.5   | 71.5   | 71.5   | 73.0   | 72.1   | 74.0   | 72.9   | 74.0   | 71.7   |
| 85°    | 33.3   | 32.5   | 31.0   | 31.0   | 31.0   | 32.5   | 33.3   | 33.3   | 35.6   | 34.0   | 34.0   |
| 87.5°  | 10.9   | 10.4   | 10.5   | 9.9    | 10.5   | 10.4   | 10.9   | 10.8   | 10.7   | 11.7   | 11.5   |
| 90°    | 23.6   | 24.0   | 24.5   | 24.9   | 24.5   | 24.0   | 23.6   | 23.2   | 22.5   | 21.5   | 20.5   |
| 92.5°  | 24.1   | 24.4   | 24.6   | 24.9   | 24.6   | 24.4   | 24.1   | 23.9   | 23.5   | 23.0   | 22.4   |
| 95°    | 40.3   | 40.1   | 39.9   | 39.7   | 39.9   | 40.1   | 40.3   | 40.5   | 40.1   | 39.1   | 38.0   |
| 97.5°  | 52.2   | 52.4   | 52.7   | 52.9   | 52.7   | 52.4   | 52.2   | 51.9   | 51.4   | 50.6   | 49.8   |
| 100°   | 60.6   | 61.0   | 61.4   | 61.8   | 61.4   | 61.0   | 60.6   | 60.2   | 59.2   | 57.5   | 55.8   |
| 102.5° | 64.5   | 65.0   | 65.6   | 66.2   | 65.6   | 65.0   | 64.5   | 63.9   | 62.6   | 60.5   | 58.3   |
| 105°   | 67.7   | 68.5   | 69.3   | 70.1   | 69.3   | 68.5   | 67.7   | 66.9   | 65.2   | 63.0   | 60.8   |
| 107.5° | 69.7   | 70.5   | 71.3   | 72.1   | 71.3   | 70.5   | 69.7   | 68.9   | 69.6   | 71.9   | 74.1   |
| 110°   | 70.4   | 71.2   | 72.0   | 72.9   | 72.0   | 71.2   | 70.4   | 69.6   | 79.4   | 99.9   | 120.4  |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 71.6   | 72.3   | 72.9   | 73.6   | 72.9   | 72.3   | 71.6   | 71.0   | 108.1  | 182.8  | 257.6  |
| 115°   | 119.9  | 105.1  | 90.4   | 75.6   | 90.4   | 105.1  | 119.9  | 134.6  | 189.5  | 284.4  | 379.3  |
| 117.5° | 454.2  | 405.8  | 357.3  | 308.8  | 357.3  | 405.8  | 454.2  | 502.7  | 538.5  | 561.5  | 584.4  |
| 120°   | 645.6  | 617.9  | 590.3  | 562.6  | 590.3  | 617.9  | 645.6  | 673.3  | 685.9  | 683.5  | 681.0  |
| 122.5° | 718.2  | 712.8  | 707.4  | 702.1  | 707.4  | 712.8  | 718.2  | 723.6  | 725.5  | 724.0  | 722.6  |
| 125°   | 786.7  | 787.3  | 788.0  | 788.6  | 788.0  | 787.3  | 786.7  | 786.1  | 785.1  | 783.7  | 782.2  |
| 127.5° | 842.8  | 842.9  | 843.0  | 843.1  | 843.0  | 842.9  | 842.8  | 842.6  | 841.6  | 839.5  | 837.4  |
| 130°   | 877.8  | 877.5  | 877.3  | 877.1  | 877.3  | 877.5  | 877.8  | 878.0  | 876.9  | 874.6  | 872.4  |
| 132.5° | 910.9  | 910.7  | 910.5  | 910.3  | 910.5  | 910.7  | 910.9  | 911.1  | 910.3  | 908.4  | 906.5  |
| 135°   | 959.5  | 959.1  | 958.7  | 958.3  | 958.7  | 959.1  | 959.5  | 959.9  | 959.1  | 957.0  | 955.0  |
| 137.5° | 1004.1 | 1003.4 | 1002.7 | 1002.0 | 1002.7 | 1003.4 | 1004.1 | 1004.8 | 1004.1 | 1002.1 | 1000.1 |
| 140°   | 1032.4 | 1031.4 | 1030.4 | 1029.3 | 1030.4 | 1031.4 | 1032.4 | 1033.4 | 1033.0 | 1031.2 | 1029.3 |
| 142.5° | 1058.9 | 1057.9 | 1056.9 | 1055.8 | 1056.9 | 1057.9 | 1058.9 | 1060.0 | 1059.7 | 1057.9 | 1056.2 |
| 145°   | 1096.0 | 1095.0 | 1094.0 | 1093.0 | 1094.0 | 1095.0 | 1096.0 | 1097.0 | 1096.8 | 1095.4 | 1094.0 |
| 147.5° | 1128.1 | 1127.3 | 1126.4 | 1125.6 | 1126.4 | 1127.3 | 1128.1 | 1129.0 | 1128.9 | 1127.8 | 1126.8 |
| 150°   | 1148.6 | 1147.5 | 1146.5 | 1145.5 | 1146.5 | 1147.5 | 1148.6 | 1149.6 | 1149.5 | 1148.3 | 1147.0 |
| 152.5° | 1166.5 | 1165.2 | 1163.9 | 1162.5 | 1163.9 | 1165.2 | 1166.5 | 1167.9 | 1167.9 | 1166.7 | 1165.5 |
