

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: P332698-930

Luminaire Tested: **SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P332698-930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,  
Test Lab: INNOVATION CENTER  
Issue Date: 10/7/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1035 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7257.9 lumens  
Efficiency: N/A  
Efficacy: 108.7 lumens/watt  
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: General Diffuse

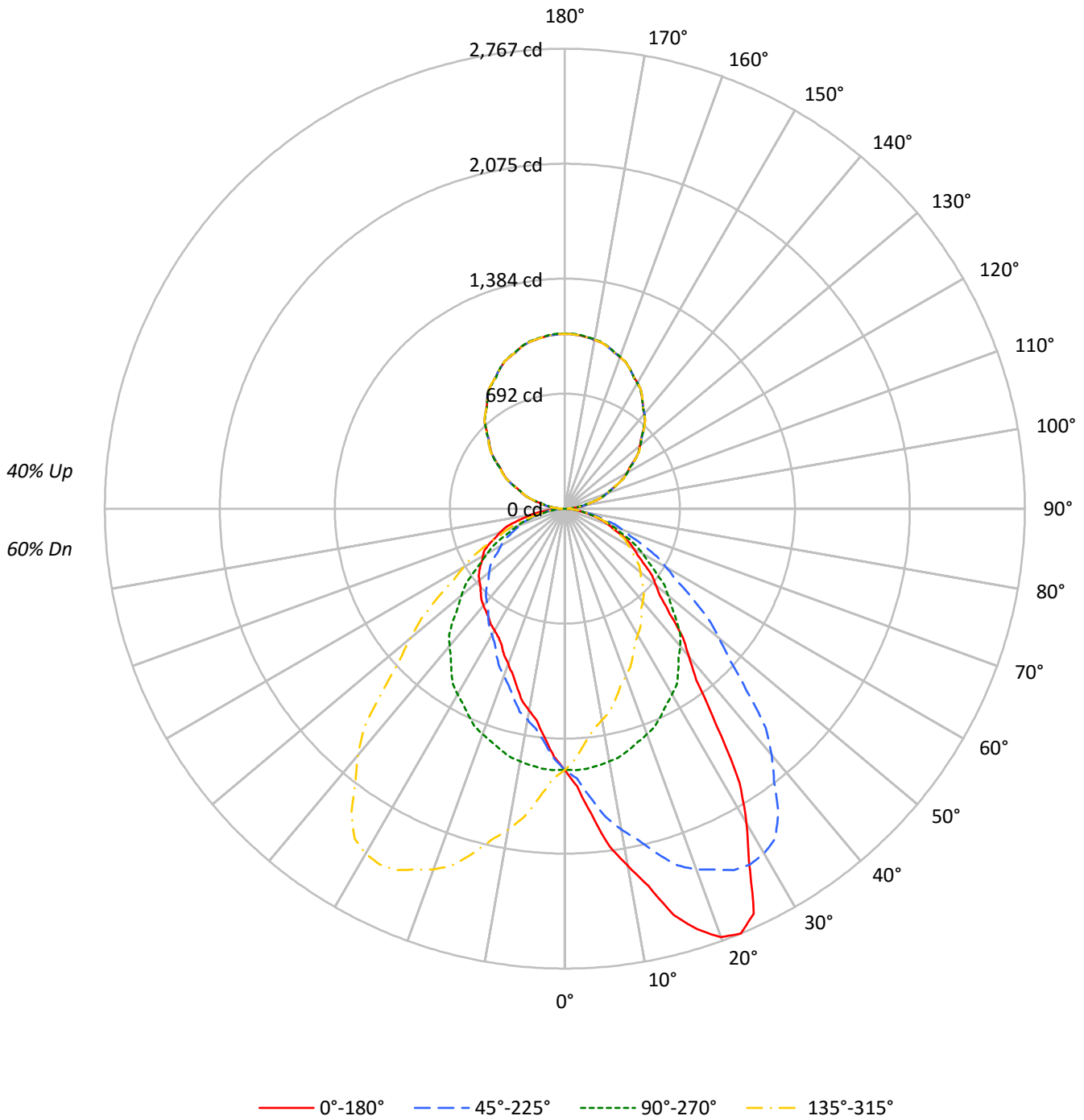
Input Watts (W): 66.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





TEST NUMBER: P332698-930

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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   | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 89 | 89 | 89 | 76 | 76 | 76 | 65 | 65 | 65 | 60 |
| 1   | 100 | 96  | 92  | 89  | 93  | 90  | 86  | 83  | 78 | 76 | 74 | 68 | 66 | 64 | 58 | 57 | 55 | 51 |
| 2   | 91  | 84  | 78  | 73  | 85  | 79  | 73  | 69  | 69 | 65 | 61 | 60 | 57 | 54 | 51 | 49 | 47 | 43 |
| 3   | 84  | 74  | 67  | 61  | 78  | 70  | 63  | 58  | 61 | 56 | 52 | 53 | 49 | 46 | 46 | 43 | 40 | 37 |
| 4   | 77  | 66  | 58  | 52  | 71  | 62  | 55  | 49  | 54 | 49 | 44 | 48 | 43 | 40 | 41 | 38 | 35 | 32 |
| 5   | 71  | 59  | 51  | 45  | 66  | 55  | 48  | 43  | 49 | 43 | 39 | 43 | 38 | 35 | 37 | 34 | 31 | 28 |
| 6   | 65  | 53  | 45  | 39  | 61  | 50  | 43  | 37  | 44 | 38 | 34 | 39 | 34 | 30 | 34 | 30 | 27 | 24 |
| 7   | 60  | 48  | 40  | 34  | 56  | 45  | 38  | 33  | 40 | 34 | 30 | 35 | 31 | 27 | 31 | 27 | 24 | 22 |
| 8   | 56  | 44  | 36  | 30  | 52  | 41  | 34  | 29  | 37 | 31 | 27 | 32 | 28 | 24 | 28 | 25 | 22 | 20 |
| 9   | 52  | 40  | 32  | 27  | 49  | 38  | 31  | 26  | 34 | 28 | 24 | 30 | 25 | 22 | 26 | 22 | 20 | 18 |
| 10  | 49  | 37  | 29  | 25  | 46  | 35  | 28  | 24  | 31 | 26 | 22 | 28 | 23 | 20 | 24 | 21 | 18 | 16 |

