

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: P331736-930

Luminaire Tested: **SA2XXRDIP-C1005D330U930-4F0-1E-UDD-A1**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P331736-930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-8,  
Test Lab: INNOVATION CENTER  
Issue Date: 10/7/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: SA2XXRDIP-C1005D330U930-4F0-1E-UDD-A1  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 330 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4063.3 lumens  
Efficiency: N/A  
Efficacy: 81.6 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Direct

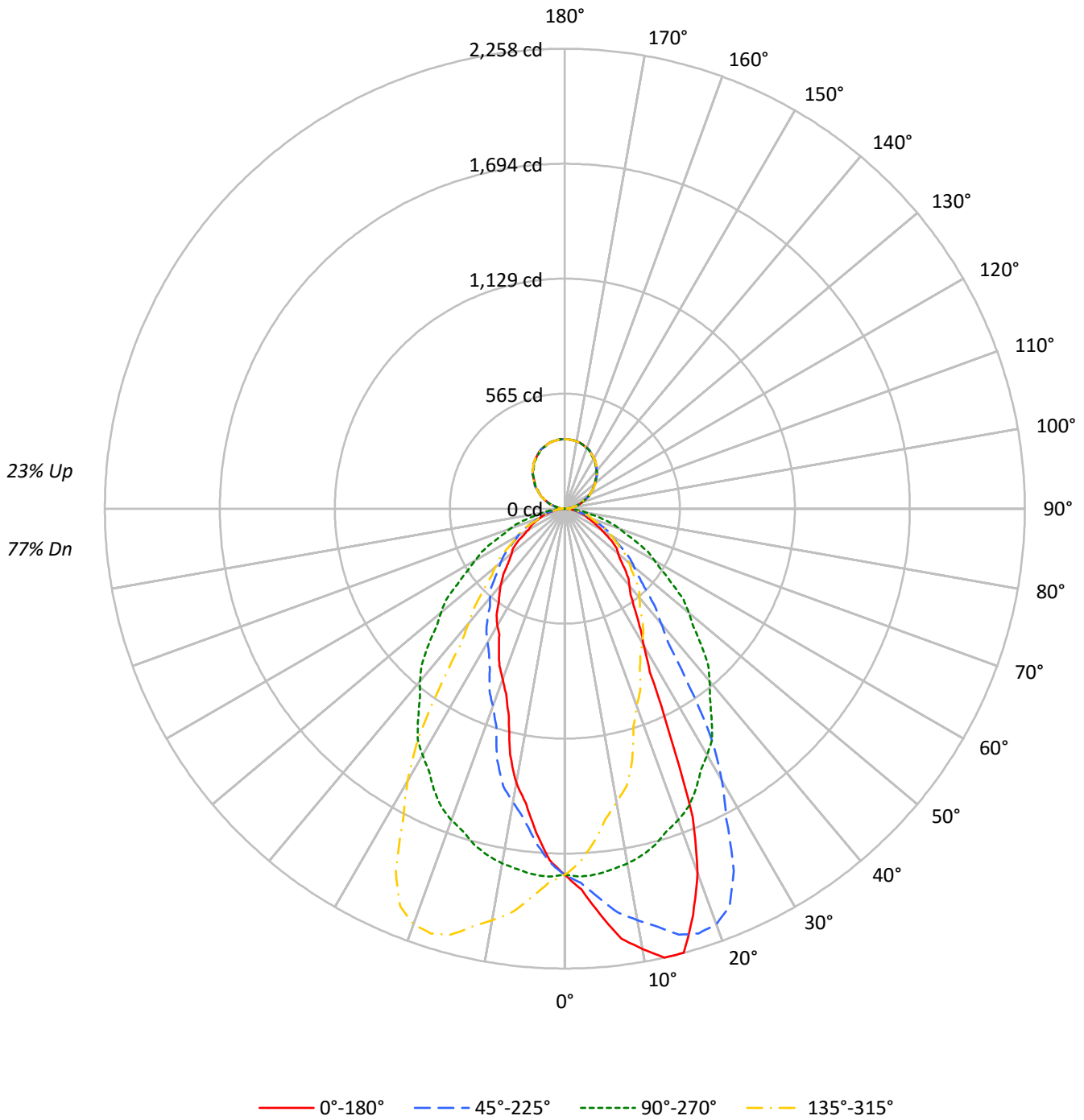
Input Watts (W): 49.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P331736-930

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### Luminous Intensity Polar Plot