| 155°   | 1191.0 | 1189.3 | 1187.7 | 1186.1 | 1187.7 | 1189.3 | 1191.0 | 1192.7 | 1192.9 | 1191.6 | 1190.4 |
| 157.5° | 1212.4 | 1210.8 | 1209.2 | 1207.7 | 1209.2 | 1210.8 | 1212.4 | 1214.1 | 1214.2 | 1212.7 | 1211.3 |
| 160°   | 1224.5 | 1223.0 | 1221.6 | 1220.2 | 1221.6 | 1223.0 | 1224.5 | 1226.0 | 1226.1 | 1224.9 | 1223.6 |
| 162.5° | 1235.9 | 1234.1 | 1232.3 | 1230.5 | 1232.3 | 1234.1 | 1235.9 | 1237.6 | 1237.8 | 1236.4 | 1235.0 |
| 165°   | 1250.3 | 1248.9 | 1247.5 | 1246.1 | 1247.5 | 1248.9 | 1250.3 | 1251.7 | 1251.7 | 1250.3 | 1248.9 |
| 167.5° | 1261.3 | 1259.5 | 1257.7 | 1255.8 | 1257.7 | 1259.5 | 1261.3 | 1263.1 | 1263.4 | 1261.9 | 1260.5 |
| 170°   | 1267.3 | 1265.4 | 1263.5 | 1261.7 | 1263.5 | 1265.4 | 1267.3 | 1269.1 | 1269.3 | 1267.9 | 1266.5 |
| 172.5° | 1271.6 | 1269.8 | 1268.0 | 1266.2 | 1268.0 | 1269.8 | 1271.6 | 1273.5 | 1273.7 | 1272.3 | 1270.8 |
| 175°   | 1276.2 | 1274.1 | 1272.0 | 1270.0 | 1272.0 | 1274.1 | 1276.2 | 1278.2 | 1278.5 | 1277.1 | 1275.7 |
| 177.5° | 1276.9 | 1275.4 | 1273.8 | 1272.4 | 1273.8 | 1275.4 | 1276.9 | 1278.3 | 1278.5 | 1277.4 | 1276.2 |
| 180°   | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5°   | 1935.1 | 1941.9 | 1952.5 | 1963.6 | 1970.3 | 1983.4 | 1987.1 | 1993.3 | 1998.8 | 2011.9 | 2025.5 |
| 5°     | 1823.3 | 1834.2 | 1859.7 | 1873.6 | 1893.0 | 1915.4 | 1930.2 | 1945.6 | 1962.7 | 1992.1 | 2019.1 |
| 7.5°   | 1703.5 | 1721.6 | 1753.3 | 1779.4 | 1807.0 | 1839.2 | 1862.3 | 1893.0 | 1918.3 | 1959.8 | 1999.4 |
| 10°    | 1623.7 | 1649.2 | 1677.9 | 1708.8 | 1747.5 | 1781.5 | 1814.0 | 1852.7 | 1883.7 | 1933.2 | 1979.6 |
| 12.5°  | 1551.9 | 1555.7 | 1596.7 | 1630.8 | 1683.7 | 1725.9 | 1763.3 | 1813.1 | 1843.4 | 1902.3 | 1951.2 |
| 15°    | 1426.3 | 1449.6 | 1486.7 | 1513.8 | 1576.5 | 1629.8 | 1682.4 | 1734.3 | 1769.2 | 1841.9 | 1906.1 |
| 17.5°  | 1320.6 | 1342.0 | 1380.1 | 1424.4 | 1469.5 | 1522.6 | 1590.7 | 1645.4 | 1692.7 | 1775.8 | 1851.8 |
| 20°    | 1253.7 | 1280.0 | 1318.8 | 1364.4 | 1403.9 | 1461.9 | 1520.8 | 1583.5 | 1634.5 | 1728.2 | 1817.2 |
| 22.5°  | 1196.8 | 1217.5 | 1248.8 | 1293.8 | 1337.0 | 1390.1 | 1454.5 | 1522.8 | 1576.3 | 1677.4 | 1767.6 |
| 25°    | 1116.7 | 1133.8 | 1153.9 | 1191.0 | 1239.8 | 1297.9 | 1348.2 | 1423.2 | 1501.4 | 1595.8 | 1705.0 |
| 27.5°  | 1044.6 | 1056.7 | 1074.5 | 1107.1 | 1144.9 | 1199.2 | 1255.2 | 1326.4 | 1404.9 | 1507.4 | 1622.6 |
| 30°    | 1000.7 | 1008.5 | 1026.2 | 1053.3 | 1090.5 | 1133.0 | 1189.5 | 1257.6 | 1338.1 | 1441.8 | 1556.3 |
| 32.5°  | 962.3  | 969.4  | 981.0  | 1006.8 | 1039.1 | 1075.4 | 1126.3 | 1194.5 | 1271.2 | 1373.1 | 1500.0 |
| 35°    | 904.7  | 910.1  | 920.2  | 941.1  | 958.9  | 994.5  | 1037.0 | 1098.9 | 1170.9 | 1268.5 | 1400.0 |
| 37.5°  | 847.3  | 854.7  | 860.9  | 869.7  | 892.6  | 916.0  | 953.0  | 1005.3 | 1075.9 | 1174.4 | 1299.7 |
| 40°    | 809.5  | 815.7  | 825.0  | 828.9  | 847.5  | 868.3  | 898.5  | 946.4  | 1017.7 | 1107.4 | 1229.7 |
| 42.5°  | 771.1  | 777.3  | 782.8  | 787.4  | 803.4  | 821.9  | 849.0  | 890.2  | 953.3  | 1040.6 | 1161.6 |
| 45°    | 718.9  | 719.7  | 725.2  | 733.7  | 741.4  | 754.6  | 774.0  | 809.5  | 858.3  | 940.3  | 1050.2 |
| 47.5°  | 666.0  | 666.9  | 667.9  | 671.6  | 680.1  | 692.1  | 704.9  | 733.9  | 777.5  | 842.9  | 949.9  |