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

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



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 153.1  | 2.1       |
| 10°-20°   | 471.9  | 6.5       |
| 20°-30°   | 748.2  | 10.3      |
| 30°-40°   | 832.7  | 11.5      |
| 40°-50°   | 758.0  | 10.4      |
| 50°-60°   | 619.4  | 8.5       |
| 60°-70°   | 442.2  | 6.1       |
| 70°-80°   | 243.5  | 3.4       |
| 80°-90°   | 69.6   | 1.0       |
| 90°-100°  | 69.4   | 1.0       |
| 100°-110° | 205.6  | 2.8       |
| 110°-120° | 348.9  | 4.8       |
| 120°-130° | 460.1  | 6.3       |
| 130°-140° | 516.7  | 7.1       |
| 140°-150° | 507.8  | 7.0       |
| 150°-160° | 427.1  | 5.9       |
| 160°-170° | 284.1  | 3.9       |
| 170°-180° | 99.5   | 1.4       |
| 0°-30°    | 1373.2 | 18.9      |
| 0°-40°    | 2205.9 | 30.4      |
| 0°-60°    | 3583.3 | 49.4      |
| 0°-90°    | 4338.6 | 59.8      |
| 90°-120°  | 623.9  | 8.6       |
| 90°-150°  | 2108.6 | 29.1      |
| 90°-180°  | 2919.0 | 40.2      |
| 0°-180°   | 7257.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1571 | 1571 | 1571 | 1571 | 1571 |      |
| 5°   | 1844 | 1570 | 1385 | 1570 | 1844 | 187  |
| 15°  | 2532 | 1500 | 1110 | 1500 | 2532 | 715  |
| 25°  | 2688 | 1371 | 902  | 1371 | 2688 | 1185 |
| 35°  | 1590 | 1190 | 799  | 1190 | 1590 | 1009 |
| 45°  | 892  | 950  | 715  | 950  | 892  | 703  |
| 55°  | 583  | 669  | 624  | 669  | 583  | 527  |
| 65°  | 375  | 416  | 499  | 416  | 375  | 371  |
| 75°  | 187  | 202  | 308  | 202  | 187  | 199  |
| 85°  | 39   | 40   | 96   | 40   | 39   | 48   |
| 90°  | 24   | 2    | 24   | 2    | 24   | 14   |
| 95°  | 64   | 49   | 64   | 49   | 64   | 67   |
| 105° | 198  | 190  | 198  | 190  | 198  | 209  |
| 115° | 352  | 355  | 352  | 355  | 352  | 348  |
| 125° | 513  | 517  | 513  | 517  | 513  | 457  |
| 135° | 667  | 666  | 667  | 666  | 667  | 515  |
| 145° | 810  | 810  | 810  | 810  | 810  | 507  |
| 155° | 927  | 928  | 927  | 928  | 927  | 427  |
| 165° | 1008 | 1010 | 1008 | 1010 | 1008 | 284  |
| 175° | 1046 | 1051 | 1046 | 1051 | 1046 | 99   |
| 180° | 1052 | 1052 | 1052 | 1052 | 1052 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1672.4 | 1671.9 | 1666.7 | 1665.7 | 1662.0 | 1657.3 | 1656.3 | 1648.0 | 1631.3 | 1623.4 | 1621.4 |
| 5°     | 1843.5 | 1856.5 | 1839.6 | 1836.3 | 1834.3 | 1812.9 | 1801.8 | 1788.8 | 1758.8 | 1741.3 | 1727.6 |
| 7.5°   | 2047.6 | 2049.2 | 2041.8 | 2035.8 | 2019.3 | 2000.5 | 1972.4 | 1942.5 | 1906.7 | 1869.6 | 1841.7 |
| 10°    | 2182.0 | 2187.2 | 2178.7 | 2177.4 | 2144.2 | 2123.4 | 2081.7 | 2046.6 | 2006.2 | 1961.3 | 1920.3 |
| 12.5°  | 2323.6 | 2316.3 | 2312.0 | 2284.1 | 2278.0 | 2240.0 | 2191.6 | 2155.4 | 2093.2 | 2041.5 | 1987.0 |
| 15°    | 2532.2 | 2517.9 | 2508.8 | 2470.4 | 2451.4 | 2398.7 | 2347.3 | 2307.6 | 2226.3 | 2148.8 | 2090.2 |
| 17.5°  | 2654.5 | 2668.9 | 2647.8 | 2632.0 | 2583.2 | 2546.3 | 2493.7 | 2410.4 | 2346.7 | 2250.5 | 2176.5 |
| 20°    | 2743.1 | 2744.4 | 2732.6 | 2716.4 | 2678.0 | 2631.1 | 2573.8 | 2482.7 | 2406.5 | 2310.9 | 2209.3 |
| 22.5°  | 2767.0 | 2767.3 | 2762.3 | 2747.2 | 2718.0 | 2680.1 | 2622.2 | 2546.3 | 2454.0 | 2349.9 | 2248.4 |
| 25°    | 2688.4 | 2685.8 | 2691.6 | 2708.6 | 2697.5 | 2685.8 | 2652.6 | 2596.0 | 2510.1 | 2400.0 | 2290.7 |
| 27.5°  | 2396.2 | 2414.2 | 2447.3 | 2488.9 | 2529.1 | 2559.6 | 2568.3 | 2556.6 | 2503.4 | 2413.0 | 2298.3 |
| 30°    | 2185.9 | 2208.0 | 2232.8 | 2274.4 | 2355.2 | 2401.3 | 2452.1 | 2490.5 | 2469.1 | 2396.8 | 2290.0 |
| 32.5°  | 1954.7 | 1960.1 | 1996.8 | 2044.2 | 2118.1 | 2207.1 | 2287.6 | 2365.5 | 2391.4 | 2353.5 | 2264.5 |
| 35°    | 1589.6 | 1598.7 | 1638.4 | 1685.3 | 1775.8 | 1884.5 | 2005.6 | 2113.6 | 2202.8 | 2238.6 | 2193.0 |
| 37.5°  | 1297.2 | 1323.4 | 1351.4 | 1401.7 | 1481.4 | 1579.3 | 1705.1 | 1844.9 | 1977.8 | 2066.9 | 2081.9 |
| 40°    | 1158.7 | 1174.9 | 1195.1 | 1233.5 | 1301.2 | 1397.6 | 1505.6 | 1665.7 | 1807.0 | 1934.6 | 1976.3 |
| 42.5°  | 1049.3 | 1058.8 | 1071.2 | 1106.0 | 1157.5 | 1253.4 | 1352.0 | 1492.9 | 1634.7 | 1787.2 | 1857.0 |
| 45°    | 891.8  | 901.6  | 922.3  | 942.6  | 981.6  | 1048.0 | 1139.8 | 1255.6 | 1398.2 | 1545.3 | 1674.2 |
| 47.5°  | 778.0  | 784.2  | 796.6  | 818.2  | 851.4  | 895.2  | 969.9  | 1066.7 | 1198.8 | 1341.6 | 1479.0 |
| 50°    | 713.5  | 718.6  | 728.4  | 748.0  | 773.3  | 812.4  | 873.6  | 964.0  | 1067.6 | 1211.4 | 1346.1 |
| 52.5°  | 662.4  | 664.5  | 671.6  | 684.9  | 705.1  | 737.9  | 788.1  | 863.0  | 959.2  | 1087.4 | 1221.7 |
| 55°    | 583.3  | 585.9  | 592.4  | 602.1  | 619.7  | 640.5  | 678.9  | 734.9  | 818.9  | 930.2  | 1046.7 |
| 57.5°  | 518.1  | 520.0  | 525.5  | 529.2  | 543.6  | 560.6  | 590.1  | 630.1  | 693.7  | 788.1  | 892.2  |
| 60°    | 476.5  | 475.2  | 481.7  | 484.9  | 494.7  | 509.1  | 531.8  | 570.2  | 625.6  | 701.7  | 797.4  |
| 62.5°  | 435.9  | 434.1  | 439.5  | 443.8  | 449.4  | 461.6  | 480.3  | 510.4  | 555.2  | 624.1  | 706.8  |
| 65°    | 375.0  | 372.3  | 375.6  | 380.8  | 386.0  | 392.5  | 406.2  | 432.8  | 468.7  | 518.1  | 581.3  |
| 67.5°  | 313.7  | 316.5  | 317.0  | 319.6  | 322.6  | 331.5  | 340.8  | 359.7  | 385.0  | 424.5  | 478.1  |
| 70°    | 277.3  | 277.9  | 280.5  | 280.5  | 282.5  | 290.3  | 298.2  | 309.2  | 333.9  | 370.4  | 414.0  |
| 72.5°  | 240.8  | 243.6  | 242.6  | 244.6  | 246.1  | 251.3  | 257.0  | 267.5  | 288.6  | 315.7  | 352.5  |
| 75°    | 187.4  | 189.4  | 189.4  | 190.0  | 192.0  | 194.0  | 198.5  | 206.4  | 221.4  | 241.5  | 266.8  |
| 77.5°  | 136.7  | 137.0  | 137.9  | 140.2  | 140.2  | 143.3  | 146.8  | 153.0  | 160.4  | 174.2  | 189.7  |
| 80°    | 105.4  | 106.7  | 106.1  | 107.4  | 107.4  | 110.0  | 111.3  | 119.1  | 122.4  | 131.5  | 143.8  |
| 82.5°  | 77.4   | 78.6   | 78.5   | 80.3   | 81.4   | 81.9   | 83.7   | 86.8   | 90.1   | 98.2   | 103.2  |
| 85°    | 39.1   | 40.4   | 39.1   | 40.4   | 42.3   | 43.0   | 44.9   | 45.6   | 48.2   | 50.1   | 54.7   |
| 87.5°  | 16.3   | 17.9   | 17.8   | 18.2   | 19.2   | 19.6   | 19.9   | 19.1   | 21.0   | 21.3   | 23.1   |
| 90°    | 24.4   | 24.1   | 23.7   | 23.3   | 23.0   | 22.3   | 21.2   | 20.1   | 19.0   | 17.9   | 16.5   |
| 92.5°  | 36.1   | 36.0   | 35.7   | 35.5   | 35.3   | 34.8   | 34.2   | 33.5   | 32.9   | 32.2   | 31.2   |
| 95°    | 64.3   | 64.3   | 64.3   | 64.3   | 64.3   | 64.0   | 63.5   | 62.9   | 62.4   | 61.9   | 60.6   |
| 97.5°  | 100.8  | 100.8  | 100.8  | 100.8  | 100.8  | 100.4  | 99.8   | 99.1   | 98.5   | 97.8   | 96.4   |
| 100°   | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.0  | 125.6  | 125.2  | 124.9  | 124.5  | 122.9  |
| 102.5° | 154.7  | 154.7  | 154.5  | 154.3  | 154.2  | 153.8  | 153.4  | 152.9  | 152.4  | 151.9  | 150.3  |
| 105°   | 198.5  | 198.0  | 197.5  | 196.9  | 196.4  | 195.8  | 195.3  | 194.8  | 194.2  | 193.7  | 193.0  |
| 107.5° | 241.2  | 241.2  | 241.2  | 241.3  | 241.3  | 241.1  | 240.6  | 240.1  | 239.6  | 239.1  | 239.0  |
| 110°   | 271.8  | 271.3  | 270.7  | 270.2  | 269.6  | 269.5  | 269.9  | 270.3  | 270.6  | 271.0  | 271.2  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 303.0  | 303.0  | 302.8  | 302.7  | 302.6  | 302.6  | 302.6  | 302.7  | 302.8  | 302.9  | 303.2  |
| 115°   | 351.6  | 351.7  | 351.9  | 352.1  | 352.3  | 352.5  | 352.6  | 352.8  | 353.0  | 353.2  | 353.5  |
| 117.5° | 397.8  | 398.1  | 398.5  | 398.8  | 399.3  | 399.7  | 400.3  | 401.0  | 401.5  | 402.2  | 402.4  |
| 120°   | 432.9  | 432.6  | 432.2  | 431.9  | 431.5  | 431.8  | 432.7  | 433.6  | 434.5  | 435.4  | 435.9  |
| 122.5° | 462.2  | 462.8  | 463.5  | 464.1  | 464.8  | 465.5  | 466.1  | 466.7  | 467.3  | 467.9  | 468.1  |
| 125°   | 512.7  | 513.1  | 513.4  | 513.8  | 514.1  | 514.5  | 514.9  | 515.2  | 515.6  | 515.9  | 516.1  |
| 127.5° | 559.4  | 559.7  | 559.9  | 560.3  | 560.5  | 560.8  | 561.3  | 561.6  | 562.0  | 562.3  | 562.6  |
| 130°   | 590.0  | 590.7  | 591.4  | 592.2  | 592.9  | 593.5  | 593.8  | 594.2  | 594.5  | 594.8  | 594.8  |
| 132.5° | 622.6  | 622.8  | 623.1  | 623.4  | 623.7  | 624.0  | 624.4  | 624.8  | 625.1  | 625.5  | 625.6  |
| 135°   | 667.3  | 667.8  | 668.4  | 669.0  | 669.4  | 669.9  | 670.3  | 670.7  | 671.0  | 671.4  | 671.4  |
| 137.5° | 714.4  | 714.2  | 714.1  | 714.0  | 713.9  | 714.1  | 714.5  | 715.0  | 715.5  | 716.0  | 715.7  |
| 140°   | 743.0  | 743.1  | 743.3  | 743.6  | 743.7  | 743.9  | 744.0  | 744.3  | 744.4  | 744.6  | 744.6  |
| 142.5° | 771.6  | 771.7  | 771.7  | 771.8  | 771.8  | 771.8  | 771.8  | 771.8  | 771.9  | 771.9  | 772.1  |
| 145°   | 810.5  | 811.1  | 811.6  | 812.1  | 812.7  | 813.0  | 813.3  | 813.4  | 813.6  | 813.8  | 813.6  |
| 147.5° | 849.9  | 850.1  | 850.3  | 850.4  | 850.6  | 850.8  | 850.9  | 851.1  | 851.3  | 851.4  | 851.5  |
| 150°   | 874.0  | 874.2  | 874.3  | 874.6  | 874.7  | 874.8  | 874.8  | 874.8  | 874.8  | 874.8  | 874.8  |
| 152.5° | 896.1  | 896.6  | 897.1  | 897.6  | 898.1  | 898.1  | 897.6  | 897.2  | 896.7  | 896.3  | 896.2  |
| 155°   | 926.9  | 927.6  | 928.4  | 929.0  | 929.8  | 929.8  | 929.0  | 928.4  | 927.6  | 926.9  | 927.1  |
| 157.5° | 954.4  | 955.0  | 955.6  | 956.3  | 956.8  | 956.9  | 956.3  | 955.8  | 955.3  | 954.7  | 954.8  |
| 160°   | 970.0  | 970.9  | 971.8  | 972.7  | 973.6  | 973.8  | 973.3  | 972.7  | 972.2  | 971.7  | 971.8  |
| 162.5° | 986.3  | 987.2  | 988.1  | 989.0  | 989.9  | 989.9  | 988.9  | 987.9  | 986.9  | 985.9  | 986.2  |
| 165°   | 1007.5 | 1008.2 | 1008.9 | 1009.7 | 1010.3 | 1010.2 | 1009.1 | 1008.0 | 1006.9 | 1005.8 | 1006.2 |
| 167.5° | 1022.6 | 1023.7 | 1024.8 | 1026.0 | 1027.1 | 1027.1 | 1026.1 | 1024.9 | 1023.9 | 1022.8 | 1022.7 |
| 170°   | 1031.0 | 1032.3 | 1033.6 | 1034.9 | 1036.1 | 1036.2 | 1035.1 | 1034.0 | 1033.0 | 1031.8 | 1031.7 |
| 172.5° | 1038.2 | 1039.5 | 1040.7 | 1042.0 | 1043.3 | 1043.3 | 1042.0 | 1040.8 | 1039.6 | 1038.4 | 1038.4 |
| 175°   | 1045.7 | 1047.0 | 1048.2 | 1049.5 | 1050.8 | 1050.8 | 1049.5 | 1048.2 | 1047.0 | 1045.7 | 1045.9 |
| 177.5° | 1049.6 | 1050.8 | 1051.9 | 1053.1 | 1054.3 | 1054.3 | 1053.3 | 1052.3 | 1051.2 | 1050.3 | 1050.3 |
| 180°   | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 |