TEST NUMBER: P331736-930

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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 | 50 | 30 | 10 | 0  |    |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 113 | 113 | 113 | 113 | 108 | 108 | 108 | 108 | 98 | 98 | 98 | 89 | 89 | 89 | 80 | 80 | 80 | 77 |    |    |    | 77 |
| 1   | 105 | 101 | 97  | 94  | 100 | 96  | 93  | 90  | 88 | 85 | 83 | 80 | 78 | 77 | 73 | 72 | 70 |    |    |    | 67 |    |
| 2   | 97  | 90  | 84  | 79  | 92  | 86  | 81  | 76  | 79 | 74 | 71 | 72 | 69 | 66 | 66 | 63 | 61 |    |    |    | 58 |    |
| 3   | 89  | 80  | 73  | 67  | 85  | 77  | 70  | 65  | 71 | 65 | 61 | 65 | 61 | 57 | 60 | 56 | 54 |    |    |    | 51 |    |
| 4   | 82  | 72  | 64  | 58  | 78  | 69  | 62  | 57  | 64 | 58 | 54 | 59 | 54 | 50 | 54 | 50 | 47 |    |    |    | 45 |    |
| 5   | 76  | 65  | 57  | 51  | 73  | 63  | 55  | 50  | 58 | 52 | 47 | 54 | 49 | 45 | 50 | 46 | 42 |    |    |    | 40 |    |
| 6   | 71  | 59  | 51  | 46  | 67  | 57  | 50  | 44  | 53 | 47 | 42 | 49 | 44 | 40 | 46 | 41 | 38 |    |    |    | 36 |    |
| 7   | 66  | 54  | 46  | 41  | 63  | 52  | 45  | 40  | 49 | 42 | 38 | 45 | 40 | 36 | 42 | 38 | 34 |    |    |    | 32 |    |
| 8   | 62  | 50  | 42  | 37  | 59  | 48  | 41  | 36  | 45 | 39 | 35 | 42 | 37 | 33 | 39 | 35 | 31 |    |    |    | 29 |    |
| 9   | 58  | 46  | 38  | 34  | 55  | 44  | 38  | 33  | 42 | 36 | 31 | 39 | 34 | 30 | 36 | 32 | 29 |    |    |    | 27 |    |
| 10  | 54  | 43  | 35  | 31  | 52  | 41  | 35  | 30  | 39 | 33 | 29 | 36 | 31 | 28 | 34 | 30 | 27 |    |    |    | 25 |    |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 29032 | 29032 | 29032 | 29032 |
| 5°  | 32423 | 29214 | 25901 | 29214 |
| 10° | 35974 | 29009 | 22453 | 29009 |
| 15° | 37742 | 28583 | 17690 | 28583 |
| 20° | 32720 | 27953 | 15309 | 27953 |
| 25° | 21458 | 27091 | 13668 | 27091 |
| 30° | 14443 | 26045 | 12370 | 26045 |
| 35° | 11698 | 24727 | 11158 | 24727 |
| 40° | 10404 | 23294 | 10323 | 23294 |
| 45° | 9417  | 21614 | 9216  | 21614 |
| 50° | 8568  | 19947 | 8538  | 19947 |
| 55° | 8056  | 18097 | 7949  | 18097 |
| 60° | 6736  | 16401 | 6659  | 16401 |
| 65° | 5681  | 14896 | 6445  | 14896 |
| 70° | 5249  | 13303 | 6076  | 13303 |
| 75° | 4916  | 11578 | 5608  | 11578 |
| 80° | 4537  | 9530  | 4993  | 9530  |
| 85° | 4168  | 7521  | 4390  | 7521  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 170.4  | 4.2       |
| 10°-20°   | 474.9  | 11.7      |
| 20°-30°   | 612.0  | 15.1      |
| 30°-40°   | 581.6  | 14.3      |
| 40°-50°   | 498.2  | 12.3      |
| 50°-60°   | 379.4  | 9.3       |
| 60°-70°   | 239.9  | 5.9       |
| 70°-80°   | 119.8  | 2.9       |
| 80°-90°   | 32.5   | 0.8       |
| 90°-100°  | 21.6   | 0.5       |
| 100°-110° | 67.2   | 1.7       |
| 110°-120° | 114.8  | 2.8       |
| 120°-130° | 151.0  | 3.7       |
| 130°-140° | 169.5  | 4.2       |
| 140°-150° | 166.2  | 4.1       |
| 150°-160° | 139.4  | 3.4       |
| 160°-170° | 92.4   | 2.3       |
| 170°-180° | 32.3   | 0.8       |
| 0°-30°    | 1257.4 | 30.9      |
| 0°-40°    | 1839.0 | 45.3      |
| 0°-60°    | 2716.7 | 66.9      |
| 0°-90°    | 3108.9 | 76.5      |
| 90°-120°  | 203.6  | 5.0       |
| 90°-150°  | 690.3  | 17.0      |
| 90°-180°  | 954.0  | 23.5      |
| 0°-180°   | 4063.3 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1798 | 1798 | 1798 | 1798 | 1798 |      |
| 5°   | 2000 | 1802 | 1598 | 1802 | 2000 | 197  |
| 15°  | 2258 | 1710 | 1058 | 1710 | 2258 | 609  |
| 25°  | 1204 | 1521 | 767  | 1521 | 1204 | 572  |
| 35°  | 594  | 1254 | 566  | 1254 | 594  | 380  |
| 45°  | 412  | 947  | 404  | 947  | 412  | 319  |
| 55°  | 286  | 643  | 282  | 643  | 286  | 251  |
| 65°  | 149  | 390  | 169  | 390  | 149  | 151  |
| 75°  | 79   | 186  | 90   | 186  | 79   | 84   |
| 85°  | 22   | 41   | 24   | 41   | 22   | 24   |
| 90°  | 10   | 0    | 10   | 0    | 10   | 5    |
| 95°  | 18   | 15   | 18   | 15   | 18   | 20   |
| 105° | 64   | 62   | 64   | 62   | 64   | 67   |
| 115° | 115  | 115  | 115  | 115  | 115  | 114  |
| 125° | 168  | 168  | 168  | 168  | 168  | 150  |
| 135° | 220  | 217  | 220  | 217  | 220  | 169  |
| 145° | 266  | 263  | 266  | 263  | 266  | 166  |
| 155° | 303  | 301  | 303  | 301  | 303  | 140  |
| 165° | 328  | 328  | 328  | 328  | 328  | 92   |
| 175° | 340  | 341  | 340  | 341  | 340  | 32   |
| 180° | 341  | 341  | 341  | 341  | 341  |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5°   | 1871.0 | 1872.6 | 1874.0 | 1870.5 | 1870.5 | 1867.5 | 1861.1 | 1856.0 | 1842.1 | 1840.0 | 1840.0 |
| 5°     | 2000.5 | 1999.3 | 2001.7 | 1993.7 | 1982.4 | 1979.9 | 1968.1 | 1952.4 | 1936.2 | 1918.1 | 1914.3 |
| 7.5°   | 2129.2 | 2127.4 | 2122.3 | 2121.0 | 2112.4 | 2093.4 | 2074.4 | 2054.0 | 2027.0 | 2000.7 | 1987.4 |
| 10°    | 2194.2 | 2214.8 | 2202.3 | 2180.4 | 2184.8 | 2155.5 | 2139.8 | 2113.0 | 2090.5 | 2051.1 | 2042.4 |
| 12.5°  | 2258.1 | 2266.3 | 2262.3 | 2249.9 | 2244.3 | 2223.9 | 2202.8 | 2179.5 | 2138.0 | 2102.6 | 2071.8 |
| 15°    | 2257.9 | 2269.8 | 2272.9 | 2269.1 | 2272.3 | 2271.0 | 2259.8 | 2240.4 | 2204.2 | 2165.4 | 2131.7 |
| 17.5°  | 2091.2 | 2099.5 | 2119.9 | 2133.8 | 2151.3 | 2188.3 | 2206.5 | 2213.7 | 2208.3 | 2186.2 | 2162.4 |
| 20°    | 1904.3 | 1890.5 | 1948.0 | 1977.4 | 2002.4 | 2064.8 | 2118.6 | 2139.2 | 2172.3 | 2171.7 | 2165.4 |
| 22.5°  | 1639.4 | 1642.7 | 1697.1 | 1732.0 | 1805.0 | 1867.4 | 1928.7 | 2006.3 | 2070.4 | 2112.7 | 2137.5 |
| 25°    | 1204.5 | 1228.3 | 1282.6 | 1330.2 | 1411.4 | 1527.5 | 1633.1 | 1755.6 | 1871.2 | 1962.4 | 2049.3 |
| 27.5°  | 904.7  | 906.4  | 949.5  | 993.4  | 1041.6 | 1136.9 | 1269.7 | 1416.0 | 1580.8 | 1716.8 | 1873.2 |
| 30°    | 774.7  | 770.9  | 789.0  | 816.0  | 857.2  | 930.9  | 1030.9 | 1174.6 | 1338.9 | 1543.8 | 1726.2 |
| 32.5°  | 682.7  | 683.0  | 696.6  | 716.5  | 750.7  | 800.5  | 868.9  | 985.6  | 1140.9 | 1342.4 | 1556.3 |
| 35°    | 593.5  | 592.9  | 602.9  | 617.3  | 631.6  | 663.5  | 710.4  | 771.6  | 878.4  | 1066.5 | 1285.2 |
| 37.5°  | 529.5  | 532.3  | 537.2  | 546.2  | 562.1  | 579.8  | 607.9  | 649.0  | 725.1  | 836.3  | 1020.1 |
| 40°    | 493.6  | 494.8  | 501.7  | 509.2  | 518.5  | 532.3  | 555.4  | 588.6  | 644.2  | 732.9  | 867.2  |
| 42.5°  | 460.6  | 461.9  | 466.7  | 473.7  | 481.1  | 494.8  | 514.0  | 542.6  | 587.7  | 656.9  | 767.7  |
| 45°    | 412.4  | 412.4  | 416.7  | 419.9  | 428.0  | 440.4  | 456.1  | 479.8  | 511.0  | 562.3  | 636.0  |
| 47.5°  | 367.1  | 367.2  | 370.1  | 375.5  | 380.6  | 390.4  | 405.7  | 425.1  | 447.8  | 487.5  | 550.4  |
| 50°    | 341.1  | 341.8  | 343.6  | 348.0  | 351.1  | 359.9  | 371.8  | 388.6  | 412.4  | 443.0  | 495.5  |
| 52.5°  | 320.2  | 319.8  | 322.1  | 324.0  | 326.1  | 332.4  | 341.3  | 356.1  | 377.3  | 404.0  | 447.4  |
| 55°    | 286.2  | 283.6  | 287.4  | 290.5  | 292.4  | 294.9  | 299.9  | 309.2  | 327.3  | 349.8  | 382.4  |
| 57.5°  | 243.7  | 242.6  | 245.3  | 248.2  | 254.0  | 260.8  | 265.1  | 271.0  | 280.4  | 296.5  | 328.7  |
| 60°    | 208.6  | 208.6  | 214.3  | 216.1  | 223.1  | 231.8  | 240.5  | 245.6  | 254.9  | 265.5  | 289.3  |
| 62.5°  | 177.7  | 178.2  | 180.8  | 182.7  | 186.5  | 197.3  | 209.5  | 220.5  | 229.4  | 239.5  | 255.3  |
| 65°    | 148.7  | 149.9  | 149.9  | 151.2  | 153.7  | 156.2  | 161.2  | 169.9  | 185.6  | 199.9  | 211.8  |
| 67.5°  | 126.2  | 126.6  | 126.9  | 128.2  | 128.8  | 131.6  | 133.5  | 137.5  | 141.0  | 154.7  | 169.4  |
| 70°    | 111.2  | 113.1  | 112.4  | 113.7  | 114.3  | 115.6  | 118.1  | 119.9  | 125.6  | 128.7  | 137.5  |
| 72.5°  | 97.2   | 98.6   | 98.5   | 99.2   | 100.9  | 101.1  | 103.1  | 104.9  | 108.6  | 111.2  | 115.9  |
| 75°    | 78.8   | 78.1   | 78.8   | 80.0   | 80.6   | 81.2   | 81.2   | 83.7   | 85.6   | 88.1   | 91.2   |
| 77.5°  | 60.7   | 61.4   | 61.2   | 61.4   | 61.5   | 62.6   | 62.5   | 63.6   | 65.5   | 66.7   | 68.2   |
| 80°    | 48.8   | 49.3   | 48.8   | 49.3   | 50.0   | 50.6   | 50.0   | 50.6   | 52.5   | 53.7   | 53.7   |
| 82.5°  | 37.7   | 37.8   | 38.2   | 38.4   | 38.5   | 38.6   | 39.5   | 39.6   | 41.0   | 40.8   | 41.3   |
| 85°    | 22.5   | 21.9   | 21.9   | 21.9   | 22.5   | 23.2   | 22.5   | 22.5   | 23.2   | 23.2   | 23.2   |
| 87.5°  | 9.9    | 10.4   | 10.4   | 10.4   | 10.4   | 10.4   | 10.4   | 10.9   | 10.5   | 11.0   | 10.2   |
| 90°    | 9.8    | 9.7    | 9.7    | 9.6    | 9.5    | 9.5    | 9.7    | 9.9    | 9.9    | 10.1   | 8.6    |
| 92.5°  | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.2    | 9.2    | 9.2    | 9.1    | 8.8    |
| 95°    | 17.9   | 18.0   | 18.1   | 18.3   | 18.3   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.3   |
| 97.5°  | 30.9   | 31.0   | 31.0   | 31.0   | 31.0   | 31.0   | 31.0   | 31.0   | 31.0   | 31.0   | 30.7   |
| 100°   | 39.5   | 39.5   | 39.6   | 39.6   | 39.7   | 39.8   | 39.8   | 39.8   | 39.8   | 39.8   | 39.5   |
| 102.5° | 49.2   | 49.2   | 49.2   | 49.3   | 49.4   | 49.4   | 49.3   | 49.3   | 49.2   | 49.2   | 48.9   |
| 105°   | 63.9   | 63.9   | 63.9   | 63.9   | 63.9   | 63.9   | 63.8   | 63.6   | 63.5   | 63.3   | 63.3   |
| 107.5° | 77.9   | 78.2   | 78.5   | 78.8   | 79.1   | 79.2   | 79.2   | 79.1   | 79.0   | 79.0   | 79.0   |
| 110°   | 88.7   | 88.9   | 89.1   | 89.3   | 89.5   | 89.6   | 89.6   | 89.6   | 89.6   | 89.6   | 89.6   |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 99.1  | 99.2  | 99.4  | 99.5  | 99.6  | 99.8  | 100.0 | 100.1 | 100.3 | 100.4 | 100.4 |
| 115°   | 115.2 | 115.4 | 115.6 | 115.8 | 116.0 | 116.1 | 116.2 | 116.3 | 116.3 | 116.3 | 116.5 |
| 117.5° | 130.6 | 130.8 | 131.0 | 131.2 | 131.3 | 131.5 | 131.7 | 131.8 | 132.0 | 132.2 | 132.5 |
| 120°   | 141.5 | 141.6 | 141.8 | 142.0 | 142.2 | 142.3 | 142.3 | 142.3 | 142.3 | 142.3 | 142.8 |
| 122.5° | 152.1 | 152.1 | 152.3 | 152.5 | 152.6 | 152.7 | 152.9 | 153.0 | 153.2 | 153.4 | 153.7 |
| 125°   | 168.2 | 168.3 | 168.4 | 168.4 | 168.4 | 168.6 | 168.8 | 169.0 | 169.2 | 169.3 | 169.6 |
| 127.5° | 183.0 | 183.2 | 183.4 | 183.6 | 183.8 | 184.0 | 184.3 | 184.5 | 184.7 | 184.9 | 185.2 |
| 130°   | 193.6 | 193.8 | 194.0 | 194.4 | 194.6 | 194.8 | 194.9 | 195.0 | 195.2 | 195.3 | 195.4 |
| 132.5° | 203.7 | 203.9 | 204.2 | 204.3 | 204.6 | 204.8 | 205.0 | 205.3 | 205.6 | 205.9 | 205.9 |
| 135°   | 219.5 | 219.7 | 219.9 | 220.0 | 220.3 | 220.4 | 220.5 | 220.5 | 220.5 | 220.6 | 220.5 |
| 137.5° | 233.7 | 234.1 | 234.3 | 234.6 | 234.8 | 235.0 | 235.0 | 235.1 | 235.1 | 235.1 | 235.0 |
| 140°   | 243.7 | 243.9 | 244.2 | 244.4 | 244.7 | 244.8 | 244.8 | 244.8 | 244.8 | 244.8 | 244.5 |
| 142.5° | 252.7 | 252.9 | 253.2 | 253.5 | 253.7 | 253.8 | 253.7 | 253.7 | 253.6 | 253.6 | 253.4 |
| 145°   | 266.1 | 266.4 | 266.7 | 266.9 | 267.2 | 267.3 | 267.2 | 267.2 | 267.1 | 267.0 | 266.6 |
| 147.5° | 278.2 | 278.4 | 278.7 | 278.9 | 279.2 | 279.2 | 279.1 | 278.9 | 278.8 | 278.7 | 278.4 |
| 150°   | 286.0 | 286.3 | 286.4 | 286.6 | 286.8 | 286.8 | 286.6 | 286.4 | 286.3 | 286.0 | 285.8 |
| 152.5° | 293.4 | 293.7 | 293.9 | 294.2 | 294.4 | 294.4 | 294.2 | 293.9 | 293.7 | 293.4 | 293.1 |
| 155°   | 303.3 | 303.5 | 303.7 | 303.9 | 304.1 | 304.0 | 303.7 | 303.4 | 303.0 | 302.7 | 302.6 |
| 157.5° | 311.9 | 312.2 | 312.4 | 312.7 | 313.1 | 313.0 | 312.6 | 312.1 | 311.7 | 311.3 | 311.1 |
| 160°   | 317.2 | 317.4 | 317.6 | 317.9 | 318.1 | 318.1 | 317.7 | 317.3 | 316.9 | 316.6 | 316.5 |
| 162.5° | 321.7 | 322.0 | 322.4 | 322.7 | 322.9 | 322.9 | 322.5 | 322.0 | 321.6 | 321.1 | 321.1 |
| 165°   | 327.8 | 328.1 | 328.4 | 328.7 | 329.1 | 329.0 | 328.6 | 328.1 | 327.7 | 327.2 | 327.2 |
| 167.5° | 332.7 | 333.0 | 333.4 | 333.8 | 334.1 | 334.0 | 333.5 | 333.1 | 332.6 | 332.2 | 332.2 |
| 170°   | 335.3 | 335.7 | 336.1 | 336.5 | 336.8 | 336.8 | 336.3 | 335.9 | 335.4 | 335.0 | 335.1 |
| 172.5° | 337.4 | 337.8 | 338.1 | 338.5 | 338.9 | 338.8 | 338.4 | 337.9 | 337.5 | 337.0 | 337.1 |
| 175°   | 339.6 | 340.0 | 340.4 | 340.8 | 341.1 | 341.1 | 340.6 | 340.2 | 339.7 | 339.3 | 339.4 |
| 177.5° | 340.6 | 341.0 | 341.3 | 341.5 | 341.9 | 341.9 | 341.5 | 341.3 | 341.0 | 340.6 | 340.7 |
| 180°   | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5°   | 1841.1 | 1837.0 | 1833.6 | 1824.6 | 1820.1 | 1810.0 | 1808.6 | 1808.1 | 1795.1 | 1782.6 | 1779.1 |
| 5°     | 1904.3 | 1894.3 | 1879.3 | 1861.8 | 1843.7 | 1825.0 | 1812.5 | 1802.5 | 1777.4 | 1753.7 | 1740.0 |
| 7.5°   | 1968.1 | 1946.5 | 1920.7 | 1887.6 | 1859.9 | 1829.0 | 1806.0 | 1785.3 | 1749.9 | 1715.9 | 1693.0 |
| 10°    | 2015.5 | 1980.5 | 1946.1 | 1900.5 | 1864.9 | 1829.9 | 1797.5 | 1769.4 | 1729.3 | 1684.4 | 1652.5 |
| 12.5°  | 2045.0 | 2006.5 | 1959.2 | 1914.6 | 1868.4 | 1824.0 | 1780.5 | 1744.3 | 1697.4 | 1650.9 | 1613.1 |
| 15°    | 2084.9 | 2043.6 | 1986.2 | 1922.4 | 1863.0 | 1805.0 | 1755.0 | 1710.0 | 1648.8 | 1593.2 | 1546.9 |
| 17.5°  | 2117.5 | 2060.8 | 1999.0 | 1925.3 | 1856.6 | 1782.7 | 1718.4 | 1660.9 | 1592.8 | 1525.7 | 1471.2 |
| 20°    | 2127.9 | 2071.8 | 2000.5 | 1926.8 | 1845.6 | 1758.8 | 1689.4 | 1626.9 | 1553.8 | 1480.7 | 1418.2 |
| 22.5°  | 2121.5 | 2077.7 | 1998.5 | 1910.3 | 1827.1 | 1736.3 | 1657.9 | 1585.4 | 1504.3 | 1429.7 | 1357.2 |
| 25°    | 2077.4 | 2062.4 | 1987.4 | 1891.2 | 1796.2 | 1690.6 | 1600.0 | 1520.7 | 1428.2 | 1348.3 | 1269.5 |
| 27.5°  | 1974.5 | 2006.9 | 1960.4 | 1857.9 | 1752.3 | 1639.2 | 1537.3 | 1447.0 | 1351.0 | 1261.0 | 1182.6 |
| 30°    | 1875.6 | 1949.9 | 1929.9 | 1834.9 | 1716.9 | 1605.7 | 1491.3 | 1397.0 | 1294.5 | 1202.1 | 1124.6 |
| 32.5°  | 1740.1 | 1863.0 | 1882.4 | 1803.0 | 1680.9 | 1558.7 | 1438.8 | 1345.0 | 1238.0 | 1140.6 | 1065.1 |
| 35°    | 1524.4 | 1708.1 | 1792.4 | 1741.9 | 1619.4 | 1487.6 | 1363.8 | 1254.5 | 1147.0 | 1050.8 | 975.9  |
| 37.5°  | 1267.1 | 1517.4 | 1657.9 | 1661.5 | 1549.1 | 1412.0 | 1277.2 | 1168.7 | 1058.7 | 964.3  | 883.2  |
| 40°    | 1100.2 | 1371.3 | 1554.4 | 1595.1 | 1500.1 | 1352.0 | 1215.8 | 1105.2 | 997.8  | 905.3  | 812.2  |
| 42.5°  | 950.3  | 1220.4 | 1445.4 | 1516.0 | 1440.6 | 1293.6 | 1156.8 | 1041.2 | 936.8  | 849.3  | 754.2  |
| 45°    | 768.5  | 1004.6 | 1252.6 | 1378.8 | 1337.0 | 1200.8 | 1056.5 | 946.6  | 848.4  | 772.8  | 681.6  |
| 47.5°  | 648.2  | 814.7  | 1054.8 | 1225.4 | 1224.7 | 1100.3 | 958.4  | 853.0  | 762.1  | 691.2  | 617.4  |
| 50°    | 579.8  | 724.7  | 927.8  | 1121.4 | 1137.7 | 1033.4 | 898.4  | 794.1  | 709.1  | 634.8  | 575.4  |
| 52.5°  | 518.3  | 637.7  | 820.4  | 1006.0 | 1052.2 | 961.9  | 831.0  | 734.6  | 652.2  | 583.8  | 533.0  |
| 55°    | 438.0  | 530.4  | 669.1  | 842.8  | 912.8  | 849.1  | 732.9  | 642.9  | 576.0  | 518.5  | 474.8  |
| 57.5°  | 370.5  | 439.9  | 551.1  | 691.0  | 772.5  | 732.4  | 636.5  | 563.5  | 506.2  | 454.2  | 419.7  |
| 60°    | 328.0  | 384.8  | 479.2  | 596.1  | 686.0  | 657.9  | 576.0  | 507.9  | 459.2  | 414.3  | 381.7  |
| 62.5°  | 288.0  | 336.9  | 417.8  | 512.6  | 595.0  | 583.4  | 516.6  | 459.4  | 416.7  | 375.8  | 348.2  |
| 65°    | 231.8  | 267.4  | 330.5  | 404.9  | 471.1  | 476.7  | 428.6  | 389.9  | 351.7  | 319.3  | 294.9  |
| 67.5°  | 184.6  | 207.8  | 252.3  | 314.9  | 364.5  | 382.2  | 352.9  | 323.3  | 293.0  | 267.9  | 246.8  |
| 70°    | 155.6  | 174.3  | 206.8  | 257.4  | 303.0  | 321.7  | 304.9  | 281.8  | 255.5  | 234.9  | 216.8  |
| 72.5°  | 126.0  | 144.3  | 168.3  | 205.5  | 244.5  | 264.8  | 258.9  | 242.3  | 221.0  | 203.9  | 186.8  |
| 75°    | 95.0   | 100.6  | 116.8  | 141.9  | 172.4  | 190.0  | 194.3  | 185.6  | 168.7  | 155.6  | 145.5  |
| 77.5°  | 70.2   | 73.6   | 81.4   | 94.5   | 114.5  | 130.0  | 136.5  | 135.4  | 123.8  | 116.2  | 106.8  |
| 80°    | 56.3   | 58.1   | 61.9   | 67.5   | 82.5   | 98.1   | 102.5  | 102.5  | 94.3   | 91.2   | 81.9   |
| 82.5°  | 42.7   | 44.1   | 46.4   | 49.5   | 56.5   | 70.1   | 75.0   | 76.0   | 70.8   | 66.7   | 59.4   |
| 85°    | 24.4   | 23.7   | 25.0   | 26.9   | 28.1   | 31.9   | 39.4   | 40.6   | 39.4   | 34.3   | 32.4   |
| 87.5°  | 9.9    | 10.2   | 9.9    | 9.1    | 9.5    | 9.9    | 12.2   | 14.5   | 12.7   | 11.3   | 10.5   |
| 90°    | 7.3    | 5.9    | 4.5    | 3.3    | 2.6    | 1.8    | 1.1    | 0.3    | 1.1    | 1.8    | 2.6    |
| 92.5°  | 8.5    | 8.2    | 7.8    | 7.4    | 6.8    | 6.3    | 5.7    | 5.1    | 5.7    | 6.3    | 6.8    |
| 95°    | 18.2   | 18.0   | 17.9   | 17.5   | 16.9   | 16.2   | 15.7   | 15.0   | 15.7   | 16.2   | 16.9   |
| 97.5°  | 30.5   | 30.2   | 30.0   | 29.6   | 29.0   | 28.5   | 28.0   | 27.4   | 28.0   | 28.5   | 29.0   |
| 100°   | 39.4   | 39.1   | 39.0   | 38.6   | 38.2   | 37.6   | 37.1   | 36.6   | 37.1   | 37.6   | 38.2   |
| 102.5° | 48.7   | 48.4   | 48.3   | 47.9   | 47.5   | 47.0   | 46.6   | 46.2   | 46.6   | 47.0   | 47.5   |
| 105°   | 63.1   | 63.0   | 62.9   | 62.7   | 62.5   | 62.3   | 62.1   | 62.0   | 62.1   | 62.3   | 62.5   |
| 107.5° | 79.0   | 79.0   | 79.0   | 78.8   | 78.6   | 78.3   | 78.0   | 77.7   | 78.0   | 78.3   | 78.6   |
| 110°   | 89.6   | 89.6   | 89.6   | 89.4   | 89.0   | 88.6   | 88.2   | 87.9   | 88.2   | 88.6   | 89.0   |