| 50°    | 630.8  | 629.1  | 630.8  | 633.8  | 639.2  | 649.3  | 664.0  | 684.9  | 720.5  | 781.6  | 879.9  |
| 52.5°  | 596.7  | 596.4  | 595.4  | 596.7  | 600.9  | 607.8  | 618.2  | 636.0  | 667.9  | 724.1  | 810.6  |
| 55°    | 544.8  | 541.0  | 541.7  | 538.7  | 545.6  | 547.1  | 554.9  | 569.6  | 597.4  | 636.1  | 717.4  |
| 57.5°  | 489.6  | 486.4  | 482.9  | 482.0  | 481.4  | 485.5  | 491.7  | 503.3  | 524.7  | 558.7  | 624.5  |
| 60°    | 454.2  | 450.4  | 445.8  | 444.2  | 444.2  | 446.6  | 449.7  | 458.2  | 478.3  | 508.5  | 562.6  |
| 62.5°  | 418.4  | 413.8  | 411.1  | 407.1  | 405.9  | 408.2  | 411.2  | 417.3  | 431.8  | 460.2  | 507.0  |
| 65°    | 362.9  | 357.6  | 353.7  | 352.9  | 351.3  | 349.0  | 350.6  | 356.8  | 368.4  | 390.8  | 428.0  |
| 67.5°  | 307.4  | 302.3  | 301.3  | 296.9  | 294.7  | 295.0  | 294.7  | 299.9  | 306.9  | 326.3  | 354.0  |
| 70°    | 270.8  | 267.0  | 265.5  | 261.6  | 260.0  | 258.5  | 256.9  | 261.6  | 268.5  | 284.8  | 308.8  |
| 72.5°  | 233.7  | 230.5  | 227.0  | 223.8  | 224.1  | 222.6  | 222.3  | 225.1  | 230.8  | 245.8  | 264.2  |
| 75°    | 180.4  | 181.1  | 177.2  | 173.4  | 172.6  | 171.1  | 171.1  | 173.4  | 175.7  | 187.3  | 202.0  |
| 77.5°  | 130.8  | 130.2  | 126.9  | 125.7  | 124.9  | 123.2  | 124.9  | 126.4  | 127.6  | 135.4  | 146.2  |
| 80°    | 99.9   | 99.9   | 95.9   | 95.9   | 95.2   | 92.9   | 95.2   | 93.6   | 96.7   | 104.5  | 112.2  |
| 82.5°  | 71.4   | 70.1   | 70.0   | 68.8   | 68.6   | 66.9   | 68.0   | 69.5   | 70.7   | 76.0   | 80.7   |
| 85°    | 34.8   | 34.8   | 34.0   | 33.3   | 34.0   | 33.3   | 34.0   | 34.8   | 35.6   | 38.0   | 41.8   |
| 87.5°  | 11.3   | 11.7   | 12.0   | 12.3   | 12.0   | 12.3   | 12.5   | 12.7   | 13.4   | 13.6   | 13.8   |
| 90°    | 19.5   | 18.5   | 16.8   | 15.1   | 13.5   | 11.9   | 9.9    | 7.7    | 5.5    | 3.1    | 0.9    |
| 92.5°  | 21.9   | 21.4   | 20.6   | 19.8   | 19.0   | 18.1   | 17.8   | 18.0   | 18.2   | 18.4   | 18.6   |
| 95°    | 37.0   | 36.0   | 34.5   | 33.1   | 31.7   | 30.2   | 32.9   | 39.7   | 46.5   | 53.2   | 60.0   |
| 97.5°  | 49.0   | 48.2   | 44.8   | 41.5   | 38.2   | 34.8   | 42.7   | 61.8   | 80.9   | 99.9   | 119.0  |
| 100°   | 54.2   | 52.6   | 49.1   | 45.6   | 42.1   | 38.7   | 50.9   | 79.0   | 107.0  | 135.1  | 163.3  |
| 102.5° | 56.1   | 54.0   | 83.2   | 112.3  | 141.5  | 170.7  | 188.1  | 194.1  | 200.1  | 206.0  | 212.0  |
| 105°   | 58.5   | 56.2   | 112.2  | 168.1  | 224.1  | 280.0  | 305.0  | 298.8  | 292.7  | 286.5  | 280.3  |
| 107.5° | 76.4   | 78.8   | 145.8  | 213.0  | 280.0  | 347.2  | 378.3  | 373.2  | 368.3  | 363.3  | 358.4  |
| 110°   | 140.9  | 161.4  | 220.7  | 279.8  | 339.1  | 398.3  | 425.8  | 421.5  | 417.2  | 412.9  | 408.6  |



TEST NUMBER: P331447-840

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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 332.3  | 407.1  | 421.7  | 436.4  | 451.0  | 465.6  | 471.0  | 467.3  | 463.4  | 459.6  | 455.8  |
| 115°   | 474.1  | 569.1  | 563.9  | 558.9  | 553.7  | 548.6  | 544.2  | 540.8  | 537.2  | 533.8  | 530.3  |
| 117.5° | 607.3  | 630.3  | 626.8  | 623.3  | 619.8  | 616.2  | 612.5  | 608.6  | 604.7  | 600.8  | 596.9  |