TEST NUMBER: P332698-930

CATALOG NUMBER: SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1621.9 | 1614.6 | 1609.4 | 1605.2 | 1593.7 | 1587.0 | 1581.8 | 1574.5 | 1566.2 | 1557.3 | 1546.4 |
| 5°     | 1713.9 | 1691.8 | 1675.5 | 1650.8 | 1627.3 | 1607.9 | 1587.6 | 1569.5 | 1547.3 | 1523.2 | 1505.6 |
| 7.5°   | 1810.7 | 1777.8 | 1735.5 | 1699.0 | 1657.8 | 1622.0 | 1590.0 | 1557.2 | 1523.1 | 1490.0 | 1459.7 |
| 10°    | 1872.1 | 1829.8 | 1782.9 | 1727.6 | 1675.5 | 1629.3 | 1586.3 | 1544.7 | 1504.3 | 1464.0 | 1429.5 |
| 12.5°  | 1938.3 | 1885.5 | 1816.2 | 1751.6 | 1693.2 | 1631.4 | 1579.6 | 1528.5 | 1479.8 | 1437.5 | 1397.2 |
| 15°    | 2027.1 | 1950.8 | 1870.8 | 1784.2 | 1707.4 | 1635.2 | 1564.2 | 1499.7 | 1445.1 | 1389.1 | 1350.1 |
| 17.5°  | 2081.6 | 1987.4 | 1895.8 | 1805.3 | 1712.4 | 1621.2 | 1544.7 | 1470.4 | 1401.9 | 1346.3 | 1297.1 |
| 20°    | 2117.5 | 2023.8 | 1909.8 | 1819.4 | 1708.7 | 1615.0 | 1526.5 | 1443.8 | 1372.2 | 1313.0 | 1262.2 |
| 22.5°  | 2148.8 | 2040.4 | 1926.6 | 1807.4 | 1697.3 | 1597.8 | 1501.0 | 1417.7 | 1344.6 | 1282.2 | 1233.5 |
| 25°    | 2165.7 | 2041.3 | 1917.7 | 1799.2 | 1674.2 | 1556.4 | 1468.5 | 1370.9 | 1292.7 | 1227.0 | 1174.9 |
| 27.5°  | 2167.6 | 2034.6 | 1894.7 | 1763.0 | 1634.0 | 1524.3 | 1413.3 | 1326.1 | 1245.0 | 1175.5 | 1125.5 |
| 30°    | 2161.8 | 2023.2 | 1872.7 | 1730.2 | 1600.7 | 1481.6 | 1385.2 | 1290.2 | 1207.5 | 1138.5 | 1086.4 |
| 32.5°  | 2143.6 | 1999.2 | 1844.6 | 1693.8 | 1559.5 | 1443.0 | 1343.5 | 1253.2 | 1172.6 | 1104.6 | 1049.9 |
| 35°    | 2090.8 | 1948.2 | 1783.5 | 1626.7 | 1489.4 | 1371.6 | 1281.7 | 1189.9 | 1109.2 | 1044.8 | 992.1  |
| 37.5°  | 2008.4 | 1879.5 | 1712.1 | 1549.8 | 1414.9 | 1296.6 | 1207.5 | 1124.5 | 1051.8 | 986.3  | 932.3  |
| 40°    | 1936.6 | 1823.3 | 1655.4 | 1497.1 | 1351.4 | 1238.8 | 1155.4 | 1079.3 | 1007.0 | 945.2  | 893.7  |
| 42.5°  | 1853.7 | 1755.1 | 1600.2 | 1432.6 | 1292.0 | 1178.8 | 1097.6 | 1029.2 | 961.2  | 904.0  | 852.6  |
| 45°    | 1706.1 | 1641.0 | 1495.3 | 1340.3 | 1193.8 | 1087.0 | 1009.6 | 949.7  | 892.4  | 836.5  | 793.5  |
| 47.5°  | 1536.4 | 1504.1 | 1381.3 | 1234.2 | 1095.1 | 989.9  | 922.8  | 867.5  | 817.2  | 769.8  | 731.9  |
| 50°    | 1422.3 | 1406.7 | 1300.6 | 1158.7 | 1025.9 | 926.9  | 859.2  | 811.7  | 768.7  | 727.1  | 691.3  |
| 52.5°  | 1309.9 | 1309.3 | 1213.7 | 1083.7 | 960.8  | 865.5  | 798.3  | 753.9  | 716.7  | 682.8  | 650.7  |
| 55°    | 1137.8 | 1156.1 | 1081.2 | 965.3  | 855.3  | 769.4  | 708.9  | 669.2  | 643.1  | 615.1  | 591.1  |
| 57.5°  | 979.9  | 1010.2 | 948.4  | 846.4  | 754.6  | 675.4  | 622.7  | 592.9  | 565.2  | 548.2  | 530.7  |
| 60°    | 876.9  | 905.5  | 857.3  | 771.4  | 684.8  | 617.1  | 567.0  | 540.3  | 516.2  | 504.5  | 492.1  |
| 62.5°  | 785.1  | 810.7  | 775.0  | 695.4  | 620.2  | 555.1  | 512.8  | 487.1  | 470.9  | 458.1  | 450.0  |
| 65°    | 654.2  | 675.7  | 645.1  | 587.2  | 522.7  | 470.7  | 436.1  | 416.0  | 400.3  | 395.1  | 386.0  |
| 67.5°  | 528.8  | 548.4  | 531.8  | 482.6  | 430.9  | 391.5  | 364.5  | 345.1  | 335.9  | 331.3  | 324.8  |
| 70°    | 454.4  | 473.9  | 456.3  | 413.4  | 373.7  | 340.5  | 315.0  | 304.0  | 294.2  | 292.3  | 283.2  |
| 72.5°  | 391.3  | 404.6  | 387.0  | 353.4  | 319.5  | 291.5  | 271.8  | 260.2  | 255.2  | 251.7  | 246.7  |
| 75°    | 293.6  | 305.3  | 293.6  | 267.5  | 243.4  | 224.0  | 207.0  | 202.4  | 196.6  | 194.6  | 191.4  |
| 77.5°  | 207.8  | 217.9  | 209.0  | 192.7  | 174.7  | 159.6  | 150.5  | 144.6  | 143.3  | 140.0  | 141.5  |
| 80°    | 158.8  | 165.3  | 156.9  | 145.8  | 131.5  | 121.1  | 114.5  | 111.3  | 107.4  | 106.1  | 108.7  |
| 82.5°  | 114.1  | 116.9  | 112.6  | 105.2  | 94.5   | 87.7   | 83.3   | 79.6   | 78.8   | 79.0   | 79.0   |
| 85°    | 59.3   | 58.6   | 58.0   | 51.4   | 48.2   | 43.6   | 41.0   | 40.4   | 39.7   | 41.0   | 42.3   |
| 87.5°  | 22.8   | 23.0   | 22.2   | 19.8   | 17.9   | 15.9   | 14.9   | 14.0   | 14.9   | 15.9   | 16.8   |
| 90°    | 15.0   | 13.5   | 12.1   | 10.4   | 8.4    | 6.4    | 4.4    | 2.4    | 4.4    | 6.4    | 8.4    |
| 92.5°  | 30.2   | 29.2   | 28.2   | 26.5   | 24.2   | 21.9   | 19.7   | 17.4   | 19.7   | 21.9   | 24.2   |
| 95°    | 59.4   | 58.0   | 56.7   | 55.4   | 53.7   | 52.1   | 50.5   | 48.8   | 50.5   | 52.1   | 53.7   |
| 97.5°  | 94.8   | 93.4   | 91.9   | 90.5   | 89.2   | 87.9   | 86.6   | 85.3   | 86.6   | 87.9   | 89.2   |
| 100°   | 121.2  | 119.6  | 118.0  | 116.8  | 116.1  | 115.4  | 114.6  | 113.9  | 114.6  | 115.4  | 116.1  |
| 102.5° | 148.9  | 147.4  | 145.9  | 145.0  | 144.7  | 144.5  | 144.1  | 143.9  | 144.1  | 144.5  | 144.7  |
| 105°   | 192.2  | 191.5  | 190.8  | 190.4  | 190.1  | 190.0  | 189.8  | 189.6  | 189.8  | 190.0  | 190.1  |
| 107.5° | 238.9  | 238.8  | 238.6  | 238.5  | 238.3  | 238.1  | 237.8  | 237.7  | 237.8  | 238.1  | 238.3  |
| 110°   | 271.3  | 271.5  | 271.7  | 271.7  | 271.3  | 270.9  | 270.5  | 270.2  | 270.5  | 270.9  | 271.3  |





TEST NUMBER: P332698-930

CATALOG NUMBER: SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 303.5  | 303.9  | 304.2  | 304.4  | 304.3  | 304.2  | 304.1  | 304.0  | 304.1  | 304.2  | 304.3  |
| 115°   | 353.9  | 354.2  | 354.7  | 354.8  | 354.8  | 354.8  | 354.8  | 354.8  | 354.8  | 354.8  | 354.8  |
| 117.5° | 402.7  | 402.9  | 403.2  | 403.2  | 403.1  | 402.9  | 402.8  | 402.7  | 402.8  | 402.9  | 403.1  |
| 120°   | 436.4  | 437.0  | 437.6  | 437.5  | 436.8  | 436.0  | 435.3  | 434.6  | 435.3  | 436.0  | 436.8  |
| 122.5° | 468.4  | 468.7  | 469.0  | 468.9  | 468.6  | 468.3  | 468.1  | 467.7  | 468.1  | 468.3  | 468.6  |
| 125°   | 516.3  | 516.5  | 516.7  | 516.7  | 516.7  | 516.7  | 516.7  | 516.7  | 516.7  | 516.7  | 516.7  |
| 127.5° | 562.9  | 563.2  | 563.5  | 563.4  | 562.8  | 562.2  | 561.7  | 561.2  | 561.7  | 562.2  | 562.8  |
| 130°   | 594.8  | 594.8  | 594.8  | 594.6  | 594.0  | 593.5  | 593.0  | 592.4  | 593.0  | 593.5  | 594.0  |
| 132.5° | 625.7  | 625.9  | 626.1  | 625.9  | 625.5  | 625.1  | 624.8  | 624.4  | 624.8  | 625.1  | 625.5  |
| 135°   | 671.4  | 671.4  | 671.4  | 670.8  | 669.8  | 668.6  | 667.6  | 666.5  | 667.6  | 668.6  | 669.8  |
| 137.5° | 715.4  | 715.1  | 714.8  | 714.4  | 713.9  | 713.4  | 712.9  | 712.4  | 712.9  | 713.4  | 713.9  |
| 140°   | 744.6  | 744.6  | 744.6  | 744.4  | 744.0  | 743.7  | 743.3  | 743.0  | 743.3  | 743.7  | 744.0  |
| 142.5° | 772.3  | 772.4  | 772.5  | 772.4  | 772.1  | 771.7  | 771.4  | 770.9  | 771.4  | 771.7  | 772.1  |
| 145°   | 813.4  | 813.3  | 813.0  | 812.6  | 811.9  | 811.1  | 810.4  | 809.7  | 810.4  | 811.1  | 811.9  |
| 147.5° | 851.7  | 851.8  | 852.0  | 851.6  | 850.8  | 849.9  | 849.0  | 848.2  | 849.0  | 849.9  | 850.8  |
| 150°   | 874.8  | 874.8  | 874.8  | 874.5  | 873.8  | 873.0  | 872.3  | 871.6  | 872.3  | 873.0  | 873.8  |
| 152.5° | 896.0  | 895.9  | 895.7  | 895.4  | 895.0  | 894.5  | 894.1  | 893.7  | 894.1  | 894.5  | 895.0  |
| 155°   | 927.2  | 927.4  | 927.6  | 927.7  | 927.7  | 927.7  | 927.7  | 927.7  | 927.7  | 927.7  | 927.7  |
| 157.5° | 954.8  | 954.8  | 954.9  | 955.0  | 955.4  | 955.7  | 956.0  | 956.3  | 956.0  | 955.7  | 955.4  |
| 160°   | 972.0  | 972.2  | 972.4  | 972.6  | 972.7  | 972.9  | 973.1  | 973.3  | 973.1  | 972.9  | 972.7  |
| 162.5° | 986.3  | 986.5  | 986.7  | 987.0  | 987.5  | 988.0  | 988.5  | 988.9  | 988.5  | 988.0  | 987.5  |
| 165°   | 1006.6 | 1006.9 | 1007.3 | 1007.7 | 1008.3 | 1008.9 | 1009.3 | 1009.9 | 1009.3 | 1008.9 | 1008.3 |
| 167.5° | 1022.7 | 1022.6 | 1022.6 | 1023.0 | 1023.8 | 1024.5 | 1025.2 | 1026.1 | 1025.2 | 1024.5 | 1023.8 |
| 170°   | 1031.5 | 1031.4 | 1031.1 | 1031.5 | 1032.4 | 1033.3 | 1034.2 | 1035.1 | 1034.2 | 1033.3 | 1032.4 |
| 172.5° | 1038.3 | 1038.3 | 1038.2 | 1038.6 | 1039.3 | 1040.2 | 1040.9 | 1041.6 | 1040.9 | 1040.2 | 1039.3 |
| 175°   | 1046.0 | 1046.3 | 1046.4 | 1047.0 | 1047.9 | 1048.8 | 1049.7 | 1050.6 | 1049.7 | 1048.8 | 1047.9 |
| 177.5° | 1050.3 | 1050.3 | 1050.3 | 1050.6 | 1051.3 | 1052.1 | 1052.8 | 1053.5 | 1052.8 | 1052.1 | 1051.3 |
| 180°   | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 |