TEST NUMBER: P331736-930

CATALOG NUMBER: SA2XXRDIP-C1005D330U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 100.5 | 100.5 | 100.6 | 100.4 | 100.0 | 99.7  | 99.3  | 98.9  | 99.3  | 99.7  | 100.0 |
| 115°   | 116.6 | 116.8 | 116.9 | 116.8 | 116.3 | 116.0 | 115.6 | 115.2 | 115.6 | 116.0 | 116.3 |
| 117.5° | 132.9 | 133.2 | 133.6 | 133.5 | 133.0 | 132.5 | 132.0 | 131.4 | 132.0 | 132.5 | 133.0 |
| 120°   | 143.3 | 143.8 | 144.3 | 144.3 | 143.8 | 143.3 | 142.8 | 142.3 | 142.8 | 143.3 | 143.8 |
| 122.5° | 154.1 | 154.4 | 154.8 | 154.7 | 154.0 | 153.4 | 152.8 | 152.2 | 152.8 | 153.4 | 154.0 |
| 125°   | 169.7 | 169.9 | 170.2 | 169.9 | 169.3 | 168.8 | 168.2 | 167.6 | 168.2 | 168.8 | 169.3 |
| 127.5° | 185.4 | 185.6 | 185.8 | 185.6 | 184.8 | 184.2 | 183.4 | 182.7 | 183.4 | 184.2 | 184.8 |
| 130°   | 195.6 | 195.7 | 195.8 | 195.4 | 194.6 | 193.8 | 193.0 | 192.2 | 193.0 | 193.8 | 194.6 |
| 132.5° | 205.9 | 205.8 | 205.8 | 205.5 | 204.7 | 204.1 | 203.4 | 202.8 | 203.4 | 204.1 | 204.7 |
| 135°   | 220.4 | 220.3 | 220.1 | 219.7 | 219.0 | 218.3 | 217.6 | 216.9 | 217.6 | 218.3 | 219.0 |
| 137.5° | 234.8 | 234.6 | 234.5 | 234.2 | 233.6 | 232.9 | 232.4 | 231.8 | 232.4 | 232.9 | 233.6 |
| 140°   | 244.2 | 243.9 | 243.5 | 243.1 | 242.6 | 242.0 | 241.4 | 240.8 | 241.4 | 242.0 | 242.6 |
| 142.5° | 253.2 | 252.9 | 252.7 | 252.3 | 251.8 | 251.2 | 250.6 | 250.1 | 250.6 | 251.2 | 251.8 |
| 145°   | 266.3 | 265.9 | 265.5 | 265.1 | 264.6 | 264.2 | 263.7 | 263.3 | 263.7 | 264.2 | 264.6 |
| 147.5° | 278.2 | 277.9 | 277.6 | 277.2 | 276.7 | 276.1 | 275.7 | 275.1 | 275.7 | 276.1 | 276.7 |
| 150°   | 285.5 | 285.3 | 285.0 | 284.7 | 284.3 | 283.9 | 283.6 | 283.2 | 283.6 | 283.9 | 284.3 |
| 152.5° | 292.8 | 292.4 | 292.2 | 291.8 | 291.5 | 291.1 | 290.7 | 290.3 | 290.7 | 291.1 | 291.5 |
| 155°   | 302.3 | 302.1 | 302.0 | 301.7 | 301.6 | 301.4 | 301.2 | 301.0 | 301.2 | 301.4 | 301.6 |
| 157.5° | 311.0 | 311.0 | 310.8 | 310.7 | 310.5 | 310.4 | 310.3 | 310.1 | 310.3 | 310.4 | 310.5 |
| 160°   | 316.4 | 316.3 | 316.3 | 316.2 | 316.1 | 315.9 | 315.8 | 315.7 | 315.8 | 315.9 | 316.1 |
| 162.5° | 321.1 | 321.0 | 320.9 | 320.9 | 320.8 | 320.8 | 320.8 | 320.7 | 320.8 | 320.8 | 320.8 |
| 165°   | 327.2 | 327.2 | 327.2 | 327.3 | 327.3 | 327.3 | 327.4 | 327.5 | 327.4 | 327.3 | 327.3 |
| 167.5° | 332.2 | 332.2 | 332.3 | 332.4 | 332.6 | 332.8 | 333.0 | 333.1 | 333.0 | 332.8 | 332.6 |
| 170°   | 335.1 | 335.2 | 335.3 | 335.4 | 335.6 | 335.7 | 336.0 | 336.1 | 336.0 | 335.7 | 335.6 |
| 172.5° | 337.2 | 337.3 | 337.3 | 337.5 | 337.6 | 337.9 | 338.0 | 338.2 | 338.0 | 337.9 | 337.6 |
| 175°   | 339.6 | 339.7 | 339.8 | 340.0 | 340.1 | 340.4 | 340.6 | 340.8 | 340.6 | 340.4 | 340.1 |
| 177.5° | 340.9 | 341.0 | 341.0 | 341.2 | 341.4 | 341.4 | 341.6 | 341.8 | 341.6 | 341.4 | 341.4 |
| 180°   | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |



TEST NUMBER: P331736-930

CATALOG NUMBER: SA2XXRDIP-C1005D330U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5°   | 1772.6 | 1769.1 | 1762.6 | 1752.6 | 1746.6 | 1736.1 | 1729.1 | 1733.1 | 1734.1 | 1733.1 | 1732.1 |
| 5°     | 1725.0 | 1711.9 | 1693.8 | 1676.3 | 1660.0 | 1642.5 | 1632.6 | 1628.2 | 1619.4 | 1614.4 | 1611.9 |
| 7.5°   | 1667.4 | 1644.8 | 1619.2 | 1588.7 | 1562.8 | 1535.7 | 1521.8 | 1514.9 | 1497.1 | 1487.4 | 1478.8 |
| 10°    | 1624.4 | 1588.8 | 1563.2 | 1523.2 | 1498.8 | 1463.2 | 1438.8 | 1439.5 | 1415.1 | 1401.3 | 1391.4 |
| 12.5°  | 1577.0 | 1537.8 | 1495.2 | 1459.2 | 1425.4 | 1396.8 | 1367.3 | 1355.5 | 1329.7 | 1316.4 | 1289.4 |
| 15°    | 1498.2 | 1452.6 | 1407.6 | 1358.9 | 1324.5 | 1280.2 | 1237.7 | 1185.9 | 1143.9 | 1107.7 | 1097.7 |
| 17.5°  | 1412.3 | 1355.8 | 1310.7 | 1253.4 | 1194.6 | 1120.0 | 1070.7 | 1040.6 | 1015.4 | 996.3  | 982.0  |
| 20°    | 1353.2 | 1295.8 | 1247.7 | 1161.5 | 1082.1 | 1031.5 | 995.2  | 972.2  | 945.9  | 925.3  | 914.0  |
| 22.5°  | 1291.3 | 1231.3 | 1165.7 | 1069.5 | 1007.6 | 967.0  | 934.7  | 908.2  | 890.4  | 874.3  | 864.1  |
| 25°    | 1203.3 | 1137.7 | 1029.6 | 963.4  | 913.4  | 870.9  | 848.4  | 832.2  | 813.4  | 791.6  | 781.6  |
| 27.5°  | 1110.4 | 1006.0 | 928.4  | 879.1  | 831.4  | 803.8  | 783.6  | 759.4  | 742.6  | 732.7  | 722.4  |
| 30°    | 1040.9 | 936.5  | 876.0  | 822.2  | 788.5  | 757.8  | 734.1  | 720.4  | 704.1  | 687.2  | 680.4  |
| 32.5°  | 963.4  | 880.0  | 822.0  | 777.2  | 743.0  | 716.9  | 698.1  | 675.9  | 664.1  | 653.8  | 639.4  |
| 35°    | 867.2  | 804.0  | 751.0  | 714.8  | 682.2  | 661.0  | 639.1  | 626.0  | 604.8  | 596.1  | 590.4  |
| 37.5°  | 785.7  | 731.0  | 691.4  | 653.1  | 627.4  | 603.9  | 590.5  | 569.6  | 560.4  | 548.3  | 536.5  |
| 40°    | 739.7  | 686.0  | 647.9  | 616.6  | 587.9  | 570.4  | 553.5  | 536.7  | 522.9  | 517.3  | 503.0  |
| 42.5°  | 692.8  | 649.0  | 610.9  | 576.7  | 557.4  | 538.9  | 517.6  | 505.2  | 491.0  | 481.8  | 473.0  |
| 45°    | 627.9  | 589.1  | 556.7  | 528.6  | 507.3  | 488.0  | 474.2  | 453.6  | 445.5  | 427.4  | 419.9  |
| 47.5°  | 571.0  | 534.9  | 503.9  | 477.2  | 456.5  | 443.8  | 423.7  | 407.6  | 394.6  | 383.5  | 373.9  |
| 50°    | 530.4  | 500.4  | 470.4  | 446.7  | 428.0  | 409.9  | 389.2  | 381.1  | 361.1  | 355.5  | 349.8  |
| 52.5°  | 493.4  | 465.0  | 437.5  | 414.3  | 395.5  | 377.9  | 359.7  | 349.1  | 335.7  | 330.0  | 325.9  |
| 55°    | 441.7  | 414.3  | 388.0  | 367.4  | 348.6  | 330.5  | 319.3  | 306.1  | 299.9  | 295.5  | 290.5  |
| 57.5°  | 389.7  | 365.0  | 344.9  | 324.0  | 305.2  | 290.7  | 277.8  | 269.9  | 263.4  | 257.6  | 251.7  |
| 60°    | 356.8  | 333.0  | 314.9  | 295.5  | 276.1  | 264.2  | 254.3  | 244.9  | 237.4  | 228.7  | 226.2  |
| 62.5°  | 321.7  | 301.0  | 284.4  | 265.5  | 248.7  | 237.8  | 228.3  | 219.4  | 210.4  | 197.7  | 194.2  |
| 65°    | 273.6  | 257.4  | 239.9  | 224.3  | 209.3  | 198.7  | 184.9  | 175.0  | 171.2  | 169.9  | 169.3  |
| 67.5°  | 230.2  | 214.8  | 199.8  | 183.8  | 170.2  | 160.3  | 153.4  | 151.8  | 149.2  | 148.5  | 146.7  |
| 70°    | 201.2  | 186.8  | 171.8  | 156.8  | 143.7  | 141.9  | 139.3  | 136.8  | 133.7  | 132.5  | 131.2  |
| 72.5°  | 175.2  | 160.3  | 145.3  | 133.3  | 127.7  | 125.3  | 122.9  | 120.3  | 118.2  | 117.0  | 116.2  |
| 75°    | 134.4  | 120.6  | 110.6  | 106.2  | 103.1  | 101.2  | 97.4   | 95.6   | 94.3   | 92.5   | 91.8   |
| 77.5°  | 96.7   | 88.9   | 84.4   | 81.6   | 78.4   | 76.3   | 74.2   | 72.3   | 71.0   | 70.6   | 69.6   |
| 80°    | 73.7   | 70.0   | 66.9   | 63.1   | 61.9   | 59.4   | 58.7   | 56.8   | 57.5   | 55.6   | 55.6   |
| 82.5°  | 57.2   | 52.5   | 49.9   | 48.1   | 46.9   | 44.8   | 44.3   | 43.4   | 43.5   | 42.1   | 42.1   |
| 85°    | 29.4   | 28.1   | 26.9   | 25.6   | 25.6   | 23.7   | 24.4   | 23.7   | 23.7   | 22.5   | 21.9   |
| 87.5°  | 10.2   | 9.9    | 9.1    | 9.5    | 9.7    | 9.5    | 9.5    | 9.0    | 9.0    | 8.9    | 8.4    |
| 90°    | 3.3    | 4.5    | 5.9    | 7.3    | 8.6    | 10.1   | 9.9    | 9.9    | 9.7    | 9.5    | 9.5    |
| 92.5°  | 7.4    | 7.8    | 8.2    | 8.5    | 8.8    | 9.1    | 9.2    | 9.2    | 9.2    | 9.3    | 9.3    |
| 95°    | 17.5   | 17.9   | 18.0   | 18.2   | 18.3   | 18.4   | 18.4   | 18.4   | 18.4   | 18.4   | 18.3   |
| 97.5°  | 29.6   | 30.0   | 30.2   | 30.5   | 30.7   | 31.0   | 31.0   | 31.0   | 31.0   | 31.0   | 31.0   |
| 100°   | 38.6   | 39.0   | 39.1   | 39.4   | 39.5   | 39.8   | 39.8   | 39.8   | 39.8   | 39.8   | 39.7   |
| 102.5° | 47.9   | 48.3   | 48.4   | 48.7   | 48.9   | 49.2   | 49.2   | 49.3   | 49.3   | 49.4   | 49.4   |
| 105°   | 62.7   | 62.9   | 63.0   | 63.1   | 63.3   | 63.3   | 63.5   | 63.6   | 63.8   | 63.9   | 63.9   |
| 107.5° | 78.8   | 79.0   | 79.0   | 79.0   | 79.0   | 79.0   | 79.0   | 79.1   | 79.2   | 79.2   | 79.1   |
| 110°   | 89.4   | 89.6   | 89.6   | 89.6   | 89.6   | 89.6   | 89.6   | 89.6   | 89.6   | 89.6   | 89.5   |