| 120°   | 678.5  | 676.0  | 672.4  | 668.6  | 665.0  | 661.3  | 657.9  | 654.8  | 651.8  | 648.6  | 645.6  |
| 122.5° | 721.0  | 719.6  | 715.6  | 711.6  | 707.5  | 703.5  | 699.8  | 696.6  | 693.4  | 690.1  | 686.9  |
| 125°   | 780.8  | 779.3  | 775.5  | 771.5  | 767.7  | 763.8  | 760.5  | 757.8  | 755.2  | 752.5  | 749.8  |
| 127.5° | 835.3  | 833.2  | 830.3  | 827.4  | 824.5  | 821.5  | 818.6  | 815.7  | 812.7  | 809.8  | 806.8  |
| 130°   | 870.1  | 867.9  | 865.7  | 863.3  | 861.1  | 858.9  | 856.1  | 852.8  | 849.5  | 846.3  | 843.0  |
| 132.5° | 904.5  | 902.5  | 900.3  | 898.1  | 895.9  | 893.5  | 891.0  | 888.3  | 885.4  | 882.6  | 879.9  |
| 135°   | 952.9  | 950.9  | 949.1  | 947.3  | 945.3  | 943.5  | 941.0  | 937.7  | 934.4  | 931.1  | 927.9  |
| 137.5° | 998.0  | 996.1  | 994.0  | 991.9  | 989.8  | 987.7  | 985.5  | 983.2  | 981.0  | 978.7  | 976.3  |
| 140°   | 1027.4 | 1025.6 | 1023.4 | 1021.1 | 1018.9 | 1016.6 | 1014.6 | 1013.0 | 1011.4 | 1009.8 | 1008.0 |
| 142.5° | 1054.6 | 1052.9 | 1050.4 | 1047.7 | 1045.1 | 1042.6 | 1040.6 | 1039.1 | 1037.6 | 1036.1 | 1034.6 |
| 145°   | 1092.5 | 1091.1 | 1087.6 | 1084.1 | 1080.7 | 1077.1 | 1075.5 | 1075.7 | 1075.9 | 1076.1 | 1076.3 |
| 147.5° | 1125.7 | 1124.7 | 1121.3 | 1117.8 | 1114.3 | 1110.9 | 1109.5 | 1110.3 | 1111.2 | 1111.9 | 1112.7 |
| 150°   | 1145.8 | 1144.6 | 1141.3 | 1138.0 | 1134.8 | 1131.5 | 1130.5 | 1132.0 | 1133.4 | 1134.9 | 1136.3 |
| 152.5° | 1164.3 | 1163.1 | 1159.9 | 1156.8 | 1153.7 | 1150.5 | 1149.8 | 1151.4 | 1153.0 | 1154.6 | 1156.2 |
| 155°   | 1189.1 | 1187.9 | 1185.5 | 1183.1 | 1180.5 | 1178.1 | 1177.8 | 1179.6 | 1181.4 | 1183.4 | 1185.2 |
| 157.5° | 1210.0 | 1208.6 | 1206.9 | 1205.2 | 1203.5 | 1201.7 | 1201.6 | 1203.2 | 1204.8 | 1206.3 | 1207.8 |
| 160°   | 1222.3 | 1221.1 | 1219.9 | 1218.7 | 1217.4 | 1216.2 | 1216.2 | 1217.4 | 1218.7 | 1219.9 | 1221.1 |
| 162.5° | 1233.6 | 1232.2 | 1231.1 | 1230.0 | 1229.0 | 1227.9 | 1228.0 | 1229.2 | 1230.5 | 1231.7 | 1232.9 |
| 165°   | 1247.5 | 1246.1 | 1245.5 | 1244.8 | 1244.2 | 1243.5 | 1243.9 | 1245.1 | 1246.4 | 1247.6 | 1248.8 |
| 167.5° | 1259.1 | 1257.7 | 1257.1 | 1256.5 | 1256.0 | 1255.4 | 1255.7 | 1256.9 | 1258.2 | 1259.4 | 1260.6 |
| 170°   | 1265.0 | 1263.5 | 1263.1 | 1262.7 | 1262.3 | 1261.9 | 1262.3 | 1263.5 | 1264.8 | 1266.0 | 1267.3 |
| 172.5° | 1269.4 | 1268.0 | 1267.6 | 1267.2 | 1266.8 | 1266.4 | 1266.8 | 1268.0 | 1269.2 | 1270.4 | 1271.6 |
| 175°   | 1274.2 | 1272.7 | 1272.3 | 1271.9 | 1271.5 | 1271.1 | 1271.6 | 1273.0 | 1274.6 | 1276.0 | 1277.4 |
| 177.5° | 1275.1 | 1273.8 | 1273.7 | 1273.5 | 1273.4 | 1273.2 | 1273.7 | 1274.9 | 1276.1 | 1277.2 | 1278.3 |
| 180°   | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 |



TEST NUMBER: P331447-840

CATALOG NUMBER: SA2XXDIP-C1005D925U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5°   | 2024.3 | 2027.3 | 2037.2 | 2047.2 | 2058.3 | 2061.4 | 2066.4 | 2062.0 | 2060.7 | 2072.5 | 2081.2 |
| 5°     | 2029.9 | 2043.9 | 2071.0 | 2095.8 | 2116.7 | 2131.3 | 2146.9 | 2153.0 | 2164.6 | 2180.9 | 2201.0 |
| 7.5°   | 2023.5 | 2050.5 | 2093.1 | 2129.2 | 2168.5 | 2196.9 | 2219.0 | 2237.9 | 2260.8 | 2291.6 | 2325.1 |
| 10°    | 2016.0 | 2052.4 | 2104.3 | 2148.4 | 2196.4 | 2232.7 | 2262.9 | 2292.3 | 2326.4 | 2368.9 | 2413.1 |