TEST NUMBER: P332698-930

CATALOG NUMBER: SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1541.2 | 1536.5 | 1529.7 | 1520.4 | 1512.5 | 1504.2 | 1502.1 | 1499.0 | 1505.2 | 1500.1 | 1498.4 |
| 5°     | 1490.7 | 1477.0 | 1459.4 | 1439.2 | 1427.5 | 1410.6 | 1407.4 | 1400.8 | 1394.3 | 1393.7 | 1387.2 |
| 7.5°   | 1437.1 | 1417.1 | 1394.1 | 1373.5 | 1354.5 | 1336.0 | 1323.9 | 1321.3 | 1311.7 | 1306.0 | 1299.5 |
| 10°    | 1402.8 | 1378.0 | 1351.4 | 1331.9 | 1309.7 | 1290.2 | 1276.5 | 1268.7 | 1262.2 | 1255.0 | 1248.5 |
| 12.5°  | 1362.2 | 1335.9 | 1313.9 | 1292.7 | 1266.5 | 1251.6 | 1229.1 | 1215.6 | 1214.3 | 1214.4 | 1197.5 |
| 15°    | 1314.9 | 1288.9 | 1255.0 | 1225.1 | 1210.7 | 1182.1 | 1169.7 | 1154.1 | 1144.4 | 1134.6 | 1126.8 |
| 17.5°  | 1260.9 | 1228.5 | 1202.0 | 1167.7 | 1140.4 | 1117.5 | 1101.3 | 1091.9 | 1077.2 | 1063.4 | 1053.4 |
| 20°    | 1227.0 | 1192.5 | 1164.6 | 1128.0 | 1098.1 | 1070.2 | 1056.5 | 1043.5 | 1032.4 | 1020.7 | 1009.6 |
| 22.5°  | 1192.6 | 1156.6 | 1122.3 | 1087.0 | 1059.1 | 1029.6 | 1016.4 | 998.7  | 988.1  | 981.6  | 970.5  |
| 25°    | 1138.5 | 1099.4 | 1060.4 | 1026.5 | 997.9  | 971.8  | 954.3  | 940.6  | 928.9  | 923.7  | 916.6  |
| 27.5°  | 1079.6 | 1040.9 | 1003.1 | 964.7  | 932.1  | 913.3  | 899.2  | 888.9  | 882.2  | 875.2  | 872.0  |
| 30°    | 1042.2 | 1001.8 | 961.5  | 925.6  | 895.7  | 876.9  | 863.8  | 856.6  | 851.4  | 848.2  | 844.9  |
| 32.5°  | 1004.1 | 964.3  | 921.9  | 889.2  | 862.3  | 845.5  | 835.7  | 828.5  | 825.9  | 824.8  | 823.6  |
| 35°    | 943.2  | 902.9  | 863.8  | 834.5  | 809.1  | 802.6  | 794.2  | 790.3  | 789.0  | 793.5  | 795.5  |
| 37.5°  | 884.3  | 846.8  | 810.8  | 782.4  | 765.8  | 756.3  | 753.4  | 753.5  | 758.2  | 762.2  | 767.0  |
| 40°    | 846.2  | 809.8  | 775.9  | 751.2  | 735.6  | 729.7  | 728.4  | 731.6  | 736.9  | 741.4  | 746.7  |
| 42.5°  | 809.3  | 773.3  | 742.6  | 719.4  | 708.5  | 703.1  | 703.9  | 707.2  | 714.4  | 720.1  | 727.9  |
| 45°    | 751.9  | 721.9  | 691.9  | 673.1  | 664.0  | 665.3  | 665.3  | 671.2  | 678.2  | 686.7  | 695.2  |
| 47.5°  | 697.8  | 667.6  | 643.0  | 627.1  | 622.4  | 621.3  | 624.9  | 632.6  | 642.9  | 653.3  | 665.1  |
| 50°    | 661.4  | 632.8  | 611.2  | 596.9  | 591.7  | 593.7  | 598.8  | 606.0  | 618.4  | 631.4  | 643.8  |
| 52.5°  | 624.4  | 598.3  | 578.5  | 565.2  | 561.5  | 565.0  | 570.2  | 581.6  | 592.4  | 606.4  | 621.4  |
| 55°    | 567.0  | 544.9  | 529.2  | 519.4  | 518.1  | 520.1  | 525.9  | 538.3  | 553.9  | 571.5  | 585.9  |
| 57.5°  | 509.8  | 491.3  | 477.0  | 470.3  | 470.9  | 472.7  | 482.3  | 497.1  | 513.7  | 532.5  | 551.0  |
| 60°    | 471.2  | 454.4  | 442.6  | 437.4  | 438.1  | 442.0  | 453.7  | 467.4  | 488.2  | 506.5  | 525.9  |
| 62.5°  | 434.8  | 420.0  | 408.8  | 404.1  | 403.2  | 411.8  | 423.0  | 437.2  | 458.0  | 478.3  | 499.4  |
| 65°    | 376.3  | 364.5  | 355.4  | 352.8  | 354.7  | 361.3  | 375.6  | 394.4  | 412.1  | 433.5  | 455.7  |
| 67.5°  | 318.9  | 309.3  | 303.0  | 304.3  | 306.6  | 316.3  | 328.2  | 344.5  | 364.4  | 386.7  | 408.5  |
| 70°    | 282.5  | 273.4  | 268.2  | 268.8  | 272.7  | 284.5  | 294.9  | 311.1  | 332.6  | 355.4  | 373.7  |
| 72.5°  | 245.0  | 239.0  | 234.3  | 237.1  | 241.0  | 249.1  | 262.0  | 278.3  | 297.3  | 318.5  | 337.7  |
| 75°    | 188.1  | 188.1  | 185.5  | 187.4  | 193.3  | 201.1  | 210.9  | 227.8  | 246.7  | 263.7  | 279.2  |
| 77.5°  | 139.6  | 138.1  | 139.8  | 142.2  | 145.5  | 154.8  | 166.0  | 178.1  | 192.3  | 209.2  | 222.1  |
| 80°    | 106.7  | 107.4  | 110.6  | 114.5  | 115.9  | 123.0  | 134.8  | 145.8  | 156.9  | 171.2  | 183.6  |
| 82.5°  | 80.2   | 80.9   | 82.5   | 87.5   | 88.8   | 96.4   | 104.0  | 115.1  | 125.1  | 134.8  | 145.0  |
| 85°    | 43.6   | 43.6   | 46.9   | 48.8   | 52.1   | 57.3   | 61.8   | 68.3   | 77.5   | 84.0   | 93.8   |
| 87.5°  | 18.8   | 19.1   | 21.4   | 22.8   | 24.6   | 27.6   | 28.8   | 34.7   | 37.0   | 39.9   | 44.7   |
| 90°    | 10.4   | 12.1   | 13.5   | 15.0   | 16.5   | 17.9   | 19.0   | 20.1   | 21.2   | 22.3   | 23.0   |
| 92.5°  | 26.5   | 28.2   | 29.2   | 30.2   | 31.2   | 32.2   | 32.9   | 33.5   | 34.2   | 34.8   | 35.3   |
| 95°    | 55.4   | 56.7   | 58.0   | 59.4   | 60.6   | 61.9   | 62.4   | 62.9   | 63.5   | 64.0   | 64.3   |
| 97.5°  | 90.5   | 91.9   | 93.4   | 94.8   | 96.4   | 97.8   | 98.5   | 99.1   | 99.8   | 100.4  | 100.8  |
| 100°   | 116.8  | 118.0  | 119.6  | 121.2  | 122.9  | 124.5  | 124.9  | 125.2  | 125.6  | 126.0  | 126.1  |
| 102.5° | 145.0  | 145.9  | 147.4  | 148.9  | 150.3  | 151.9  | 152.4  | 152.9  | 153.4  | 153.8  | 154.2  |
| 105°   | 190.4  | 190.8  | 191.5  | 192.2  | 193.0  | 193.7  | 194.2  | 194.8  | 195.3  | 195.8  | 196.4  |
| 107.5° | 238.5  | 238.6  | 238.8  | 238.9  | 239.0  | 239.1  | 239.6  | 240.1  | 240.6  | 241.1  | 241.3  |
| 110°   | 271.7  | 271.7  | 271.5  | 271.3  | 271.2  | 271.0  | 270.6  | 270.3  | 269.9  | 269.5  | 269.6  |



TEST NUMBER: P332698-930

CATALOG NUMBER: SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 304.4  | 304.2  | 303.9  | 303.5  | 303.2  | 302.9  | 302.8  | 302.7  | 302.6  | 302.6  | 302.6  |
| 115°   | 354.8  | 354.7  | 354.2  | 353.9  | 353.5  | 353.2  | 353.0  | 352.8  | 352.6  | 352.5  | 352.3  |
| 117.5° | 403.2  | 403.2  | 402.9  | 402.7  | 402.4  | 402.2  | 401.5  | 401.0  | 400.3  | 399.7  | 399.3  |
| 120°   | 437.5  | 437.6  | 437.0  | 436.4  | 435.9  | 435.4  | 434.5  | 433.6  | 432.7  | 431.8  | 431.5  |
| 122.5° | 468.9  | 469.0  | 468.7  | 468.4  | 468.1  | 467.9  | 467.3  | 466.7  | 466.1  | 465.5  | 464.8  |
| 125°   | 516.7  | 516.7  | 516.5  | 516.3  | 516.1  | 515.9  | 515.6  | 515.2  | 514.9  | 514.5  | 514.1  |
| 127.5° | 563.4  | 563.5  | 563.2  | 562.9  | 562.6  | 562.3  | 562.0  | 561.6  | 561.3  | 560.8  | 560.5  |
| 130°   | 594.6  | 594.8  | 594.8  | 594.8  | 594.8  | 594.8  | 594.5  | 594.2  | 593.8  | 593.5  | 592.9  |
| 132.5° | 625.9  | 626.1  | 625.9  | 625.7  | 625.6  | 625.5  | 625.1  | 624.8  | 624.4  | 624.0  | 623.7  |
| 135°   | 670.8  | 671.4  | 671.4  | 671.4  | 671.4  | 671.4  | 671.0  | 670.7  | 670.3  | 669.9  | 669.4  |
| 137.5° | 714.4  | 714.8  | 715.1  | 715.4  | 715.7  | 716.0  | 715.5  | 715.0  | 714.5  | 714.1  | 713.9  |
| 140°   | 744.4  | 744.6  | 744.6  | 744.6  | 744.6  | 744.6  | 744.4  | 744.3  | 744.0  | 743.9  | 743.7  |
| 142.5° | 772.4  | 772.5  | 772.4  | 772.3  | 772.1  | 771.9  | 771.9  | 771.8  | 771.8  | 771.8  | 771.8  |
| 145°   | 812.6  | 813.0  | 813.3  | 813.4  | 813.6  | 813.8  | 813.6  | 813.4  | 813.3  | 813.0  | 812.7  |
| 147.5° | 851.6  | 852.0  | 851.8  | 851.7  | 851.5  | 851.4  | 851.3  | 851.1  | 850.9  | 850.8  | 850.6  |
| 150°   | 874.5  | 874.8  | 874.8  | 874.8  | 874.8  | 874.8  | 874.8  | 874.8  | 874.8  | 874.8  | 874.7  |
| 152.5° | 895.4  | 895.7  | 895.9  | 896.0  | 896.2  | 896.3  | 896.7  | 897.2  | 897.6  | 898.1  | 898.1  |
| 155°   | 927.7  | 927.6  | 927.4  | 927.2  | 927.1  | 926.9  | 927.6  | 928.4  | 929.0  | 929.8  | 929.8  |
| 157.5° | 955.0  | 954.9  | 954.8  | 954.8  | 954.8  | 954.7  | 955.3  | 955.8  | 956.3  | 956.9  | 956.8  |
| 160°   | 972.6  | 972.4  | 972.2  | 972.0  | 971.8  | 971.7  | 972.2  | 972.7  | 973.3  | 973.8  | 973.6  |
| 162.5° | 987.0  | 986.7  | 986.5  | 986.3  | 986.2  | 985.9  | 986.9  | 987.9  | 988.9  | 989.9  | 989.9  |
| 165°   | 1007.7 | 1007.3 | 1006.9 | 1006.6 | 1006.2 | 1005.8 | 1006.9 | 1008.0 | 1009.1 | 1010.2 | 1010.3 |
| 167.5° | 1023.0 | 1022.6 | 1022.6 | 1022.7 | 1022.7 | 1022.8 | 1023.9 | 1024.9 | 1026.1 | 1027.1 | 1027.1 |
| 170°   | 1031.5 | 1031.1 | 1031.4 | 1031.5 | 1031.7 | 1031.8 | 1033.0 | 1034.0 | 1035.1 | 1036.2 | 1036.1 |
| 172.5° | 1038.6 | 1038.2 | 1038.3 | 1038.3 | 1038.4 | 1038.4 | 1039.6 | 1040.8 | 1042.0 | 1043.3 | 1043.3 |
| 175°   | 1047.0 | 1046.4 | 1046.3 | 1046.0 | 1045.9 | 1045.7 | 1047.0 | 1048.2 | 1049.5 | 1050.8 | 1050.8 |
| 177.5° | 1050.6 | 1050.3 | 1050.3 | 1050.3 | 1050.3 | 1050.3 | 1051.2 | 1052.3 | 1053.3 | 1054.3 | 1054.3 |
| 180°   | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 |