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**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 100.4 | 100.6 | 100.5 | 100.5 | 100.4 | 100.4 | 100.3 | 100.1 | 100.0 | 99.8  | 99.6  |
| 115°   | 116.8 | 116.9 | 116.8 | 116.6 | 116.5 | 116.3 | 116.3 | 116.3 | 116.2 | 116.1 | 116.0 |
| 117.5° | 133.5 | 133.6 | 133.2 | 132.9 | 132.5 | 132.2 | 132.0 | 131.8 | 131.7 | 131.5 | 131.3 |
| 120°   | 144.3 | 144.3 | 143.8 | 143.3 | 142.8 | 142.3 | 142.3 | 142.3 | 142.3 | 142.3 | 142.2 |
| 122.5° | 154.7 | 154.8 | 154.4 | 154.1 | 153.7 | 153.4 | 153.2 | 153.0 | 152.9 | 152.7 | 152.6 |
| 125°   | 169.9 | 170.2 | 169.9 | 169.7 | 169.6 | 169.3 | 169.2 | 169.0 | 168.8 | 168.6 | 168.4 |
| 127.5° | 185.6 | 185.8 | 185.6 | 185.4 | 185.2 | 184.9 | 184.7 | 184.5 | 184.3 | 184.0 | 183.8 |
| 130°   | 195.4 | 195.8 | 195.7 | 195.6 | 195.4 | 195.3 | 195.2 | 195.0 | 194.9 | 194.8 | 194.6 |
| 132.5° | 205.5 | 205.8 | 205.8 | 205.9 | 205.9 | 205.9 | 205.6 | 205.3 | 205.0 | 204.8 | 204.6 |
| 135°   | 219.7 | 220.1 | 220.3 | 220.4 | 220.5 | 220.6 | 220.5 | 220.5 | 220.5 | 220.4 | 220.3 |
| 137.5° | 234.2 | 234.5 | 234.6 | 234.8 | 235.0 | 235.1 | 235.1 | 235.1 | 235.0 | 235.0 | 234.8 |
| 140°   | 243.1 | 243.5 | 243.9 | 244.2 | 244.5 | 244.8 | 244.8 | 244.8 | 244.8 | 244.8 | 244.7 |
| 142.5° | 252.3 | 252.7 | 252.9 | 253.2 | 253.4 | 253.6 | 253.6 | 253.7 | 253.7 | 253.8 | 253.7 |
| 145°   | 265.1 | 265.5 | 265.9 | 266.3 | 266.6 | 267.0 | 267.1 | 267.2 | 267.2 | 267.3 | 267.2 |
| 147.5° | 277.2 | 277.6 | 277.9 | 278.2 | 278.4 | 278.7 | 278.8 | 278.9 | 279.1 | 279.2 | 279.2 |
| 150°   | 284.7 | 285.0 | 285.3 | 285.5 | 285.8 | 286.0 | 286.3 | 286.4 | 286.6 | 286.8 | 286.8 |
| 152.5° | 291.8 | 292.2 | 292.4 | 292.8 | 293.1 | 293.4 | 293.7 | 293.9 | 294.2 | 294.4 | 294.4 |
| 155°   | 301.7 | 302.0 | 302.1 | 302.3 | 302.6 | 302.7 | 303.0 | 303.4 | 303.7 | 304.0 | 304.1 |
| 157.5° | 310.7 | 310.8 | 311.0 | 311.0 | 311.1 | 311.3 | 311.7 | 312.1 | 312.6 | 313.0 | 313.1 |
| 160°   | 316.2 | 316.3 | 316.3 | 316.4 | 316.5 | 316.6 | 316.9 | 317.3 | 317.7 | 318.1 | 318.1 |
| 162.5° | 320.9 | 320.9 | 321.0 | 321.1 | 321.1 | 321.1 | 321.6 | 322.0 | 322.5 | 322.9 | 322.9 |
| 165°   | 327.3 | 327.2 | 327.2 | 327.2 | 327.2 | 327.2 | 327.7 | 328.1 | 328.6 | 329.0 | 329.1 |
| 167.5° | 332.4 | 332.3 | 332.2 | 332.2 | 332.2 | 332.2 | 332.6 | 333.1 | 333.5 | 334.0 | 334.1 |
| 170°   | 335.4 | 335.3 | 335.2 | 335.1 | 335.1 | 335.0 | 335.4 | 335.9 | 336.3 | 336.8 | 336.8 |
| 172.5° | 337.5 | 337.3 | 337.3 | 337.2 | 337.1 | 337.0 | 337.5 | 337.9 | 338.4 | 338.8 | 338.9 |
| 175°   | 340.0 | 339.8 | 339.7 | 339.6 | 339.4 | 339.3 | 339.7 | 340.2 | 340.6 | 341.1 | 341.1 |
| 177.5° | 341.2 | 341.0 | 341.0 | 340.9 | 340.7 | 340.6 | 341.0 | 341.3 | 341.5 | 341.9 | 341.9 |
| 180°   | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |



TEST NUMBER: P331736-930

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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5°   | 1726.6 | 1727.6 | 1726.2 | 1727.1 | 1726.2 | 1727.6 | 1726.6 | 1732.1 | 1733.1 | 1734.1 | 1733.1 |
| 5°     | 1608.7 | 1601.2 | 1600.0 | 1598.1 | 1600.0 | 1601.2 | 1608.7 | 1611.9 | 1614.4 | 1619.4 | 1628.2 |
| 7.5°   | 1468.1 | 1467.0 | 1463.9 | 1459.5 | 1463.9 | 1467.0 | 1468.1 | 1478.8 | 1487.4 | 1497.1 | 1514.9 |
| 10°    | 1377.6 | 1374.5 | 1373.9 | 1369.5 | 1373.9 | 1374.5 | 1377.6 | 1391.4 | 1401.3 | 1415.1 | 1439.5 |
| 12.5°  | 1271.6 | 1251.6 | 1249.4 | 1238.5 | 1249.4 | 1251.6 | 1271.6 | 1289.4 | 1316.4 | 1329.7 | 1355.5 |
| 15°    | 1082.7 | 1079.0 | 1066.5 | 1058.3 | 1066.5 | 1079.0 | 1082.7 | 1097.7 | 1107.7 | 1143.9 | 1185.9 |
| 17.5°  | 974.8  | 962.5  | 958.6  | 956.9  | 958.6  | 962.5  | 974.8  | 982.0  | 996.3  | 1015.4 | 1040.6 |
| 20°    | 905.3  | 894.1  | 892.2  | 891.0  | 892.2  | 894.1  | 905.3  | 914.0  | 925.3  | 945.9  | 972.2  |
| 22.5°  | 857.3  | 845.5  | 840.7  | 836.9  | 840.7  | 845.5  | 857.3  | 864.1  | 874.3  | 890.4  | 908.2  |
| 25°    | 775.3  | 770.9  | 768.5  | 767.2  | 768.5  | 770.9  | 775.3  | 781.6  | 791.6  | 813.4  | 832.2  |
| 27.5°  | 711.3  | 701.6  | 699.8  | 696.5  | 699.8  | 701.6  | 711.3  | 722.4  | 732.7  | 742.6  | 759.4  |
| 30°    | 674.7  | 671.6  | 667.2  | 663.5  | 667.2  | 671.6  | 674.7  | 680.4  | 687.2  | 704.1  | 720.4  |
| 32.5°  | 631.8  | 629.2  | 625.3  | 623.5  | 625.3  | 629.2  | 631.8  | 639.4  | 653.8  | 664.1  | 675.9  |
| 35°    | 584.2  | 575.4  | 571.7  | 566.1  | 571.7  | 575.4  | 584.2  | 590.4  | 596.1  | 604.8  | 626.0  |
| 37.5°  | 533.8  | 529.2  | 523.9  | 525.8  | 523.9  | 529.2  | 533.8  | 536.5  | 548.3  | 560.4  | 569.6  |
| 40°    | 494.8  | 491.7  | 490.5  | 489.8  | 490.5  | 491.7  | 494.8  | 503.0  | 517.3  | 522.9  | 536.7  |
| 42.5°  | 463.8  | 455.2  | 451.9  | 451.8  | 451.9  | 455.2  | 463.8  | 473.0  | 481.8  | 491.0  | 505.2  |
| 45°    | 416.7  | 408.6  | 403.0  | 403.6  | 403.0  | 408.6  | 416.7  | 419.9  | 427.4  | 445.5  | 453.6  |
| 47.5°  | 368.5  | 368.3  | 364.8  | 365.8  | 364.8  | 368.3  | 368.5  | 373.9  | 383.5  | 394.6  | 407.6  |
| 50°    | 345.5  | 341.8  | 339.2  | 339.9  | 339.2  | 341.8  | 345.5  | 349.8  | 355.5  | 361.1  | 381.1  |
| 52.5°  | 323.5  | 320.2  | 318.3  | 320.9  | 318.3  | 320.2  | 323.5  | 325.9  | 330.0  | 335.7  | 349.1  |
| 55°    | 287.4  | 283.6  | 283.0  | 282.4  | 283.0  | 283.6  | 287.4  | 290.5  | 295.5  | 299.9  | 306.1  |
| 57.5°  | 247.0  | 244.5  | 240.8  | 239.1  | 240.8  | 244.5  | 247.0  | 251.7  | 257.6  | 263.4  | 269.9  |
| 60°    | 218.0  | 213.0  | 206.8  | 206.2  | 206.8  | 213.0  | 218.0  | 226.2  | 228.7  | 237.4  | 244.9  |
| 62.5°  | 191.5  | 190.5  | 189.3  | 189.1  | 189.3  | 190.5  | 191.5  | 194.2  | 197.7  | 210.4  | 219.4  |
| 65°    | 168.0  | 167.5  | 168.0  | 168.7  | 168.0  | 167.5  | 168.0  | 169.3  | 169.9  | 171.2  | 175.0  |
| 67.5°  | 146.4  | 145.3  | 144.2  | 144.7  | 144.2  | 145.3  | 146.4  | 146.7  | 148.5  | 149.2  | 151.8  |
| 70°    | 130.0  | 129.3  | 128.7  | 128.7  | 128.7  | 129.3  | 130.0  | 131.2  | 132.5  | 133.7  | 136.8  |
| 72.5°  | 114.0  | 113.8  | 113.2  | 112.7  | 113.2  | 113.8  | 114.0  | 116.2  | 117.0  | 118.2  | 120.3  |
| 75°    | 91.2   | 89.9   | 89.9   | 89.9   | 89.9   | 89.9   | 91.2   | 91.8   | 92.5   | 94.3   | 95.6   |
| 77.5°  | 69.5   | 68.8   | 68.2   | 67.8   | 68.2   | 68.8   | 69.5   | 69.6   | 70.6   | 71.0   | 72.3   |
| 80°    | 55.0   | 54.4   | 53.7   | 53.7   | 53.7   | 54.4   | 55.0   | 55.6   | 55.6   | 57.5   | 56.8   |
| 82.5°  | 42.0   | 41.3   | 41.3   | 40.8   | 41.3   | 41.3   | 42.0   | 42.1   | 42.1   | 43.5   | 43.4   |
| 85°    | 22.5   | 23.2   | 22.5   | 23.7   | 22.5   | 23.2   | 22.5   | 21.9   | 22.5   | 23.7   | 23.7   |
| 87.5°  | 8.4    | 7.9    | 8.5    | 8.0    | 8.5    | 7.9    | 8.4    | 8.4    | 8.9    | 9.0    | 9.0    |
| 90°    | 9.6    | 9.7    | 9.7    | 9.8    | 9.7    | 9.7    | 9.6    | 9.5    | 9.5    | 9.7    | 9.9    |
| 92.5°  | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.2    | 9.2    |
| 95°    | 18.3   | 18.1   | 18.0   | 17.9   | 18.0   | 18.1   | 18.3   | 18.3   | 18.4   | 18.4   | 18.4   |
| 97.5°  | 31.0   | 31.0   | 31.0   | 30.9   | 31.0   | 31.0   | 31.0   | 31.0   | 31.0   | 31.0   | 31.0   |
| 100°   | 39.6   | 39.6   | 39.5   | 39.5   | 39.5   | 39.6   | 39.6   | 39.7   | 39.8   | 39.8   | 39.8   |
| 102.5° | 49.3   | 49.2   | 49.2   | 49.2   | 49.2   | 49.2   | 49.3   | 49.4   | 49.4   | 49.3   | 49.3   |
| 105°   | 63.9   | 63.9   | 63.9   | 63.9   | 63.9   | 63.9   | 63.9   | 63.9   | 63.9   | 63.8   | 63.6   |
| 107.5° | 78.8   | 78.5   | 78.2   | 77.9   | 78.2   | 78.5   | 78.8   | 79.1   | 79.2   | 79.2   | 79.1   |
| 110°   | 89.3   | 89.1   | 88.9   | 88.7   | 88.9   | 89.1   | 89.3   | 89.5   | 89.6   | 89.6   | 89.6   |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 99.5  | 99.4  | 99.2  | 99.1  | 99.2  | 99.4  | 99.5  | 99.6  | 99.8  | 100.0 | 100.1 |
| 115°   | 115.8 | 115.6 | 115.4 | 115.2 | 115.4 | 115.6 | 115.8 | 116.0 | 116.1 | 116.2 | 116.3 |
| 117.5° | 131.2 | 131.0 | 130.8 | 130.6 | 130.8 | 131.0 | 131.2 | 131.3 | 131.5 | 131.7 | 131.8 |
| 120°   | 142.0 | 141.8 | 141.6 | 141.5 | 141.6 | 141.8 | 142.0 | 142.2 | 142.3 | 142.3 | 142.3 |
| 122.5° | 152.5 | 152.3 | 152.1 | 152.1 | 152.1 | 152.3 | 152.5 | 152.6 | 152.7 | 152.9 | 153.0 |
| 125°   | 168.4 | 168.4 | 168.3 | 168.2 | 168.3 | 168.4 | 168.4 | 168.4 | 168.6 | 168.8 | 169.0 |
| 127.5° | 183.6 | 183.4 | 183.2 | 183.0 | 183.2 | 183.4 | 183.6 | 183.8 | 184.0 | 184.3 | 184.5 |
| 130°   | 194.4 | 194.0 | 193.8 | 193.6 | 193.8 | 194.0 | 194.4 | 194.6 | 194.8 | 194.9 | 195.0 |
| 132.5° | 204.3 | 204.2 | 203.9 | 203.7 | 203.9 | 204.2 | 204.3 | 204.6 | 204.8 | 205.0 | 205.3 |
| 135°   | 220.0 | 219.9 | 219.7 | 219.5 | 219.7 | 219.9 | 220.0 | 220.3 | 220.4 | 220.5 | 220.5 |
| 137.5° | 234.6 | 234.3 | 234.1 | 233.7 | 234.1 | 234.3 | 234.6 | 234.8 | 235.0 | 235.0 | 235.1 |
| 140°   | 244.4 | 244.2 | 243.9 | 243.7 | 243.9 | 244.2 | 244.4 | 244.7 | 244.8 | 244.8 | 244.8 |
| 142.5° | 253.5 | 253.2 | 252.9 | 252.7 | 252.9 | 253.2 | 253.5 | 253.7 | 253.8 | 253.7 | 253.7 |
| 145°   | 266.9 | 266.7 | 266.4 | 266.1 | 266.4 | 266.7 | 266.9 | 267.2 | 267.3 | 267.2 | 267.2 |
| 147.5° | 278.9 | 278.7 | 278.4 | 278.2 | 278.4 | 278.7 | 278.9 | 279.2 | 279.2 | 279.1 | 278.9 |
| 150°   | 286.6 | 286.4 | 286.3 | 286.0 | 286.3 | 286.4 | 286.6 | 286.8 | 286.8 | 286.6 | 286.4 |
| 152.5° | 294.2 | 293.9 | 293.7 | 293.4 | 293.7 | 293.9 | 294.2 | 294.4 | 294.4 | 294.2 | 293.9 |
| 155°   | 303.9 | 303.7 | 303.5 | 303.3 | 303.5 | 303.7 | 303.9 | 304.1 | 304.0 | 303.7 | 303.4 |
| 157.5° | 312.7 | 312.4 | 312.2 | 311.9 | 312.2 | 312.4 | 312.7 | 313.1 | 313.0 | 312.6 | 312.1 |
| 160°   | 317.9 | 317.6 | 317.4 | 317.2 | 317.4 | 317.6 | 317.9 | 318.1 | 318.1 | 317.7 | 317.3 |
| 162.5° | 322.7 | 322.4 | 322.0 | 321.7 | 322.0 | 322.4 | 322.7 | 322.9 | 322.9 | 322.5 | 322.0 |
| 165°   | 328.7 | 328.4 | 328.1 | 327.8 | 328.1 | 328.4 | 328.7 | 329.1 | 329.0 | 328.6 | 328.1 |
| 167.5° | 333.8 | 333.4 | 333.0 | 332.7 | 333.0 | 333.4 | 333.8 | 334.1 | 334.0 | 333.5 | 333.1 |
| 170°   | 336.5 | 336.1 | 335.7 | 335.3 | 335.7 | 336.1 | 336.5 | 336.8 | 336.8 | 336.3 | 335.9 |
| 172.5° | 338.5 | 338.1 | 337.8 | 337.4 | 337.8 | 338.1 | 338.5 | 338.9 | 338.8 | 338.4 | 337.9 |
| 175°   | 340.8 | 340.4 | 340.0 | 339.6 | 340.0 | 340.4 | 340.8 | 341.1 | 341.1 | 340.6 | 340.2 |
| 177.5° | 341.5 | 341.3 | 341.0 | 340.6 | 341.0 | 341.3 | 341.5 | 341.9 | 341.9 | 341.5 | 341.3 |
| 180°   | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5°   | 1729.1 | 1736.1 | 1746.6 | 1752.6 | 1762.6 | 1769.1 | 1772.6 | 1779.1 | 1782.6 | 1795.1 | 1808.1 |
| 5°     | 1632.6 | 1642.5 | 1660.0 | 1676.3 | 1693.8 | 1711.9 | 1725.0 | 1740.0 | 1753.7 | 1777.4 | 1802.5 |
| 7.5°   | 1521.8 | 1535.7 | 1562.8 | 1588.7 | 1619.2 | 1644.8 | 1667.4 | 1693.0 | 1715.9 | 1749.9 | 1785.3 |
| 10°    | 1438.8 | 1463.2 | 1498.8 | 1523.2 | 1563.2 | 1588.8 | 1624.4 | 1652.5 | 1684.4 | 1729.3 | 1769.4 |
| 12.5°  | 1367.3 | 1396.8 | 1425.4 | 1459.2 | 1495.2 | 1537.8 | 1577.0 | 1613.1 | 1650.9 | 1697.4 | 1744.3 |
| 15°    | 1237.7 | 1280.2 | 1324.5 | 1358.9 | 1407.6 | 1452.6 | 1498.2 | 1546.9 | 1593.2 | 1648.8 | 1710.0 |
| 17.5°  | 1070.7 | 1120.0 | 1194.6 | 1253.4 | 1310.7 | 1355.8 | 1412.3 | 1471.2 | 1525.7 | 1592.8 | 1660.9 |
| 20°    | 995.2  | 1031.5 | 1082.1 | 1161.5 | 1247.7 | 1295.8 | 1353.2 | 1418.2 | 1480.7 | 1553.8 | 1626.9 |
| 22.5°  | 934.7  | 967.0  | 1007.6 | 1069.5 | 1165.7 | 1231.3 | 1291.3 | 1357.2 | 1429.7 | 1504.3 | 1585.4 |
| 25°    | 848.4  | 870.9  | 913.4  | 963.4  | 1029.6 | 1137.7 | 1203.3 | 1269.5 | 1348.3 | 1428.2 | 1520.7 |
| 27.5°  | 783.6  | 803.8  | 831.4  | 879.1  | 928.4  | 1006.0 | 1110.4 | 1182.6 | 1261.0 | 1351.0 | 1447.0 |
| 30°    | 734.1  | 757.8  | 788.5  | 822.2  | 876.0  | 936.5  | 1040.9 | 1124.6 | 1202.1 | 1294.5 | 1397.0 |
| 32.5°  | 698.1  | 716.9  | 743.0  | 777.2  | 822.0  | 880.0  | 963.4  | 1065.1 | 1140.6 | 1238.0 | 1345.0 |
| 35°    | 639.1  | 661.0  | 682.2  | 714.8  | 751.0  | 804.0  | 867.2  | 975.9  | 1050.8 | 1147.0 | 1254.5 |
| 37.5°  | 590.5  | 603.9  | 627.4  | 653.1  | 691.4  | 731.0  | 785.7  | 883.2  | 964.3  | 1058.7 | 1168.7 |
| 40°    | 553.5  | 570.4  | 587.9  | 616.6  | 647.9  | 686.0  | 739.7  | 812.2  | 905.3  | 997.8  | 1105.2 |
| 42.5°  | 517.6  | 538.9  | 557.4  | 576.7  | 610.9  | 649.0  | 692.8  | 754.2  | 849.3  | 936.8  | 1041.2 |
| 45°    | 474.2  | 488.0  | 507.3  | 528.6  | 556.7  | 589.1  | 627.9  | 681.6  | 772.8  | 848.4  | 946.6  |
| 47.5°  | 423.7  | 443.8  | 456.5  | 477.2  | 503.9  | 534.9  | 571.0  | 617.4  | 691.2  | 762.1  | 853.0  |
| 50°    | 389.2  | 409.9  | 428.0  | 446.7  | 470.4  | 500.4  | 530.4  | 575.4  | 634.8  | 709.1  | 794.1  |
| 52.5°  | 359.7  | 377.9  | 395.5  | 414.3  | 437.5  | 465.0  | 493.4  | 533.0  | 583.8  | 652.2  | 734.6  |
| 55°    | 319.3  | 330.5  | 348.6  | 367.4  | 388.0  | 414.3  | 441.7  | 474.8  | 518.5  | 576.0  | 642.9  |
| 57.5°  | 277.8  | 290.7  | 305.2  | 324.0  | 344.9  | 365.0  | 389.7  | 419.7  | 454.2  | 506.2  | 563.5  |
| 60°    | 254.3  | 264.2  | 276.1  | 295.5  | 314.9  | 333.0  | 356.8  | 381.7  | 414.3  | 459.2  | 507.9  |
| 62.5°  | 228.3  | 237.8  | 248.7  | 265.5  | 284.4  | 301.0  | 321.7  | 348.2  | 375.8  | 416.7  | 459.4  |
| 65°    | 184.9  | 198.7  | 209.3  | 224.3  | 239.9  | 257.4  | 273.6  | 294.9  | 319.3  | 351.7  | 389.9  |
| 67.5°  | 153.4  | 160.3  | 170.2  | 183.8  | 199.8  | 214.8  | 230.2  | 246.8  | 267.9  | 293.0  | 323.3  |
| 70°    | 139.3  | 141.9  | 143.7  | 156.8  | 171.8  | 186.8  | 201.2  | 216.8  | 234.9  | 255.5  | 281.8  |
| 72.5°  | 122.9  | 125.3  | 127.7  | 133.3  | 145.3  | 160.3  | 175.2  | 186.8  | 203.9  | 221.0  | 242.3  |
| 75°    | 97.4   | 101.2  | 103.1  | 106.2  | 110.6  | 120.6  | 134.4  | 145.5  | 155.6  | 168.7  | 185.6  |
| 77.5°  | 74.2   | 76.3   | 78.4   | 81.6   | 84.4   | 88.9   | 96.7   | 106.8  | 116.2  | 123.8  | 135.4  |
| 80°    | 58.7   | 59.4   | 61.9   | 63.1   | 66.9   | 70.0   | 73.7   | 81.9   | 91.2   | 94.3   | 102.5  |
| 82.5°  | 44.3   | 44.8   | 46.9   | 48.1   | 49.9   | 52.5   | 57.2   | 59.4   | 66.7   | 70.8   | 76.0   |
| 85°    | 24.4   | 23.7   | 25.6   | 25.6   | 26.9   | 28.1   | 29.4   | 32.4   | 34.3   | 39.4   | 40.6   |
| 87.5°  | 9.5    | 9.5    | 9.7    | 9.5    | 9.1    | 9.9    | 10.2   | 10.5   | 11.3   | 12.7   | 14.5   |
| 90°    | 9.9    | 10.1   | 8.6    | 7.3    | 5.9    | 4.5    | 3.3    | 2.6    | 1.8    | 1.1    | 0.3    |
| 92.5°  | 9.2    | 9.1    | 8.8    | 8.5    | 8.2    | 7.8    | 7.4    | 6.8    | 6.3    | 5.7    | 5.1    |
| 95°    | 18.4   | 18.4   | 18.3   | 18.2   | 18.0   | 17.9   | 17.5   | 16.9   | 16.2   | 15.7   | 15.0   |
| 97.5°  | 31.0   | 31.0   | 30.7   | 30.5   | 30.2   | 30.0   | 29.6   | 29.0   | 28.5   | 28.0   | 27.4   |
| 100°   | 39.8   | 39.8   | 39.5   | 39.4   | 39.1   | 39.0   | 38.6   | 38.2   | 37.6   | 37.1   | 36.6   |
| 102.5° | 49.2   | 49.2   | 48.9   | 48.7   | 48.4   | 48.3   | 47.9   | 47.5   | 47.0   | 46.6   | 46.2   |
| 105°   | 63.5   | 63.3   | 63.3   | 63.1   | 63.0   | 62.9   | 62.7   | 62.5   | 62.3   | 62.1   | 62.0   |
| 107.5° | 79.0   | 79.0   | 79.0   | 79.0   | 79.0   | 79.0   | 78.8   | 78.6   | 78.3   | 78.0   | 77.7   |
| 110°   | 89.6   | 89.6   | 89.6   | 89.6   | 89.6   | 89.6   | 89.4   | 89.0   | 88.6   | 88.2   | 87.9   |