| 12.5°  | 2002.5 | 2045.6 | 2110.4 | 2162.6 | 2224.2 | 2260.0 | 2300.7 | 2364.2 | 2400.7 | 2459.9 | 2522.0 |
| 15°    | 1975.0 | 2023.0 | 2113.5 | 2177.8 | 2247.5 | 2315.5 | 2390.7 | 2450.9 | 2511.3 | 2546.2 | 2633.6 |
| 17.5°  | 1934.3 | 2004.8 | 2105.1 | 2180.0 | 2268.5 | 2375.7 | 2460.1 | 2528.5 | 2598.2 | 2654.6 | 2698.5 |
| 20°    | 1901.5 | 1978.1 | 2092.6 | 2182.4 | 2287.6 | 2403.0 | 2499.7 | 2569.4 | 2629.8 | 2677.0 | 2704.0 |
| 22.5°  | 1860.0 | 1956.4 | 2067.9 | 2173.1 | 2307.5 | 2421.6 | 2523.2 | 2578.1 | 2628.5 | 2651.6 | 2661.9 |
| 25°    | 1794.7 | 1910.8 | 2036.9 | 2165.5 | 2317.1 | 2437.8 | 2530.7 | 2563.9 | 2578.7 | 2556.3 | 2519.1 |
| 27.5°  | 1724.2 | 1853.7 | 2001.1 | 2150.8 | 2311.2 | 2427.3 | 2493.9 | 2488.6 | 2463.7 | 2391.1 | 2333.0 |
| 30°    | 1671.6 | 1814.0 | 1972.7 | 2136.0 | 2296.9 | 2409.9 | 2448.6 | 2409.9 | 2353.5 | 2272.2 | 2189.4 |
| 32.5°  | 1616.6 | 1763.9 | 1942.4 | 2115.0 | 2271.0 | 2370.4 | 2378.7 | 2312.2 | 2224.7 | 2132.3 | 2029.0 |
| 35°    | 1533.1 | 1692.5 | 1885.2 | 2067.9 | 2215.7 | 2278.4 | 2241.3 | 2123.6 | 2019.9 | 1893.8 | 1752.9 |
| 37.5°  | 1438.9 | 1614.9 | 1808.2 | 1999.0 | 2132.9 | 2149.3 | 2057.1 | 1933.2 | 1787.0 | 1638.7 | 1472.9 |
| 40°    | 1368.3 | 1554.8 | 1753.7 | 1946.4 | 2064.8 | 2047.8 | 1930.2 | 1793.9 | 1619.8 | 1438.7 | 1284.6 |
| 42.5°  | 1305.1 | 1491.7 | 1694.3 | 1883.2 | 1978.1 | 1931.4 | 1793.9 | 1626.8 | 1439.7 | 1269.1 | 1128.0 |
| 45°    | 1195.7 | 1387.7 | 1595.1 | 1777.7 | 1831.9 | 1747.5 | 1565.6 | 1379.9 | 1195.7 | 1053.3 | 941.9  |
| 47.5°  | 1089.5 | 1279.3 | 1484.7 | 1645.2 | 1664.4 | 1551.0 | 1352.2 | 1161.0 | 1002.7 | 886.8  | 808.1  |
| 50°    | 1011.5 | 1201.8 | 1405.4 | 1548.6 | 1542.4 | 1405.4 | 1201.1 | 1019.3 | 886.9  | 793.2  | 740.6  |
| 52.5°  | 941.5  | 1121.4 | 1316.9 | 1447.0 | 1414.2 | 1264.9 | 1069.9 | 908.4  | 799.6  | 726.4  | 678.7  |
| 55°    | 832.7  | 999.2  | 1184.9 | 1289.3 | 1229.0 | 1063.4 | 898.5  | 768.5  | 688.0  | 633.1  | 595.9  |
| 57.5°  | 724.7  | 880.7  | 1039.7 | 1104.1 | 1037.3 | 884.4  | 747.0  | 652.7  | 592.2  | 551.5  | 527.4  |
| 60°    | 657.8  | 794.1  | 935.6  | 991.4  | 911.7  | 775.5  | 667.1  | 582.8  | 534.0  | 500.7  | 479.1  |
| 62.5°  | 591.0  | 713.0  | 846.5  | 876.9  | 804.0  | 688.8  | 592.8  | 522.7  | 482.6  | 453.0  | 432.6  |
| 65°    | 500.0  | 599.8  | 701.1  | 721.2  | 654.0  | 564.9  | 489.1  | 443.4  | 407.9  | 386.2  | 369.9  |
| 67.5°  | 410.0  | 490.2  | 562.0  | 578.2  | 519.3  | 457.6  | 402.7  | 362.9  | 338.8  | 320.8  | 307.1  |
| 70°    | 356.8  | 420.2  | 479.1  | 492.2  | 445.0  | 390.0  | 348.3  | 316.5  | 294.9  | 279.4  | 266.2  |
| 72.5°  | 300.4  | 353.4  | 402.2  | 411.1  | 372.5  | 330.6  | 296.3  | 271.4  | 252.2  | 242.3  | 229.7  |
| 75°    | 229.8  | 260.8  | 298.7  | 301.0  | 275.5  | 249.9  | 223.7  | 207.4  | 197.3  | 185.0  | 178.7  |
| 77.5°  | 162.2  | 186.5  | 208.1  | 212.4  | 197.2  | 179.9  | 165.1  | 152.3  | 143.8  | 138.0  | 132.3  |
| 80°    | 123.8  | 143.2  | 152.5  | 157.8  | 147.0  | 134.6  | 126.1  | 117.6  | 112.2  | 108.4  | 104.5  |
| 82.5°  | 88.6   | 100.5  | 109.2  | 113.3  | 107.4  | 100.0  | 91.5   | 86.6   | 82.5   | 79.3   | 77.9   |