TEST NUMBER: P332698-930

CATALOG NUMBER: SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1497.5 | 1496.4 | 1492.7 | 1492.2 | 1492.7 | 1496.4 | 1497.5 | 1498.4 | 1500.1 | 1505.2 | 1499.0 |
| 5°     | 1383.2 | 1380.0 | 1378.0 | 1385.2 | 1378.0 | 1380.0 | 1383.2 | 1387.2 | 1393.7 | 1394.3 | 1400.8 |
| 7.5°   | 1297.2 | 1294.6 | 1288.9 | 1287.0 | 1288.9 | 1294.6 | 1297.2 | 1299.5 | 1306.0 | 1311.7 | 1321.3 |
| 10°    | 1242.0 | 1239.4 | 1234.2 | 1232.9 | 1234.2 | 1239.4 | 1242.0 | 1248.5 | 1255.0 | 1262.2 | 1268.7 |
| 12.5°  | 1188.9 | 1183.7 | 1182.7 | 1184.0 | 1182.7 | 1183.7 | 1188.9 | 1197.5 | 1214.4 | 1214.3 | 1215.6 |
| 15°    | 1118.3 | 1115.7 | 1108.6 | 1110.5 | 1108.6 | 1115.7 | 1118.3 | 1126.8 | 1134.6 | 1144.4 | 1154.1 |
| 17.5°  | 1048.8 | 1045.7 | 1037.0 | 1044.6 | 1037.0 | 1045.7 | 1048.8 | 1053.4 | 1063.4 | 1077.2 | 1091.9 |
| 20°    | 1005.0 | 999.9  | 995.3  | 994.7  | 995.3  | 999.9  | 1005.0 | 1009.6 | 1020.7 | 1032.4 | 1043.5 |
| 22.5°  | 963.4  | 958.7  | 958.3  | 954.1  | 958.3  | 958.7  | 963.4  | 970.5  | 981.6  | 988.1  | 998.7  |
| 25°    | 911.3  | 906.8  | 905.5  | 902.2  | 905.5  | 906.8  | 911.3  | 916.6  | 923.7  | 928.9  | 940.6  |
| 27.5°  | 871.4  | 869.1  | 866.8  | 867.8  | 866.8  | 869.1  | 871.4  | 872.0  | 875.2  | 882.2  | 888.9  |
| 30°    | 846.9  | 846.2  | 844.9  | 844.9  | 844.9  | 846.2  | 846.9  | 844.9  | 848.2  | 851.4  | 856.6  |
| 32.5°  | 826.6  | 826.5  | 827.2  | 827.2  | 827.2  | 826.5  | 826.6  | 823.6  | 824.8  | 825.9  | 828.5  |
| 35°    | 798.1  | 800.0  | 801.3  | 799.3  | 801.3  | 800.0  | 798.1  | 795.5  | 793.5  | 789.0  | 790.3  |
| 37.5°  | 772.3  | 774.2  | 776.1  | 778.3  | 776.1  | 774.2  | 772.3  | 767.0  | 762.2  | 758.2  | 753.5  |
| 40°    | 752.5  | 757.1  | 758.3  | 761.6  | 758.3  | 757.1  | 752.5  | 746.7  | 741.4  | 736.9  | 731.6  |
| 42.5°  | 733.8  | 738.8  | 742.2  | 742.8  | 742.2  | 738.8  | 733.8  | 727.9  | 720.1  | 714.4  | 707.2  |
| 45°    | 705.0  | 710.2  | 714.8  | 714.8  | 714.8  | 710.2  | 705.0  | 695.2  | 686.7  | 678.2  | 671.2  |
| 47.5°  | 675.1  | 682.7  | 687.3  | 688.4  | 687.3  | 682.7  | 675.1  | 665.1  | 653.3  | 642.9  | 632.6  |
| 50°    | 654.8  | 664.0  | 668.5  | 671.8  | 668.5  | 664.0  | 654.8  | 643.8  | 631.4  | 618.4  | 606.0  |
| 52.5°  | 635.0  | 644.2  | 650.3  | 652.0  | 650.3  | 644.2  | 635.0  | 621.4  | 606.4  | 592.4  | 581.6  |
| 55°    | 600.8  | 613.8  | 621.0  | 623.6  | 621.0  | 613.8  | 600.8  | 585.9  | 571.5  | 553.9  | 538.3  |
| 57.5°  | 568.5  | 580.5  | 588.8  | 590.8  | 588.8  | 580.5  | 568.5  | 551.0  | 532.5  | 513.7  | 497.1  |
| 60°    | 543.6  | 556.5  | 567.0  | 568.9  | 567.0  | 556.5  | 543.6  | 525.9  | 506.5  | 488.2  | 467.4  |
| 62.5°  | 518.0  | 531.6  | 541.0  | 546.0  | 541.0  | 531.6  | 518.0  | 499.4  | 478.3  | 458.0  | 437.2  |
| 65°    | 473.9  | 487.5  | 496.7  | 498.6  | 496.7  | 487.5  | 473.9  | 455.7  | 433.5  | 412.1  | 394.4  |
| 67.5°  | 425.7  | 439.4  | 445.4  | 449.1  | 445.4  | 439.4  | 425.7  | 408.5  | 386.7  | 364.4  | 344.5  |
| 70°    | 391.8  | 402.9  | 409.4  | 412.7  | 409.4  | 402.9  | 391.8  | 373.7  | 355.4  | 332.6  | 311.1  |
| 72.5°  | 353.4  | 364.9  | 372.5  | 373.1  | 372.5  | 364.9  | 353.4  | 337.7  | 318.5  | 297.3  | 278.3  |
| 75°    | 294.2  | 304.7  | 308.5  | 308.5  | 308.5  | 304.7  | 294.2  | 279.2  | 263.7  | 246.7  | 227.8  |
| 77.5°  | 232.9  | 238.2  | 243.2  | 244.3  | 243.2  | 238.2  | 232.9  | 222.1  | 209.2  | 192.3  | 178.1  |
| 80°    | 193.3  | 196.6  | 200.5  | 200.5  | 200.5  | 196.6  | 193.3  | 183.6  | 171.2  | 156.9  | 145.8  |
| 82.5°  | 152.7  | 155.5  | 159.4  | 158.8  | 159.4  | 155.5  | 152.7  | 145.0  | 134.8  | 125.1  | 115.1  |
| 85°    | 92.5   | 98.3   | 97.7   | 96.4   | 97.7   | 98.3   | 92.5   | 93.8   | 84.0   | 77.5   | 68.3   |
| 87.5°  | 46.3   | 46.9   | 48.6   | 49.7   | 48.6   | 46.9   | 46.3   | 44.7   | 39.9   | 37.0   | 34.7   |
| 90°    | 23.3   | 23.7   | 24.1   | 24.4   | 24.1   | 23.7   | 23.3   | 23.0   | 22.3   | 21.2   | 20.1   |
| 92.5°  | 35.5   | 35.7   | 36.0   | 36.1   | 36.0   | 35.7   | 35.5   | 35.3   | 34.8   | 34.2   | 33.5   |
| 95°    | 64.3   | 64.3   | 64.3   | 64.3   | 64.3   | 64.3   | 64.3   | 64.3   | 64.0   | 63.5   | 62.9   |
| 97.5°  | 100.8  | 100.8  | 100.8  | 100.8  | 100.8  | 100.8  | 100.8  | 100.8  | 100.4  | 99.8   | 99.1   |
| 100°   | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  | 126.0  | 125.6  | 125.2  |
| 102.5° | 154.3  | 154.5  | 154.7  | 154.7  | 154.7  | 154.5  | 154.3  | 154.2  | 153.8  | 153.4  | 152.9  |
| 105°   | 196.9  | 197.5  | 198.0  | 198.5  | 198.0  | 197.5  | 196.9  | 196.4  | 195.8  | 195.3  | 194.8  |
| 107.5° | 241.3  | 241.2  | 241.2  | 241.2  | 241.2  | 241.2  | 241.3  | 241.3  | 241.1  | 240.6  | 240.1  |
| 110°   | 270.2  | 270.7  | 271.3  | 271.8  | 271.3  | 270.7  | 270.2  | 269.6  | 269.5  | 269.9  | 270.3  |



TEST NUMBER: P332698-930

CATALOG NUMBER: SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 302.7  | 302.8  | 303.0  | 303.0  | 303.0  | 302.8  | 302.7  | 302.6  | 302.6  | 302.6  | 302.7  |
| 115°   | 352.1  | 351.9  | 351.7  | 351.6  | 351.7  | 351.9  | 352.1  | 352.3  | 352.5  | 352.6  | 352.8  |
| 117.5° | 398.8  | 398.5  | 398.1  | 397.8  | 398.1  | 398.5  | 398.8  | 399.3  | 399.7  | 400.3  | 401.0  |
| 120°   | 431.9  | 432.2  | 432.6  | 432.9  | 432.6  | 432.2  | 431.9  | 431.5  | 431.8  | 432.7  | 433.6  |
| 122.5° | 464.1  | 463.5  | 462.8  | 462.2  | 462.8  | 463.5  | 464.1  | 464.8  | 465.5  | 466.1  | 466.7  |
| 125°   | 513.8  | 513.4  | 513.1  | 512.7  | 513.1  | 513.4  | 513.8  | 514.1  | 514.5  | 514.9  | 515.2  |
| 127.5° | 560.3  | 559.9  | 559.7  | 559.4  | 559.7  | 559.9  | 560.3  | 560.5  | 560.8  | 561.3  | 561.6  |
| 130°   | 592.2  | 591.4  | 590.7  | 590.0  | 590.7  | 591.4  | 592.2  | 592.9  | 593.5  | 593.8  | 594.2  |
| 132.5° | 623.4  | 623.1  | 622.8  | 622.6  | 622.8  | 623.1  | 623.4  | 623.7  | 624.0  | 624.4  | 624.8  |
| 135°   | 669.0  | 668.4  | 667.8  | 667.3  | 667.8  | 668.4  | 669.0  | 669.4  | 669.9  | 670.3  | 670.7  |
| 137.5° | 714.0  | 714.1  | 714.2  | 714.4  | 714.2  | 714.1  | 714.0  | 713.9  | 714.1  | 714.5  | 715.0  |
| 140°   | 743.6  | 743.3  | 743.1  | 743.0  | 743.1  | 743.3  | 743.6  | 743.7  | 743.9  | 744.0  | 744.3  |
| 142.5° | 771.8  | 771.7  | 771.7  | 771.6  | 771.7  | 771.7  | 771.8  | 771.8  | 771.8  | 771.8  | 771.8  |
| 145°   | 812.1  | 811.6  | 811.1  | 810.5  | 811.1  | 811.6  | 812.1  | 812.7  | 813.0  | 813.3  | 813.4  |
| 147.5° | 850.4  | 850.3  | 850.1  | 849.9  | 850.1  | 850.3  | 850.4  | 850.6  | 850.8  | 850.9  | 851.1  |
| 150°   | 874.6  | 874.3  | 874.2  | 874.0  | 874.2  | 874.3  | 874.6  | 874.7  | 874.8  | 874.8  | 874.8  |
| 152.5° | 897.6  | 897.1  | 896.6  | 896.1  | 896.6  | 897.1  | 897.6  | 898.1  | 898.1  | 897.6  | 897.2  |
| 155°   | 929.0  | 928.4  | 927.6  | 926.9  | 927.6  | 928.4  | 929.0  | 929.8  | 929.8  | 929.0  | 928.4  |
| 157.5° | 956.3  | 955.6  | 955.0  | 954.4  | 955.0  | 955.6  | 956.3  | 956.8  | 956.9  | 956.3  | 955.8  |
| 160°   | 972.7  | 971.8  | 970.9  | 970.0  | 970.9  | 971.8  | 972.7  | 973.6  | 973.8  | 973.3  | 972.7  |
| 162.5° | 989.0  | 988.1  | 987.2  | 986.3  | 987.2  | 988.1  | 989.0  | 989.9  | 989.9  | 988.9  | 987.9  |
| 165°   | 1009.7 | 1008.9 | 1008.2 | 1007.5 | 1008.2 | 1008.9 | 1009.7 | 1010.3 | 1010.2 | 1009.1 | 1008.0 |
| 167.5° | 1026.0 | 1024.8 | 1023.7 | 1022.6 | 1023.7 | 1024.8 | 1026.0 | 1027.1 | 1027.1 | 1026.1 | 1024.9 |
| 170°   | 1034.9 | 1033.6 | 1032.3 | 1031.0 | 1032.3 | 1033.6 | 1034.9 | 1036.1 | 1036.2 | 1035.1 | 1034.0 |
| 172.5° | 1042.0 | 1040.7 | 1039.5 | 1038.2 | 1039.5 | 1040.7 | 1042.0 | 1043.3 | 1043.3 | 1042.0 | 1040.8 |
| 175°   | 1049.5 | 1048.2 | 1047.0 | 1045.7 | 1047.0 | 1048.2 | 1049.5 | 1050.8 | 1050.8 | 1049.5 | 1048.2 |
| 177.5° | 1053.1 | 1051.9 | 1050.8 | 1049.6 | 1050.8 | 1051.9 | 1053.1 | 1054.3 | 1054.3 | 1053.3 | 1052.3 |
| 180°   | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 |