TEST NUMBER: P331736-930

CATALOG NUMBER: SA2XXRDIP-C1005D330U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 100.3 | 100.4 | 100.4 | 100.5 | 100.5 | 100.6 | 100.4 | 100.0 | 99.7  | 99.3  | 98.9  |
| 115°   | 116.3 | 116.3 | 116.5 | 116.6 | 116.8 | 116.9 | 116.8 | 116.3 | 116.0 | 115.6 | 115.2 |
| 117.5° | 132.0 | 132.2 | 132.5 | 132.9 | 133.2 | 133.6 | 133.5 | 133.0 | 132.5 | 132.0 | 131.4 |
| 120°   | 142.3 | 142.3 | 142.8 | 143.3 | 143.8 | 144.3 | 144.3 | 143.8 | 143.3 | 142.8 | 142.3 |
| 122.5° | 153.2 | 153.4 | 153.7 | 154.1 | 154.4 | 154.8 | 154.7 | 154.0 | 153.4 | 152.8 | 152.2 |
| 125°   | 169.2 | 169.3 | 169.6 | 169.7 | 169.9 | 170.2 | 169.9 | 169.3 | 168.8 | 168.2 | 167.6 |
| 127.5° | 184.7 | 184.9 | 185.2 | 185.4 | 185.6 | 185.8 | 185.6 | 184.8 | 184.2 | 183.4 | 182.7 |
| 130°   | 195.2 | 195.3 | 195.4 | 195.6 | 195.7 | 195.8 | 195.4 | 194.6 | 193.8 | 193.0 | 192.2 |
| 132.5° | 205.6 | 205.9 | 205.9 | 205.9 | 205.8 | 205.8 | 205.5 | 204.7 | 204.1 | 203.4 | 202.8 |
| 135°   | 220.5 | 220.6 | 220.5 | 220.4 | 220.3 | 220.1 | 219.7 | 219.0 | 218.3 | 217.6 | 216.9 |
| 137.5° | 235.1 | 235.1 | 235.0 | 234.8 | 234.6 | 234.5 | 234.2 | 233.6 | 232.9 | 232.4 | 231.8 |
| 140°   | 244.8 | 244.8 | 244.5 | 244.2 | 243.9 | 243.5 | 243.1 | 242.6 | 242.0 | 241.4 | 240.8 |
| 142.5° | 253.6 | 253.6 | 253.4 | 253.2 | 252.9 | 252.7 | 252.3 | 251.8 | 251.2 | 250.6 | 250.1 |
| 145°   | 267.1 | 267.0 | 266.6 | 266.3 | 265.9 | 265.5 | 265.1 | 264.6 | 264.2 | 263.7 | 263.3 |
| 147.5° | 278.8 | 278.7 | 278.4 | 278.2 | 277.9 | 277.6 | 277.2 | 276.7 | 276.1 | 275.7 | 275.1 |
| 150°   | 286.3 | 286.0 | 285.8 | 285.5 | 285.3 | 285.0 | 284.7 | 284.3 | 283.9 | 283.6 | 283.2 |
| 152.5° | 293.7 | 293.4 | 293.1 | 292.8 | 292.4 | 292.2 | 291.8 | 291.5 | 291.1 | 290.7 | 290.3 |
| 155°   | 303.0 | 302.7 | 302.6 | 302.3 | 302.1 | 302.0 | 301.7 | 301.6 | 301.4 | 301.2 | 301.0 |
| 157.5° | 311.7 | 311.3 | 311.1 | 311.0 | 311.0 | 310.8 | 310.7 | 310.5 | 310.4 | 310.3 | 310.1 |
| 160°   | 316.9 | 316.6 | 316.5 | 316.4 | 316.3 | 316.3 | 316.2 | 316.1 | 315.9 | 315.8 | 315.7 |
| 162.5° | 321.6 | 321.1 | 321.1 | 321.1 | 321.0 | 320.9 | 320.9 | 320.8 | 320.8 | 320.8 | 320.7 |
| 165°   | 327.7 | 327.2 | 327.2 | 327.2 | 327.2 | 327.2 | 327.3 | 327.3 | 327.3 | 327.4 | 327.5 |
| 167.5° | 332.6 | 332.2 | 332.2 | 332.2 | 332.2 | 332.3 | 332.4 | 332.6 | 332.8 | 333.0 | 333.1 |
| 170°   | 335.4 | 335.0 | 335.1 | 335.1 | 335.2 | 335.3 | 335.4 | 335.6 | 335.7 | 336.0 | 336.1 |
| 172.5° | 337.5 | 337.0 | 337.1 | 337.2 | 337.3 | 337.3 | 337.5 | 337.6 | 337.9 | 338.0 | 338.2 |
| 175°   | 339.7 | 339.3 | 339.4 | 339.6 | 339.7 | 339.8 | 340.0 | 340.1 | 340.4 | 340.6 | 340.8 |
| 177.5° | 341.0 | 340.6 | 340.7 | 340.9 | 341.0 | 341.0 | 341.2 | 341.4 | 341.4 | 341.6 | 341.8 |
| 180°   | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |



TEST NUMBER: P331736-930

CATALOG NUMBER: SA2XXRDIP-C1005D330U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5°   | 1808.6 | 1810.0 | 1820.1 | 1824.6 | 1833.6 | 1837.0 | 1841.1 | 1840.0 | 1840.0 | 1842.1 | 1856.0 |
| 5°     | 1812.5 | 1825.0 | 1843.7 | 1861.8 | 1879.3 | 1894.3 | 1904.3 | 1914.3 | 1918.1 | 1936.2 | 1952.4 |
| 7.5°   | 1806.0 | 1829.0 | 1859.9 | 1887.6 | 1920.7 | 1946.5 | 1968.1 | 1987.4 | 2000.7 | 2027.0 | 2054.0 |
| 10°    | 1797.5 | 1829.9 | 1864.9 | 1900.5 | 1946.1 | 1980.5 | 2015.5 | 2042.4 | 2051.1 | 2090.5 | 2113.0 |
| 12.5°  | 1780.5 | 1824.0 | 1868.4 | 1914.6 | 1959.2 | 2006.5 | 2045.0 | 2071.8 | 2102.6 | 2138.0 | 2179.5 |
| 15°    | 1755.0 | 1805.0 | 1863.0 | 1922.4 | 1986.2 | 2043.6 | 2084.9 | 2131.7 | 2165.4 | 2204.2 | 2240.4 |
| 17.5°  | 1718.4 | 1782.7 | 1856.6 | 1925.3 | 1999.0 | 2060.8 | 2117.5 | 2162.4 | 2186.2 | 2208.3 | 2213.7 |
| 20°    | 1689.4 | 1758.8 | 1845.6 | 1926.8 | 2000.5 | 2071.8 | 2127.9 | 2165.4 | 2171.7 | 2172.3 | 2139.2 |
| 22.5°  | 1657.9 | 1736.3 | 1827.1 | 1910.3 | 1998.5 | 2077.7 | 2121.5 | 2137.5 | 2112.7 | 2070.4 | 2006.3 |
| 25°    | 1600.0 | 1690.6 | 1796.2 | 1891.2 | 1987.4 | 2062.4 | 2077.4 | 2049.3 | 1962.4 | 1871.2 | 1755.6 |
| 27.5°  | 1537.3 | 1639.2 | 1752.3 | 1857.9 | 1960.4 | 2006.9 | 1974.5 | 1873.2 | 1716.8 | 1580.8 | 1416.0 |
| 30°    | 1491.3 | 1605.7 | 1716.9 | 1834.9 | 1929.9 | 1949.9 | 1875.6 | 1726.2 | 1543.8 | 1338.9 | 1174.6 |
| 32.5°  | 1438.8 | 1558.7 | 1680.9 | 1803.0 | 1882.4 | 1863.0 | 1740.1 | 1556.3 | 1342.4 | 1140.9 | 985.6  |
| 35°    | 1363.8 | 1487.6 | 1619.4 | 1741.9 | 1792.4 | 1708.1 | 1524.4 | 1285.2 | 1066.5 | 878.4  | 771.6  |
| 37.5°  | 1277.2 | 1412.0 | 1549.1 | 1661.5 | 1657.9 | 1517.4 | 1267.1 | 1020.1 | 836.3  | 725.1  | 649.0  |
| 40°    | 1215.8 | 1352.0 | 1500.1 | 1595.1 | 1554.4 | 1371.3 | 1100.2 | 867.2  | 732.9  | 644.2  | 588.6  |
| 42.5°  | 1156.8 | 1293.6 | 1440.6 | 1516.0 | 1445.4 | 1220.4 | 950.3  | 767.7  | 656.9  | 587.7  | 542.6  |
| 45°    | 1056.5 | 1200.8 | 1337.0 | 1378.8 | 1252.6 | 1004.6 | 768.5  | 636.0  | 562.3  | 511.0  | 479.8  |
| 47.5°  | 958.4  | 1100.3 | 1224.7 | 1225.4 | 1054.8 | 814.7  | 648.2  | 550.4  | 487.5  | 447.8  | 425.1  |
| 50°    | 898.4  | 1033.4 | 1137.7 | 1121.4 | 927.8  | 724.7  | 579.8  | 495.5  | 443.0  | 412.4  | 388.6  |
| 52.5°  | 831.0  | 961.9  | 1052.2 | 1006.0 | 820.4  | 637.7  | 518.3  | 447.4  | 404.0  | 377.3  | 356.1  |
| 55°    | 732.9  | 849.1  | 912.8  | 842.8  | 669.1  | 530.4  | 438.0  | 382.4  | 349.8  | 327.3  | 309.2  |
| 57.5°  | 636.5  | 732.4  | 772.5  | 691.0  | 551.1  | 439.9  | 370.5  | 328.7  | 296.5  | 280.4  | 271.0  |
| 60°    | 576.0  | 657.9  | 686.0  | 596.1  | 479.2  | 384.8  | 328.0  | 289.3  | 265.5  | 254.9  | 245.6  |
| 62.5°  | 516.6  | 583.4  | 595.0  | 512.6  | 417.8  | 336.9  | 288.0  | 255.3  | 239.5  | 229.4  | 220.5  |
| 65°    | 428.6  | 476.7  | 471.1  | 404.9  | 330.5  | 267.4  | 231.8  | 211.8  | 199.9  | 185.6  | 169.9  |
| 67.5°  | 352.9  | 382.2  | 364.5  | 314.9  | 252.3  | 207.8  | 184.6  | 169.4  | 154.7  | 141.0  | 137.5  |
| 70°    | 304.9  | 321.7  | 303.0  | 257.4  | 206.8  | 174.3  | 155.6  | 137.5  | 128.7  | 125.6  | 119.9  |
| 72.5°  | 258.9  | 264.8  | 244.5  | 205.5  | 168.3  | 144.3  | 126.0  | 115.9  | 111.2  | 108.6  | 104.9  |
| 75°    | 194.3  | 190.0  | 172.4  | 141.9  | 116.8  | 100.6  | 95.0   | 91.2   | 88.1   | 85.6   | 83.7   |
| 77.5°  | 136.5  | 130.0  | 114.5  | 94.5   | 81.4   | 73.6   | 70.2   | 68.2   | 66.7   | 65.5   | 63.6   |
| 80°    | 102.5  | 98.1   | 82.5   | 67.5   | 61.9   | 58.1   | 56.3   | 53.7   | 53.7   | 52.5   | 50.6   |
| 82.5°  | 75.0   | 70.1   | 56.5   | 49.5   | 46.4   | 44.1   | 42.7   | 41.3   | 40.8   | 41.0   | 39.6   |
| 85°    | 39.4   | 31.9   | 28.1   | 26.9   | 25.0   | 23.7   | 24.4   | 23.2   | 23.2   | 23.2   | 22.5   |
| 87.5°  | 12.2   | 9.9    | 9.5    | 9.1    | 9.9    | 10.2   | 9.9    | 10.2   | 11.0   | 10.5   | 10.9   |
| 90°    | 1.1    | 1.8    | 2.6    | 3.3    | 4.5    | 5.9    | 7.3    | 8.6    | 10.1   | 9.9    | 9.9    |
| 92.5°  | 5.7    | 6.3    | 6.8    | 7.4    | 7.8    | 8.2    | 8.5    | 8.8    | 9.1    | 9.2    | 9.2    |
| 95°    | 15.7   | 16.2   | 16.9   | 17.5   | 17.9   | 18.0   | 18.2   | 18.3   | 18.4   | 18.4   | 18.4   |
| 97.5°  | 28.0   | 28.5   | 29.0   | 29.6   | 30.0   | 30.2   | 30.5   | 30.7   | 31.0   | 31.0   | 31.0   |
| 100°   | 37.1   | 37.6   | 38.2   | 38.6   | 39.0   | 39.1   | 39.4   | 39.5   | 39.8   | 39.8   | 39.8   |
| 102.5° | 46.6   | 47.0   | 47.5   | 47.9   | 48.3   | 48.4   | 48.7   | 48.9   | 49.2   | 49.2   | 49.3   |
| 105°   | 62.1   | 62.3   | 62.5   | 62.7   | 62.9   | 63.0   | 63.1   | 63.3   | 63.3   | 63.5   | 63.6   |
| 107.5° | 78.0   | 78.3   | 78.6   | 78.8   | 79.0   | 79.0   | 79.0   | 79.0   | 79.0   | 79.0   | 79.1   |
| 110°   | 88.2   | 88.6   | 89.0   | 89.4   | 89.6   | 89.6   | 89.6   | 89.6   | 89.6   | 89.6   | 89.6   |