| 85°    | 44.8   | 50.3   | 55.7   | 57.3   | 55.7   | 52.6   | 48.0   | 48.0   | 45.6   | 44.8   | 44.8   |
| 87.5°  | 16.2   | 19.1   | 19.5   | 21.8   | 20.9   | 21.3   | 21.6   | 21.3   | 21.0   | 20.6   | 20.2   |
| 90°    | 3.1    | 5.5    | 7.7    | 9.9    | 11.9   | 13.5   | 15.1   | 16.8   | 18.5   | 19.5   | 20.5   |
| 92.5°  | 18.4   | 18.2   | 18.0   | 17.8   | 18.1   | 19.0   | 19.8   | 20.6   | 21.4   | 21.9   | 22.4   |
| 95°    | 53.2   | 46.5   | 39.7   | 32.9   | 30.2   | 31.7   | 33.1   | 34.5   | 36.0   | 37.0   | 38.0   |
| 97.5°  | 99.9   | 80.9   | 61.8   | 42.7   | 34.8   | 38.2   | 41.5   | 44.8   | 48.2   | 49.0   | 49.8   |
| 100°   | 135.1  | 107.0  | 79.0   | 50.9   | 38.7   | 42.1   | 45.6   | 49.1   | 52.6   | 54.2   | 55.8   |
| 102.5° | 206.0  | 200.1  | 194.1  | 188.1  | 170.7  | 141.5  | 112.3  | 83.2   | 54.0   | 56.1   | 58.3   |
| 105°   | 286.5  | 292.7  | 298.8  | 305.0  | 280.0  | 224.1  | 168.1  | 112.2  | 56.2   | 58.5   | 60.8   |
| 107.5° | 363.3  | 368.3  | 373.2  | 378.3  | 347.2  | 280.0  | 213.0  | 145.8  | 78.8   | 76.4   | 74.1   |
| 110°   | 412.9  | 417.2  | 421.5  | 425.8  | 398.3  | 339.1  | 279.8  | 220.7  | 161.4  | 140.9  | 120.4  |





TEST NUMBER: P331447-840

CATALOG NUMBER: SA2XXDIP-C1005D925U840-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 459.6  | 463.4  | 467.3  | 471.0  | 465.6  | 451.0  | 436.4  | 421.7  | 407.1  | 332.3  | 257.6  |
| 115°   | 533.8  | 537.2  | 540.8  | 544.2  | 548.6  | 553.7  | 558.9  | 563.9  | 569.1  | 474.1  | 379.3  |
| 117.5° | 600.8  | 604.7  | 608.6  | 612.5  | 616.2  | 619.8  | 623.3  | 626.8  | 630.3  | 607.3  | 584.4  |
| 120°   | 648.6  | 651.8  | 654.8  | 657.9  | 661.3  | 665.0  | 668.6  | 672.4  | 676.0  | 678.5  | 681.0  |
| 122.5° | 690.1  | 693.4  | 696.6  | 699.8  | 703.5  | 707.5  | 711.6  | 715.6  | 719.6  | 721.0  | 722.6  |
| 125°   | 752.5  | 755.2  | 757.8  | 760.5  | 763.8  | 767.7  | 771.5  | 775.5  | 779.3  | 780.8  | 782.2  |
| 127.5° | 809.8  | 812.7  | 815.7  | 818.6  | 821.5  | 824.5  | 827.4  | 830.3  | 833.2  | 835.3  | 837.4  |
| 130°   | 846.3  | 849.5  | 852.8  | 856.1  | 858.9  | 861.1  | 863.3  | 865.7  | 867.9  | 870.1  | 872.4  |
| 132.5° | 882.6  | 885.4  | 888.3  | 891.0  | 893.5  | 895.9  | 898.1  | 900.3  | 902.5  | 904.5  | 906.5  |
| 135°   | 931.1  | 934.4  | 937.7  | 941.0  | 943.5  | 945.3  | 947.3  | 949.1  | 950.9  | 952.9  | 955.0  |
| 137.5° | 978.7  | 981.0  | 983.2  | 985.5  | 987.7  | 989.8  | 991.9  | 994.0  | 996.1  | 998.0  | 1000.1 |
| 140°   | 1009.8 | 1011.4 | 1013.0 | 1014.6 | 1016.6 | 1018.9 | 1021.1 | 1023.4 | 1025.6 | 1027.4 | 1029.3 |
| 142.5° | 1036.1 | 1037.6 | 1039.1 | 1040.6 | 1042.6 | 1045.1 | 1047.7 | 1050.4 | 1052.9 | 1054.6 | 1056.2 |
| 145°   | 1076.1 | 1075.9 | 1075.7 | 1075.5 | 1077.1 | 1080.7 | 1084.1 | 1087.6 | 1091.1 | 1092.5 | 1094.0 |
| 147.5° | 1111.9 | 1111.2 | 1110.3 | 1109.5 | 1110.9 | 1114.3 | 1117.8 | 1121.3 | 1124.7 | 1125.7 | 1126.8 |
| 150°   | 1134.9 | 1133.4 | 1132.0 | 1130.5 | 1131.5 | 1134.8 | 1138.0 | 1141.3 | 1144.6 | 1145.8 | 1147.0 |
| 152.5° | 1154.6 | 1153.0 | 1151.4 | 1149.8 | 1150.5 | 1153.7 | 1156.8 | 1159.9 | 1163.1 | 1164.3 | 1165.5 |
| 155°   | 1183.4 | 1181.4 | 1179.6 | 1177.8 | 1178.1 | 1180.5 | 1183.1 | 1185.5 | 1187.9 | 1189.1 | 1190.4 |