TEST NUMBER: P332698-930

CATALOG NUMBER: SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1502.1 | 1504.2 | 1512.5 | 1520.4 | 1529.7 | 1536.5 | 1541.2 | 1546.4 | 1557.3 | 1566.2 | 1574.5 |
| 5°     | 1407.4 | 1410.6 | 1427.5 | 1439.2 | 1459.4 | 1477.0 | 1490.7 | 1505.6 | 1523.2 | 1547.3 | 1569.5 |
| 7.5°   | 1323.9 | 1336.0 | 1354.5 | 1373.5 | 1394.1 | 1417.1 | 1437.1 | 1459.7 | 1490.0 | 1523.1 | 1557.2 |
| 10°    | 1276.5 | 1290.2 | 1309.7 | 1331.9 | 1351.4 | 1378.0 | 1402.8 | 1429.5 | 1464.0 | 1504.3 | 1544.7 |
| 12.5°  | 1229.1 | 1251.6 | 1266.5 | 1292.7 | 1313.9 | 1335.9 | 1362.2 | 1397.2 | 1437.5 | 1479.8 | 1528.5 |
| 15°    | 1169.7 | 1182.1 | 1210.7 | 1225.1 | 1255.0 | 1288.9 | 1314.9 | 1350.1 | 1389.1 | 1445.1 | 1499.7 |
| 17.5°  | 1101.3 | 1117.5 | 1140.4 | 1167.7 | 1202.0 | 1228.5 | 1260.9 | 1297.1 | 1346.3 | 1401.9 | 1470.4 |
| 20°    | 1056.5 | 1070.2 | 1098.1 | 1128.0 | 1164.6 | 1192.5 | 1227.0 | 1262.2 | 1313.0 | 1372.2 | 1443.8 |
| 22.5°  | 1016.4 | 1029.6 | 1059.1 | 1087.0 | 1122.3 | 1156.6 | 1192.6 | 1233.5 | 1282.2 | 1344.6 | 1417.7 |
| 25°    | 954.3  | 971.8  | 997.9  | 1026.5 | 1060.4 | 1099.4 | 1138.5 | 1174.9 | 1227.0 | 1292.7 | 1370.9 |
| 27.5°  | 899.2  | 913.3  | 932.1  | 964.7  | 1003.1 | 1040.9 | 1079.6 | 1125.5 | 1175.5 | 1245.0 | 1326.1 |
| 30°    | 863.8  | 876.9  | 895.7  | 925.6  | 961.5  | 1001.8 | 1042.2 | 1086.4 | 1138.5 | 1207.5 | 1290.2 |
| 32.5°  | 835.7  | 845.5  | 862.3  | 889.2  | 921.9  | 964.3  | 1004.1 | 1049.9 | 1104.6 | 1172.6 | 1253.2 |
| 35°    | 794.2  | 802.6  | 809.1  | 834.5  | 863.8  | 902.9  | 943.2  | 992.1  | 1044.8 | 1109.2 | 1189.9 |
| 37.5°  | 753.4  | 756.3  | 765.8  | 782.4  | 810.8  | 846.8  | 884.3  | 932.3  | 986.3  | 1051.8 | 1124.5 |
| 40°    | 728.4  | 729.7  | 735.6  | 751.2  | 775.9  | 809.8  | 846.2  | 893.7  | 945.2  | 1007.0 | 1079.3 |
| 42.5°  | 703.9  | 703.1  | 708.5  | 719.4  | 742.6  | 773.3  | 809.3  | 852.6  | 904.0  | 961.2  | 1029.2 |
| 45°    | 665.3  | 665.3  | 664.0  | 673.1  | 691.9  | 721.9  | 751.9  | 793.5  | 836.5  | 892.4  | 949.7  |
| 47.5°  | 624.9  | 621.3  | 622.4  | 627.1  | 643.0  | 667.6  | 697.8  | 731.9  | 769.8  | 817.2  | 867.5  |
| 50°    | 598.8  | 593.7  | 591.7  | 596.9  | 611.2  | 632.8  | 661.4  | 691.3  | 727.1  | 768.7  | 811.7  |
| 52.5°  | 570.2  | 565.0  | 561.5  | 565.2  | 578.5  | 598.3  | 624.4  | 650.7  | 682.8  | 716.7  | 753.9  |
| 55°    | 525.9  | 520.1  | 518.1  | 519.4  | 529.2  | 544.9  | 567.0  | 591.1  | 615.1  | 643.1  | 669.2  |
| 57.5°  | 482.3  | 472.7  | 470.9  | 470.3  | 477.0  | 491.3  | 509.8  | 530.7  | 548.2  | 565.2  | 592.9  |
| 60°    | 453.7  | 442.0  | 438.1  | 437.4  | 442.6  | 454.4  | 471.2  | 492.1  | 504.5  | 516.2  | 540.3  |
| 62.5°  | 423.0  | 411.8  | 403.2  | 404.1  | 408.8  | 420.0  | 434.8  | 450.0  | 458.1  | 470.9  | 487.1  |
| 65°    | 375.6  | 361.3  | 354.7  | 352.8  | 355.4  | 364.5  | 376.3  | 386.0  | 395.1  | 400.3  | 416.0  |
| 67.5°  | 328.2  | 316.3  | 306.6  | 304.3  | 303.0  | 309.3  | 318.9  | 324.8  | 331.3  | 335.9  | 345.1  |
| 70°    | 294.9  | 284.5  | 272.7  | 268.8  | 268.2  | 273.4  | 282.5  | 283.2  | 292.3  | 294.2  | 304.0  |
| 72.5°  | 262.0  | 249.1  | 241.0  | 237.1  | 234.3  | 239.0  | 245.0  | 246.7  | 251.7  | 255.2  | 260.2  |
| 75°    | 210.9  | 201.1  | 193.3  | 187.4  | 185.5  | 188.1  | 188.1  | 191.4  | 194.6  | 196.6  | 202.4  |
| 77.5°  | 166.0  | 154.8  | 145.5  | 142.2  | 139.8  | 138.1  | 139.6  | 141.5  | 140.0  | 143.3  | 144.6  |
| 80°    | 134.8  | 123.0  | 115.9  | 114.5  | 110.6  | 107.4  | 106.7  | 108.7  | 106.1  | 107.4  | 111.3  |
| 82.5°  | 104.0  | 96.4   | 88.8   | 87.5   | 82.5   | 80.9   | 80.2   | 79.0   | 79.0   | 78.8   | 79.6   |
| 85°    | 61.8   | 57.3   | 52.1   | 48.8   | 46.9   | 43.6   | 43.6   | 42.3   | 41.0   | 39.7   | 40.4   |
| 87.5°  | 28.8   | 27.6   | 24.6   | 22.8   | 21.4   | 19.1   | 18.8   | 16.8   | 15.9   | 14.9   | 14.0   |
| 90°    | 19.0   | 17.9   | 16.5   | 15.0   | 13.5   | 12.1   | 10.4   | 8.4    | 6.4    | 4.4    | 2.4    |
| 92.5°  | 32.9   | 32.2   | 31.2   | 30.2   | 29.2   | 28.2   | 26.5   | 24.2   | 21.9   | 19.7   | 17.4   |
| 95°    | 62.4   | 61.9   | 60.6   | 59.4   | 58.0   | 56.7   | 55.4   | 53.7   | 52.1   | 50.5   | 48.8   |
| 97.5°  | 98.5   | 97.8   | 96.4   | 94.8   | 93.4   | 91.9   | 90.5   | 89.2   | 87.9   | 86.6   | 85.3   |
| 100°   | 124.9  | 124.5  | 122.9  | 121.2  | 119.6  | 118.0  | 116.8  | 116.1  | 115.4  | 114.6  | 113.9  |
| 102.5° | 152.4  | 151.9  | 150.3  | 148.9  | 147.4  | 145.9  | 145.0  | 144.7  | 144.5  | 144.1  | 143.9  |
| 105°   | 194.2  | 193.7  | 193.0  | 192.2  | 191.5  | 190.8  | 190.4  | 190.1  | 190.0  | 189.8  | 189.6  |
| 107.5° | 239.6  | 239.1  | 239.0  | 238.9  | 238.8  | 238.6  | 238.5  | 238.3  | 238.1  | 237.8  | 237.7  |
| 110°   | 270.6  | 271.0  | 271.2  | 271.3  | 271.5  | 271.7  | 271.7  | 271.3  | 270.9  | 270.5  | 270.2  |



TEST NUMBER: P332698-930

CATALOG NUMBER: SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 302.8  | 302.9  | 303.2  | 303.5  | 303.9  | 304.2  | 304.4  | 304.3  | 304.2  | 304.1  | 304.0  |
| 115°   | 353.0  | 353.2  | 353.5  | 353.9  | 354.2  | 354.7  | 354.8  | 354.8  | 354.8  | 354.8  | 354.8  |
| 117.5° | 401.5  | 402.2  | 402.4  | 402.7  | 402.9  | 403.2  | 403.2  | 403.1  | 402.9  | 402.8  | 402.7  |
| 120°   | 434.5  | 435.4  | 435.9  | 436.4  | 437.0  | 437.6  | 437.5  | 436.8  | 436.0  | 435.3  | 434.6  |
| 122.5° | 467.3  | 467.9  | 468.1  | 468.4  | 468.7  | 469.0  | 468.9  | 468.6  | 468.3  | 468.1  | 467.7  |
| 125°   | 515.6  | 515.9  | 516.1  | 516.3  | 516.5  | 516.7  | 516.7  | 516.7  | 516.7  | 516.7  | 516.7  |
| 127.5° | 562.0  | 562.3  | 562.6  | 562.9  | 563.2  | 563.5  | 563.4  | 562.8  | 562.2  | 561.7  | 561.2  |
| 130°   | 594.5  | 594.8  | 594.8  | 594.8  | 594.8  | 594.8  | 594.6  | 594.0  | 593.5  | 593.0  | 592.4  |
| 132.5° | 625.1  | 625.5  | 625.6  | 625.7  | 625.9  | 626.1  | 625.9  | 625.5  | 625.1  | 624.8  | 624.4  |
| 135°   | 671.0  | 671.4  | 671.4  | 671.4  | 671.4  | 671.4  | 670.8  | 669.8  | 668.6  | 667.6  | 666.5  |
| 137.5° | 715.5  | 716.0  | 715.7  | 715.4  | 715.1  | 714.8  | 714.4  | 713.9  | 713.4  | 712.9  | 712.4  |
| 140°   | 744.4  | 744.6  | 744.6  | 744.6  | 744.6  | 744.6  | 744.4  | 744.0  | 743.7  | 743.3  | 743.0  |
| 142.5° | 771.9  | 771.9  | 772.1  | 772.3  | 772.4  | 772.5  | 772.4  | 772.1  | 771.7  | 771.4  | 770.9  |
| 145°   | 813.6  | 813.8  | 813.6  | 813.4  | 813.3  | 813.0  | 812.6  | 811.9  | 811.1  | 810.4  | 809.7  |
| 147.5° | 851.3  | 851.4  | 851.5  | 851.7  | 851.8  | 852.0  | 851.6  | 850.8  | 849.9  | 849.0  | 848.2  |
| 150°   | 874.8  | 874.8  | 874.8  | 874.8  | 874.8  | 874.8  | 874.5  | 873.8  | 873.0  | 872.3  | 871.6  |
| 152.5° | 896.7  | 896.3  | 896.2  | 896.0  | 895.9  | 895.7  | 895.4  | 895.0  | 894.5  | 894.1  | 893.7  |
| 155°   | 927.6  | 926.9  | 927.1  | 927.2  | 927.4  | 927.6  | 927.7  | 927.7  | 927.7  | 927.7  | 927.7  |
| 157.5° | 955.3  | 954.7  | 954.8  | 954.8  | 954.8  | 954.9  | 955.0  | 955.4  | 955.7  | 956.0  | 956.3  |
| 160°   | 972.2  | 971.7  | 971.8  | 972.0  | 972.2  | 972.4  | 972.6  | 972.7  | 972.9  | 973.1  | 973.3  |
| 162.5° | 986.9  | 985.9  | 986.2  | 986.3  | 986.5  | 986.7  | 987.0  | 987.5  | 988.0  | 988.5  | 988.9  |
| 165°   | 1006.9 | 1005.8 | 1006.2 | 1006.6 | 1006.9 | 1007.3 | 1007.7 | 1008.3 | 1008.9 | 1009.3 | 1009.9 |
| 167.5° | 1023.9 | 1022.8 | 1022.7 | 1022.7 | 1022.6 | 1022.6 | 1023.0 | 1023.8 | 1024.5 | 1025.2 | 1026.1 |
| 170°   | 1033.0 | 1031.8 | 1031.7 | 1031.5 | 1031.4 | 1031.1 | 1031.5 | 1032.4 | 1033.3 | 1034.2 | 1035.1 |
| 172.5° | 1039.6 | 1038.4 | 1038.4 | 1038.3 | 1038.3 | 1038.2 | 1038.6 | 1039.3 | 1040.2 | 1040.9 | 1041.6 |
| 175°   | 1047.0 | 1045.7 | 1045.9 | 1046.0 | 1046.3 | 1046.4 | 1047.0 | 1047.9 | 1048.8 | 1049.7 | 1050.6 |
| 177.5° | 1051.2 | 1050.3 | 1050.3 | 1050.3 | 1050.3 | 1050.3 | 1050.6 | 1051.3 | 1052.1 | 1052.8 | 1053.5 |
| 180°   | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 |