| 157.5° | 1206.3 | 1204.8 | 1203.2 | 1201.6 | 1201.7 | 1203.5 | 1205.2 | 1206.9 | 1208.6 | 1210.0 | 1211.3 |
| 160°   | 1219.9 | 1218.7 | 1217.4 | 1216.2 | 1216.2 | 1217.4 | 1218.7 | 1219.9 | 1221.1 | 1222.3 | 1223.6 |
| 162.5° | 1231.7 | 1230.5 | 1229.2 | 1228.0 | 1227.9 | 1229.0 | 1230.0 | 1231.1 | 1232.2 | 1233.6 | 1235.0 |
| 165°   | 1247.6 | 1246.4 | 1245.1 | 1243.9 | 1243.5 | 1244.2 | 1244.8 | 1245.5 | 1246.1 | 1247.5 | 1248.9 |
| 167.5° | 1259.4 | 1258.2 | 1256.9 | 1255.7 | 1255.4 | 1256.0 | 1256.5 | 1257.1 | 1257.7 | 1259.1 | 1260.5 |
| 170°   | 1266.0 | 1264.8 | 1263.5 | 1262.3 | 1261.9 | 1262.3 | 1262.7 | 1263.1 | 1263.5 | 1265.0 | 1266.5 |
| 172.5° | 1270.4 | 1269.2 | 1268.0 | 1266.8 | 1266.4 | 1266.8 | 1267.2 | 1267.6 | 1268.0 | 1269.4 | 1270.8 |
| 175°   | 1276.0 | 1274.6 | 1273.0 | 1271.6 | 1271.1 | 1271.5 | 1271.9 | 1272.3 | 1272.7 | 1274.2 | 1275.7 |
| 177.5° | 1277.2 | 1276.1 | 1274.9 | 1273.7 | 1273.2 | 1273.4 | 1273.5 | 1273.7 | 1273.8 | 1275.1 | 1276.2 |
| 180°   | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5°   | 2088.6 | 2097.3 | 2097.3 | 2098.5 | 2108.4 | 2107.2 | 2106.6 |
| 5°     | 2222.7 | 2235.8 | 2237.4 | 2251.3 | 2260.6 | 2257.5 | 2249.0 |
| 7.5°   | 2349.1 | 2373.6 | 2392.2 | 2402.6 | 2414.8 | 2422.4 | 2418.9 |
| 10°    | 2449.4 | 2485.1 | 2506.7 | 2521.4 | 2539.2 | 2552.3 | 2547.7 |
| 12.5°  | 2540.4 | 2582.8 | 2612.6 | 2637.8 | 2640.1 | 2657.0 | 2645.5 |
| 15°    | 2682.4 | 2727.2 | 2731.9 | 2750.5 | 2765.2 | 2763.6 | 2764.4 |
| 17.5°  | 2729.3 | 2743.7 | 2746.6 | 2747.0 | 2747.2 | 2741.8 | 2730.1 |
| 20°    | 2712.6 | 2707.1 | 2694.0 | 2683.9 | 2666.1 | 2663.8 | 2648.4 |
| 22.5°  | 2633.3 | 2616.2 | 2583.1 | 2561.3 | 2533.7 | 2526.4 | 2522.0 |
| 25°    | 2477.3 | 2439.3 | 2386.7 | 2336.4 | 2322.5 | 2295.4 | 2303.2 |
| 27.5°  | 2263.2 | 2204.1 | 2147.2 | 2106.3 | 2069.3 | 2028.7 | 2040.3 |
| 30°    | 2112.7 | 2046.2 | 1965.7 | 1903.8 | 1864.3 | 1825.6 | 1818.7 |
| 32.5°  | 1933.2 | 1835.7 | 1746.0 | 1691.4 | 1630.9 | 1606.5 | 1579.7 |
| 35°    | 1623.7 | 1528.4 | 1439.5 | 1362.8 | 1318.8 | 1284.6 | 1253.7 |
| 37.5°  | 1345.2 | 1235.7 | 1163.8 | 1101.8 | 1069.9 | 1050.4 | 1055.3 |
| 40°    | 1172.5 | 1076.5 | 1023.9 | 976.6  | 947.3  | 933.3  | 936.4  |
| 42.5°  | 1032.6 | 960.7  | 917.4  | 885.0  | 864.3  | 856.6  | 854.7  |
| 45°    | 873.7  | 833.5  | 797.9  | 779.3  | 769.3  | 760.7  | 755.4  |
| 47.5°  | 765.4  | 732.6  | 712.5  | 701.5  | 692.7  | 684.0  | 683.8  |
| 50°    | 700.3  | 678.7  | 664.8  | 653.2  | 646.2  | 640.1  | 645.4  |
| 52.5°  | 650.9  | 631.1  | 617.1  | 606.7  | 604.1  | 598.5  | 598.3  |
| 55°    | 577.3  | 561.9  | 551.8  | 542.5  | 537.9  | 534.7  | 530.9  |
| 57.5°  | 510.5  | 495.7  | 486.5  | 480.6  | 471.8  | 468.7  | 467.5  |
| 60°    | 462.8  | 451.2  | 441.9  | 434.1  | 430.3  | 424.1  | 424.1  |
| 62.5°  | 418.8  | 407.3  | 398.6  | 392.6  | 386.4  | 383.8  | 384.5  |
| 65°    | 355.3  | 346.0  | 337.4  | 331.2  | 329.7  | 325.1  | 326.6  |
| 67.5°  | 296.7  | 290.5  | 281.6  | 278.1  | 275.2  | 272.8  | 270.8  |
| 70°    | 257.7  | 251.6  | 246.9  | 242.3  | 239.9  | 239.9  | 239.9  |
| 72.5°  | 224.9  | 217.4  | 214.7  | 208.8  | 210.2  | 207.7  | 205.2  |
| 75°    | 174.1  | 169.5  | 167.1  | 164.8  | 161.0  | 161.0  | 161.0  |
| 77.5°  | 128.2  | 126.7  | 124.0  | 121.5  | 120.6  | 119.8  | 120.1  |
| 80°    | 99.1   | 98.3   | 96.7   | 96.7   | 95.2   | 94.4   | 92.9   |
| 82.5°  | 76.1   | 74.1   | 73.2   | 72.6   | 72.3   | 72.1   | 71.8   |
| 85°    | 43.3   | 41.8   | 41.8   | 42.5   | 41.0   | 41.0   | 41.8   |
| 87.5°  | 21.0   | 21.2   | 20.7   | 20.8   | 21.5   | 21.0   | 21.1   |
| 90°    | 21.5   | 22.5   | 23.2   | 23.6   | 24.0   | 24.5   | 24.9   |
| 92.5°  | 23.0   | 23.5   | 23.9   | 24.1   | 24.4   | 24.6   | 24.9   |
| 95°    | 39.1   | 40.1   | 40.5   | 40.3   | 40.1   | 39.9   | 39.7   |
| 97.5°  | 50.6   | 51.4   | 51.9   | 52.2   | 52.4   | 52.7   | 52.9   |
| 100°   | 57.5   | 59.2   | 60.2   | 60.6   | 61.0   | 61.4   | 61.8   |
| 102.5° | 60.5   | 62.6   | 63.9   | 64.5   | 65.0   | 65.6   | 66.2   |
| 105°   | 63.0   | 65.2   | 66.9   | 67.7   | 68.5   | 69.3   | 70.1   |
| 107.5° | 71.9   | 69.6   | 68.9   | 69.7   | 70.5   | 71.3   | 72.1   |
| 110°   | 99.9   | 79.4   | 69.6   | 70.4   | 71.2   | 72.0   | 72.9   |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 182.8  | 108.1  | 71.0   | 71.6   | 72.3   | 72.9   | 73.6   |
| 115°   | 284.4  | 189.5  | 134.6  | 119.9  | 105.1  | 90.4   | 75.6   |
| 117.5° | 561.5  | 538.5  | 502.7  | 454.2  | 405.8  | 357.3  | 308.8  |
| 120°   | 683.5  | 685.9  | 673.3  | 645.6  | 617.9  | 590.3  | 562.6  |
| 122.5° | 724.0  | 725.5  | 723.6  | 718.2  | 712.8  | 707.4  | 702.1  |
| 125°   | 783.7  | 785.1  | 786.1  | 786.7  | 787.3  | 788.0  | 788.6  |
| 127.5° | 839.5  | 841.6  | 842.6  | 842.8  | 842.9  | 843.0  | 843.1  |
| 130°   | 874.6  | 876.9  | 878.0  | 877.8  | 877.5  | 877.3  | 877.1  |
| 132.5° | 908.4  | 910.3  | 911.1  | 910.9  | 910.7  | 910.5  | 910.3  |
| 135°   | 957.0  | 959.1  | 959.9  | 959.5  | 959.1  | 958.7  | 958.3  |
| 137.5° | 1002.1 | 1004.1 | 1004.8 | 1004.1 | 1003.4 | 1002.7 | 1002.0 |
| 140°   | 1031.2 | 1033.0 | 1033.4 | 1032.4 | 1031.4 | 1030.4 | 1029.3 |
| 142.5° | 1057.9 | 1059.7 | 1060.0 | 1058.9 | 1057.9 | 1056.9 | 1055.8 |
| 145°   | 1095.4 | 1096.8 | 1097.0 | 1096.0 | 1095.0 | 1094.0 | 1093.0 |
| 147.5° | 1127.8 | 1128.9 | 1129.0 | 1128.1 | 1127.3 | 1126.4 | 1125.6 |
| 150°   | 1148.3 | 1149.5 | 1149.6 | 1148.6 | 1147.5 | 1146.5 | 1145.5 |
| 152.5° | 1166.7 | 1167.9 | 1167.9 | 1166.5 | 1165.2 | 1163.9 | 1162.5 |
| 155°   | 1191.6 | 1192.9 | 1192.7 | 1191.0 | 1189.3 | 1187.7 | 1186.1 |
| 157.5° | 1212.7 | 1214.2 | 1214.1 | 1212.4 | 1210.8 | 1209.2 | 1207.7 |
| 160°   | 1224.9 | 1226.1 | 1226.0 | 1224.5 | 1223.0 | 1221.6 | 1220.2 |
| 162.5° | 1236.4 | 1237.8 | 1237.6 | 1235.9 | 1234.1 | 1232.3 | 1230.5 |
| 165°   | 1250.3 | 1251.7 | 1251.7 | 1250.3 | 1248.9 | 1247.5 | 1246.1 |
| 167.5° | 1261.9 | 1263.4 | 1263.1 | 1261.3 | 1259.5 | 1257.7 | 1255.8 |
| 170°   | 1267.9 | 1269.3 | 1269.1 | 1267.3 | 1265.4 | 1263.5 | 1261.7 |
| 172.5° | 1272.3 | 1273.7 | 1273.5 | 1271.6 | 1269.8 | 1268.0 | 1266.2 |
| 175°   | 1277.1 | 1278.5 | 1278.2 | 1276.2 | 1274.1 | 1272.0 | 1270.0 |
| 177.5° | 1277.4 | 1278.5 | 1278.3 | 1276.9 | 1275.4 | 1273.8 | 1272.4 |
| 180°   | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 | 1274.7 |

(END OF REPORT)