TEST NUMBER: P332698-930

CATALOG NUMBER: SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1581.8 | 1587.0 | 1593.7 | 1605.2 | 1609.4 | 1614.6 | 1621.9 | 1621.4 | 1623.4 | 1631.3 | 1648.0 |
| 5°     | 1587.6 | 1607.9 | 1627.3 | 1650.8 | 1675.5 | 1691.8 | 1713.9 | 1727.6 | 1741.3 | 1758.8 | 1788.8 |
| 7.5°   | 1590.0 | 1622.0 | 1657.8 | 1699.0 | 1735.5 | 1777.8 | 1810.7 | 1841.7 | 1869.6 | 1906.7 | 1942.5 |
| 10°    | 1586.3 | 1629.3 | 1675.5 | 1727.6 | 1782.9 | 1829.8 | 1872.1 | 1920.3 | 1961.3 | 2006.2 | 2046.6 |
| 12.5°  | 1579.6 | 1631.4 | 1693.2 | 1751.6 | 1816.2 | 1885.5 | 1938.3 | 1987.0 | 2041.5 | 2093.2 | 2155.4 |
| 15°    | 1564.2 | 1635.2 | 1707.4 | 1784.2 | 1870.8 | 1950.8 | 2027.1 | 2090.2 | 2148.8 | 2226.3 | 2307.6 |
| 17.5°  | 1544.7 | 1621.2 | 1712.4 | 1805.3 | 1895.8 | 1987.4 | 2081.6 | 2176.5 | 2250.5 | 2346.7 | 2410.4 |
| 20°    | 1526.5 | 1615.0 | 1708.7 | 1819.4 | 1909.8 | 2023.8 | 2117.5 | 2209.3 | 2310.9 | 2406.5 | 2482.7 |
| 22.5°  | 1501.0 | 1597.8 | 1697.3 | 1807.4 | 1926.6 | 2040.4 | 2148.8 | 2248.4 | 2349.9 | 2454.0 | 2546.3 |
| 25°    | 1468.5 | 1556.4 | 1674.2 | 1799.2 | 1917.7 | 2041.3 | 2165.7 | 2290.7 | 2400.0 | 2510.1 | 2596.0 |
| 27.5°  | 1413.3 | 1524.3 | 1634.0 | 1763.0 | 1894.7 | 2034.6 | 2167.6 | 2298.3 | 2413.0 | 2503.4 | 2556.6 |
| 30°    | 1385.2 | 1481.6 | 1600.7 | 1730.2 | 1872.7 | 2023.2 | 2161.8 | 2290.0 | 2396.8 | 2469.1 | 2490.5 |
| 32.5°  | 1343.5 | 1443.0 | 1559.5 | 1693.8 | 1844.6 | 1999.2 | 2143.6 | 2264.5 | 2353.5 | 2391.4 | 2365.5 |
| 35°    | 1281.7 | 1371.6 | 1489.4 | 1626.7 | 1783.5 | 1948.2 | 2090.8 | 2193.0 | 2238.6 | 2202.8 | 2113.6 |
| 37.5°  | 1207.5 | 1296.6 | 1414.9 | 1549.8 | 1712.1 | 1879.5 | 2008.4 | 2081.9 | 2066.9 | 1977.8 | 1844.9 |
| 40°    | 1155.4 | 1238.8 | 1351.4 | 1497.1 | 1655.4 | 1823.3 | 1936.6 | 1976.3 | 1934.6 | 1807.0 | 1665.7 |
| 42.5°  | 1097.6 | 1178.8 | 1292.0 | 1432.6 | 1600.2 | 1755.1 | 1853.7 | 1857.0 | 1787.2 | 1634.7 | 1492.9 |
| 45°    | 1009.6 | 1087.0 | 1193.8 | 1340.3 | 1495.3 | 1641.0 | 1706.1 | 1674.2 | 1545.3 | 1398.2 | 1255.6 |
| 47.5°  | 922.8  | 989.9  | 1095.1 | 1234.2 | 1381.3 | 1504.1 | 1536.4 | 1479.0 | 1341.6 | 1198.8 | 1066.7 |
| 50°    | 859.2  | 926.9  | 1025.9 | 1158.7 | 1300.6 | 1406.7 | 1422.3 | 1346.1 | 1211.4 | 1067.6 | 964.0  |
| 52.5°  | 798.3  | 865.5  | 960.8  | 1083.7 | 1213.7 | 1309.3 | 1309.9 | 1221.7 | 1087.4 | 959.2  | 863.0  |
| 55°    | 708.9  | 769.4  | 855.3  | 965.3  | 1081.2 | 1156.1 | 1137.8 | 1046.7 | 930.2  | 818.9  | 734.9  |
| 57.5°  | 622.7  | 675.4  | 754.6  | 846.4  | 948.4  | 1010.2 | 979.9  | 892.2  | 788.1  | 693.7  | 630.1  |
| 60°    | 567.0  | 617.1  | 684.8  | 771.4  | 857.3  | 905.5  | 876.9  | 797.4  | 701.7  | 625.6  | 570.2  |
| 62.5°  | 512.8  | 555.1  | 620.2  | 695.4  | 775.0  | 810.7  | 785.1  | 706.8  | 624.1  | 555.2  | 510.4  |
| 65°    | 436.1  | 470.7  | 522.7  | 587.2  | 645.1  | 675.7  | 654.2  | 581.3  | 518.1  | 468.7  | 432.8  |
| 67.5°  | 364.5  | 391.5  | 430.9  | 482.6  | 531.8  | 548.4  | 528.8  | 478.1  | 424.5  | 385.0  | 359.7  |
| 70°    | 315.0  | 340.5  | 373.7  | 413.4  | 456.3  | 473.9  | 454.4  | 414.0  | 370.4  | 333.9  | 309.2  |
| 72.5°  | 271.8  | 291.5  | 319.5  | 353.4  | 387.0  | 404.6  | 391.3  | 352.5  | 315.7  | 288.6  | 267.5  |
| 75°    | 207.0  | 224.0  | 243.4  | 267.5  | 293.6  | 305.3  | 293.6  | 266.8  | 241.5  | 221.4  | 206.4  |
| 77.5°  | 150.5  | 159.6  | 174.7  | 192.7  | 209.0  | 217.9  | 207.8  | 189.7  | 174.2  | 160.4  | 153.0  |
| 80°    | 114.5  | 121.1  | 131.5  | 145.8  | 156.9  | 165.3  | 158.8  | 143.8  | 131.5  | 122.4  | 119.1  |
| 82.5°  | 83.3   | 87.7   | 94.5   | 105.2  | 112.6  | 116.9  | 114.1  | 103.2  | 98.2   | 90.1   | 86.8   |
| 85°    | 41.0   | 43.6   | 48.2   | 51.4   | 58.0   | 58.6   | 59.3   | 54.7   | 50.1   | 48.2   | 45.6   |
| 87.5°  | 14.9   | 15.9   | 17.9   | 19.8   | 22.2   | 23.0   | 22.8   | 23.1   | 21.3   | 21.0   | 19.1   |
| 90°    | 4.4    | 6.4    | 8.4    | 10.4   | 12.1   | 13.5   | 15.0   | 16.5   | 17.9   | 19.0   | 20.1   |
| 92.5°  | 19.7   | 21.9   | 24.2   | 26.5   | 28.2   | 29.2   | 30.2   | 31.2   | 32.2   | 32.9   | 33.5   |
| 95°    | 50.5   | 52.1   | 53.7   | 55.4   | 56.7   | 58.0   | 59.4   | 60.6   | 61.9   | 62.4   | 62.9   |
| 97.5°  | 86.6   | 87.9   | 89.2   | 90.5   | 91.9   | 93.4   | 94.8   | 96.4   | 97.8   | 98.5   | 99.1   |
| 100°   | 114.6  | 115.4  | 116.1  | 116.8  | 118.0  | 119.6  | 121.2  | 122.9  | 124.5  | 124.9  | 125.2  |
| 102.5° | 144.1  | 144.5  | 144.7  | 145.0  | 145.9  | 147.4  | 148.9  | 150.3  | 151.9  | 152.4  | 152.9  |
| 105°   | 189.8  | 190.0  | 190.1  | 190.4  | 190.8  | 191.5  | 192.2  | 193.0  | 193.7  | 194.2  | 194.8  |
| 107.5° | 237.8  | 238.1  | 238.3  | 238.5  | 238.6  | 238.8  | 238.9  | 239.0  | 239.1  | 239.6  | 240.1  |
| 110°   | 270.5  | 270.9  | 271.3  | 271.7  | 271.7  | 271.5  | 271.3  | 271.2  | 271.0  | 270.6  | 270.3  |





TEST NUMBER: P332698-930

CATALOG NUMBER: SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 304.1  | 304.2  | 304.3  | 304.4  | 304.2  | 303.9  | 303.5  | 303.2  | 302.9  | 302.8  | 302.7  |
| 115°   | 354.8  | 354.8  | 354.8  | 354.8  | 354.7  | 354.2  | 353.9  | 353.5  | 353.2  | 353.0  | 352.8  |
| 117.5° | 402.8  | 402.9  | 403.1  | 403.2  | 403.2  | 402.9  | 402.7  | 402.4  | 402.2  | 401.5  | 401.0  |
| 120°   | 435.3  | 436.0  | 436.8  | 437.5  | 437.6  | 437.0  | 436.4  | 435.9  | 435.4  | 434.5  | 433.6  |
| 122.5° | 468.1  | 468.3  | 468.6  | 468.9  | 469.0  | 468.7  | 468.4  | 468.1  | 467.9  | 467.3  | 466.7  |
| 125°   | 516.7  | 516.7  | 516.7  | 516.7  | 516.7  | 516.5  | 516.3  | 516.1  | 515.9  | 515.6  | 515.2  |
| 127.5° | 561.7  | 562.2  | 562.8  | 563.4  | 563.5  | 563.2  | 562.9  | 562.6  | 562.3  | 562.0  | 561.6  |
| 130°   | 593.0  | 593.5  | 594.0  | 594.6  | 594.8  | 594.8  | 594.8  | 594.8  | 594.8  | 594.5  | 594.2  |
| 132.5° | 624.8  | 625.1  | 625.5  | 625.9  | 626.1  | 625.9  | 625.7  | 625.6  | 625.5  | 625.1  | 624.8  |
| 135°   | 667.6  | 668.6  | 669.8  | 670.8  | 671.4  | 671.4  | 671.4  | 671.4  | 671.4  | 671.0  | 670.7  |
| 137.5° | 712.9  | 713.4  | 713.9  | 714.4  | 714.8  | 715.1  | 715.4  | 715.7  | 716.0  | 715.5  | 715.0  |
| 140°   | 743.3  | 743.7  | 744.0  | 744.4  | 744.6  | 744.6  | 744.6  | 744.6  | 744.6  | 744.4  | 744.3  |
| 142.5° | 771.4  | 771.7  | 772.1  | 772.4  | 772.5  | 772.4  | 772.3  | 772.1  | 771.9  | 771.9  | 771.8  |
| 145°   | 810.4  | 811.1  | 811.9  | 812.6  | 813.0  | 813.3  | 813.4  | 813.6  | 813.8  | 813.6  | 813.4  |
| 147.5° | 849.0  | 849.9  | 850.8  | 851.6  | 852.0  | 851.8  | 851.7  | 851.5  | 851.4  | 851.3  | 851.1  |
| 150°   | 872.3  | 873.0  | 873.8  | 874.5  | 874.8  | 874.8  | 874.8  | 874.8  | 874.8  | 874.8  | 874.8  |
| 152.5° | 894.1  | 894.5  | 895.0  | 895.4  | 895.7  | 895.9  | 896.0  | 896.2  | 896.3  | 896.7  | 897.2  |
| 155°   | 927.7  | 927.7  | 927.7  | 927.7  | 927.6  | 927.4  | 927.2  | 927.1  | 926.9  | 927.6  | 928.4  |
| 157.5° | 956.0  | 955.7  | 955.4  | 955.0  | 954.9  | 954.8  | 954.8  | 954.8  | 954.7  | 955.3  | 955.8  |
| 160°   | 973.1  | 972.9  | 972.7  | 972.6  | 972.4  | 972.2  | 972.0  | 971.8  | 971.7  | 972.2  | 972.7  |
| 162.5° | 988.5  | 988.0  | 987.5  | 987.0  | 986.7  | 986.5  | 986.3  | 986.2  | 985.9  | 986.9  | 987.9  |
| 165°   | 1009.3 | 1008.9 | 1008.3 | 1007.7 | 1007.3 | 1006.9 | 1006.6 | 1006.2 | 1005.8 | 1006.9 | 1008.0 |
| 167.5° | 1025.2 | 1024.5 | 1023.8 | 1023.0 | 1022.6 | 1022.6 | 1022.7 | 1022.7 | 1022.8 | 1023.9 | 1024.9 |
| 170°   | 1034.2 | 1033.3 | 1032.4 | 1031.5 | 1031.1 | 1031.4 | 1031.5 | 1031.7 | 1031.8 | 1033.0 | 1034.0 |
| 172.5° | 1040.9 | 1040.2 | 1039.3 | 1038.6 | 1038.2 | 1038.3 | 1038.3 | 1038.4 | 1038.4 | 1039.6 | 1040.8 |
| 175°   | 1049.7 | 1048.8 | 1047.9 | 1047.0 | 1046.4 | 1046.3 | 1046.0 | 1045.9 | 1045.7 | 1047.0 | 1048.2 |
| 177.5° | 1052.8 | 1052.1 | 1051.3 | 1050.6 | 1050.3 | 1050.3 | 1050.3 | 1050.3 | 1050.3 | 1051.2 | 1052.3 |
| 180°   | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 |



TEST NUMBER: P332698-930

CATALOG NUMBER: SA4XXDIP-C1195D1035U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 | 1571.4 |
| 2.5°   | 1656.3 | 1657.3 | 1662.0 | 1665.7 | 1666.7 | 1671.9 | 1672.4 |
| 5°     | 1801.8 | 1812.9 | 1834.3 | 1836.3 | 1839.6 | 1856.5 | 1843.5 |
| 7.5°   | 1972.4 | 2000.5 | 2019.3 | 2035.8 | 2041.8 | 2049.2 | 2047.6 |
| 10°    | 2081.7 | 2123.4 | 2144.2 | 2177.4 | 2178.7 | 2187.2 | 2182.0 |
| 12.5°  | 2191.6 | 2240.0 | 2278.0 | 2284.1 | 2312.0 | 2316.3 | 2323.6 |
| 15°    | 2347.3 | 2398.7 | 2451.4 | 2470.4 | 2508.8 | 2517.9 | 2532.2 |
| 17.5°  | 2493.7 | 2546.3 | 2583.2 | 2632.0 | 2647.8 | 2668.9 | 2654.5 |
| 20°    | 2573.8 | 2631.1 | 2678.0 | 2716.4 | 2732.6 | 2744.4 | 2743.1 |
| 22.5°  | 2622.2 | 2680.1 | 2718.0 | 2747.2 | 2762.3 | 2767.3 | 2767.0 |
| 25°    | 2652.6 | 2685.8 | 2697.5 | 2708.6 | 2691.6 | 2685.8 | 2688.4 |
| 27.5°  | 2568.3 | 2559.6 | 2529.1 | 2488.9 | 2447.3 | 2414.2 | 2396.2 |
| 30°    | 2452.1 | 2401.3 | 2355.2 | 2274.4 | 2232.8 | 2208.0 | 2185.9 |
| 32.5°  | 2287.6 | 2207.1 | 2118.1 | 2044.2 | 1996.8 | 1960.1 | 1954.7 |
| 35°    | 2005.6 | 1884.5 | 1775.8 | 1685.3 | 1638.4 | 1598.7 | 1589.6 |
| 37.5°  | 1705.1 | 1579.3 | 1481.4 | 1401.7 | 1351.4 | 1323.4 | 1297.2 |
| 40°    | 1505.6 | 1397.6 | 1301.2 | 1233.5 | 1195.1 | 1174.9 | 1158.7 |
| 42.5°  | 1352.0 | 1253.4 | 1157.5 | 1106.0 | 1071.2 | 1058.8 | 1049.3 |
| 45°    | 1139.8 | 1048.0 | 981.6  | 942.6  | 922.3  | 901.6  | 891.8  |
| 47.5°  | 969.9  | 895.2  | 851.4  | 818.2  | 796.6  | 784.2  | 778.0  |
| 50°    | 873.6  | 812.4  | 773.3  | 748.0  | 728.4  | 718.6  | 713.5  |
| 52.5°  | 788.1  | 737.9  | 705.1  | 684.9  | 671.6  | 664.5  | 662.4  |
| 55°    | 678.9  | 640.5  | 619.7  | 602.1  | 592.4  | 585.9  | 583.3  |
| 57.5°  | 590.1  | 560.6  | 543.6  | 529.2  | 525.5  | 520.0  | 518.1  |
| 60°    | 531.8  | 509.1  | 494.7  | 484.9  | 481.7  | 475.2  | 476.5  |
| 62.5°  | 480.3  | 461.6  | 449.4  | 443.8  | 439.5  | 434.1  | 435.9  |
| 65°    | 406.2  | 392.5  | 386.0  | 380.8  | 375.6  | 372.3  | 375.0  |
| 67.5°  | 340.8  | 331.5  | 322.6  | 319.6  | 317.0  | 316.5  | 313.7  |
| 70°    | 298.2  | 290.3  | 282.5  | 280.5  | 280.5  | 277.9  | 277.3  |
| 72.5°  | 257.0  | 251.3  | 246.1  | 244.6  | 242.6  | 243.6  | 240.8  |
| 75°    | 198.5  | 194.0  | 192.0  | 190.0  | 189.4  | 189.4  | 187.4  |
| 77.5°  | 146.8  | 143.3  | 140.2  | 140.2  | 137.9  | 137.0  | 136.7  |
| 80°    | 111.3  | 110.0  | 107.4  | 107.4  | 106.1  | 106.7  | 105.4  |
| 82.5°  | 83.7   | 81.9   | 81.4   | 80.3   | 78.5   | 78.6   | 77.4   |
| 85°    | 44.9   | 43.0   | 42.3   | 40.4   | 39.1   | 40.4   | 39.1   |
| 87.5°  | 19.9   | 19.6   | 19.2   | 18.2   | 17.8   | 17.9   | 16.3   |
| 90°    | 21.2   | 22.3   | 23.0   | 23.3   | 23.7   | 24.1   | 24.4   |
| 92.5°  | 34.2   | 34.8   | 35.3   | 35.5   | 35.7   | 36.0   | 36.1   |
| 95°    | 63.5   | 64.0   | 64.3   | 64.3   | 64.3   | 64.3   | 64.3   |
| 97.5°  | 99.8   | 100.4  | 100.8  | 100.8  | 100.8  | 100.8  | 100.8  |
| 100°   | 125.6  | 126.0  | 126.1  | 126.1  | 126.1  | 126.1  | 126.1  |
| 102.5° | 153.4  | 153.8  | 154.2  | 154.3  | 154.5  | 154.7  | 154.7  |
| 105°   | 195.3  | 195.8  | 196.4  | 196.9  | 197.5  | 198.0  | 198.5  |
| 107.5° | 240.6  | 241.1  | 241.3  | 241.3  | 241.2  | 241.2  | 241.2  |
| 110°   | 269.9  | 269.5  | 269.6  | 270.2  | 270.7  | 271.3  | 271.8  |



TEST NUMBER: P332698-930

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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 302.6  | 302.6  | 302.6  | 302.7  | 302.8  | 303.0  | 303.0  |
| 115°   | 352.6  | 352.5  | 352.3  | 352.1  | 351.9  | 351.7  | 351.6  |
| 117.5° | 400.3  | 399.7  | 399.3  | 398.8  | 398.5  | 398.1  | 397.8  |
| 120°   | 432.7  | 431.8  | 431.5  | 431.9  | 432.2  | 432.6  | 432.9  |
| 122.5° | 466.1  | 465.5  | 464.8  | 464.1  | 463.5  | 462.8  | 462.2  |
| 125°   | 514.9  | 514.5  | 514.1  | 513.8  | 513.4  | 513.1  | 512.7  |
| 127.5° | 561.3  | 560.8  | 560.5  | 560.3  | 559.9  | 559.7  | 559.4  |
| 130°   | 593.8  | 593.5  | 592.9  | 592.2  | 591.4  | 590.7  | 590.0  |
| 132.5° | 624.4  | 624.0  | 623.7  | 623.4  | 623.1  | 622.8  | 622.6  |
| 135°   | 670.3  | 669.9  | 669.4  | 669.0  | 668.4  | 667.8  | 667.3  |
| 137.5° | 714.5  | 714.1  | 713.9  | 714.0  | 714.1  | 714.2  | 714.4  |
| 140°   | 744.0  | 743.9  | 743.7  | 743.6  | 743.3  | 743.1  | 743.0  |
| 142.5° | 771.8  | 771.8  | 771.8  | 771.8  | 771.7  | 771.7  | 771.6  |
| 145°   | 813.3  | 813.0  | 812.7  | 812.1  | 811.6  | 811.1  | 810.5  |
| 147.5° | 850.9  | 850.8  | 850.6  | 850.4  | 850.3  | 850.1  | 849.9  |
| 150°   | 874.8  | 874.8  | 874.7  | 874.6  | 874.3  | 874.2  | 874.0  |
| 152.5° | 897.6  | 898.1  | 898.1  | 897.6  | 897.1  | 896.6  | 896.1  |
| 155°   | 929.0  | 929.8  | 929.8  | 929.0  | 928.4  | 927.6  | 926.9  |
| 157.5° | 956.3  | 956.9  | 956.8  | 956.3  | 955.6  | 955.0  | 954.4  |
| 160°   | 973.3  | 973.8  | 973.6  | 972.7  | 971.8  | 970.9  | 970.0  |
| 162.5° | 988.9  | 989.9  | 989.9  | 989.0  | 988.1  | 987.2  | 986.3  |
| 165°   | 1009.1 | 1010.2 | 1010.3 | 1009.7 | 1008.9 | 1008.2 | 1007.5 |
| 167.5° | 1026.1 | 1027.1 | 1027.1 | 1026.0 | 1024.8 | 1023.7 | 1022.6 |
| 170°   | 1035.1 | 1036.2 | 1036.1 | 1034.9 | 1033.6 | 1032.3 | 1031.0 |
| 172.5° | 1042.0 | 1043.3 | 1043.3 | 1042.0 | 1040.7 | 1039.5 | 1038.2 |
| 175°   | 1049.5 | 1050.8 | 1050.8 | 1049.5 | 1048.2 | 1047.0 | 1045.7 |
| 177.5° | 1053.3 | 1054.3 | 1054.3 | 1053.1 | 1051.9 | 1050.8 | 1049.6 |
| 180°   | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 | 1052.2 |

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