TEST NUMBER: P331736-930

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**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 99.3  | 99.7  | 100.0 | 100.4 | 100.6 | 100.5 | 100.5 | 100.4 | 100.4 | 100.3 | 100.1 |
| 115°   | 115.6 | 116.0 | 116.3 | 116.8 | 116.9 | 116.8 | 116.6 | 116.5 | 116.3 | 116.3 | 116.3 |
| 117.5° | 132.0 | 132.5 | 133.0 | 133.5 | 133.6 | 133.2 | 132.9 | 132.5 | 132.2 | 132.0 | 131.8 |
| 120°   | 142.8 | 143.3 | 143.8 | 144.3 | 144.3 | 143.8 | 143.3 | 142.8 | 142.3 | 142.3 | 142.3 |
| 122.5° | 152.8 | 153.4 | 154.0 | 154.7 | 154.8 | 154.4 | 154.1 | 153.7 | 153.4 | 153.2 | 153.0 |
| 125°   | 168.2 | 168.8 | 169.3 | 169.9 | 170.2 | 169.9 | 169.7 | 169.6 | 169.3 | 169.2 | 169.0 |
| 127.5° | 183.4 | 184.2 | 184.8 | 185.6 | 185.8 | 185.6 | 185.4 | 185.2 | 184.9 | 184.7 | 184.5 |
| 130°   | 193.0 | 193.8 | 194.6 | 195.4 | 195.8 | 195.7 | 195.6 | 195.4 | 195.3 | 195.2 | 195.0 |
| 132.5° | 203.4 | 204.1 | 204.7 | 205.5 | 205.8 | 205.8 | 205.9 | 205.9 | 205.9 | 205.6 | 205.3 |
| 135°   | 217.6 | 218.3 | 219.0 | 219.7 | 220.1 | 220.3 | 220.4 | 220.5 | 220.6 | 220.5 | 220.5 |
| 137.5° | 232.4 | 232.9 | 233.6 | 234.2 | 234.5 | 234.6 | 234.8 | 235.0 | 235.1 | 235.1 | 235.1 |
| 140°   | 241.4 | 242.0 | 242.6 | 243.1 | 243.5 | 243.9 | 244.2 | 244.5 | 244.8 | 244.8 | 244.8 |
| 142.5° | 250.6 | 251.2 | 251.8 | 252.3 | 252.7 | 252.9 | 253.2 | 253.4 | 253.6 | 253.6 | 253.7 |
| 145°   | 263.7 | 264.2 | 264.6 | 265.1 | 265.5 | 265.9 | 266.3 | 266.6 | 267.0 | 267.1 | 267.2 |
| 147.5° | 275.7 | 276.1 | 276.7 | 277.2 | 277.6 | 277.9 | 278.2 | 278.4 | 278.7 | 278.8 | 278.9 |
| 150°   | 283.6 | 283.9 | 284.3 | 284.7 | 285.0 | 285.3 | 285.5 | 285.8 | 286.0 | 286.3 | 286.4 |
| 152.5° | 290.7 | 291.1 | 291.5 | 291.8 | 292.2 | 292.4 | 292.8 | 293.1 | 293.4 | 293.7 | 293.9 |
| 155°   | 301.2 | 301.4 | 301.6 | 301.7 | 302.0 | 302.1 | 302.3 | 302.6 | 302.7 | 303.0 | 303.4 |
| 157.5° | 310.3 | 310.4 | 310.5 | 310.7 | 310.8 | 311.0 | 311.0 | 311.1 | 311.3 | 311.7 | 312.1 |
| 160°   | 315.8 | 315.9 | 316.1 | 316.2 | 316.3 | 316.3 | 316.4 | 316.5 | 316.6 | 316.9 | 317.3 |
| 162.5° | 320.8 | 320.8 | 320.8 | 320.9 | 320.9 | 321.0 | 321.1 | 321.1 | 321.1 | 321.6 | 322.0 |
| 165°   | 327.4 | 327.3 | 327.3 | 327.3 | 327.2 | 327.2 | 327.2 | 327.2 | 327.2 | 327.7 | 328.1 |
| 167.5° | 333.0 | 332.8 | 332.6 | 332.4 | 332.3 | 332.2 | 332.2 | 332.2 | 332.2 | 332.6 | 333.1 |
| 170°   | 336.0 | 335.7 | 335.6 | 335.4 | 335.3 | 335.2 | 335.1 | 335.1 | 335.0 | 335.4 | 335.9 |
| 172.5° | 338.0 | 337.9 | 337.6 | 337.5 | 337.3 | 337.3 | 337.2 | 337.1 | 337.0 | 337.5 | 337.9 |
| 175°   | 340.6 | 340.4 | 340.1 | 340.0 | 339.8 | 339.7 | 339.6 | 339.4 | 339.3 | 339.7 | 340.2 |
| 177.5° | 341.6 | 341.4 | 341.4 | 341.2 | 341.0 | 341.0 | 340.9 | 340.7 | 340.6 | 341.0 | 341.3 |
| 180°   | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 | 1798.1 |
| 2.5°   | 1861.1 | 1867.5 | 1870.5 | 1870.5 | 1874.0 | 1872.6 | 1871.0 |
| 5°     | 1968.1 | 1979.9 | 1982.4 | 1993.7 | 2001.7 | 1999.3 | 2000.5 |
| 7.5°   | 2074.4 | 2093.4 | 2112.4 | 2121.0 | 2122.3 | 2127.4 | 2129.2 |
| 10°    | 2139.8 | 2155.5 | 2184.8 | 2180.4 | 2202.3 | 2214.8 | 2194.2 |
| 12.5°  | 2202.8 | 2223.9 | 2244.3 | 2249.9 | 2262.3 | 2266.3 | 2258.1 |
| 15°    | 2259.8 | 2271.0 | 2272.3 | 2269.1 | 2272.9 | 2269.8 | 2257.9 |
| 17.5°  | 2206.5 | 2188.3 | 2151.3 | 2133.8 | 2119.9 | 2099.5 | 2091.2 |
| 20°    | 2118.6 | 2064.8 | 2002.4 | 1977.4 | 1948.0 | 1890.5 | 1904.3 |
| 22.5°  | 1928.7 | 1867.4 | 1805.0 | 1732.0 | 1697.1 | 1642.7 | 1639.4 |
| 25°    | 1633.1 | 1527.5 | 1411.4 | 1330.2 | 1282.6 | 1228.3 | 1204.5 |
| 27.5°  | 1269.7 | 1136.9 | 1041.6 | 993.4  | 949.5  | 906.4  | 904.7  |
| 30°    | 1030.9 | 930.9  | 857.2  | 816.0  | 789.0  | 770.9  | 774.7  |
| 32.5°  | 868.9  | 800.5  | 750.7  | 716.5  | 696.6  | 683.0  | 682.7  |
| 35°    | 710.4  | 663.5  | 631.6  | 617.3  | 602.9  | 592.9  | 593.5  |
| 37.5°  | 607.9  | 579.8  | 562.1  | 546.2  | 537.2  | 532.3  | 529.5  |
| 40°    | 555.4  | 532.3  | 518.5  | 509.2  | 501.7  | 494.8  | 493.6  |
| 42.5°  | 514.0  | 494.8  | 481.1  | 473.7  | 466.7  | 461.9  | 460.6  |
| 45°    | 456.1  | 440.4  | 428.0  | 419.9  | 416.7  | 412.4  | 412.4  |
| 47.5°  | 405.7  | 390.4  | 380.6  | 375.5  | 370.1  | 367.2  | 367.1  |
| 50°    | 371.8  | 359.9  | 351.1  | 348.0  | 343.6  | 341.8  | 341.1  |
| 52.5°  | 341.3  | 332.4  | 326.1  | 324.0  | 322.1  | 319.8  | 320.2  |
| 55°    | 299.9  | 294.9  | 292.4  | 290.5  | 287.4  | 283.6  | 286.2  |
| 57.5°  | 265.1  | 260.8  | 254.0  | 248.2  | 245.3  | 242.6  | 243.7  |
| 60°    | 240.5  | 231.8  | 223.1  | 216.1  | 214.3  | 208.6  | 208.6  |
| 62.5°  | 209.5  | 197.3  | 186.5  | 182.7  | 180.8  | 178.2  | 177.7  |
| 65°    | 161.2  | 156.2  | 153.7  | 151.2  | 149.9  | 149.9  | 148.7  |
| 67.5°  | 133.5  | 131.6  | 128.8  | 128.2  | 126.9  | 126.6  | 126.2  |
| 70°    | 118.1  | 115.6  | 114.3  | 113.7  | 112.4  | 113.1  | 111.2  |
| 72.5°  | 103.1  | 101.1  | 100.9  | 99.2   | 98.5   | 98.6   | 97.2   |
| 75°    | 81.2   | 81.2   | 80.6   | 80.0   | 78.8   | 78.1   | 78.8   |
| 77.5°  | 62.5   | 62.6   | 61.5   | 61.4   | 61.2   | 61.4   | 60.7   |
| 80°    | 50.0   | 50.6   | 50.0   | 49.3   | 48.8   | 49.3   | 48.8   |
| 82.5°  | 39.5   | 38.6   | 38.5   | 38.4   | 38.2   | 37.8   | 37.7   |
| 85°    | 22.5   | 23.2   | 22.5   | 21.9   | 21.9   | 21.9   | 22.5   |
| 87.5°  | 10.4   | 10.4   | 10.4   | 10.4   | 10.4   | 10.4   | 9.9    |
| 90°    | 9.7    | 9.5    | 9.5    | 9.6    | 9.7    | 9.7    | 9.8    |
| 92.5°  | 9.2    | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    |
| 95°    | 18.4   | 18.4   | 18.3   | 18.3   | 18.1   | 18.0   | 17.9   |
| 97.5°  | 31.0   | 31.0   | 31.0   | 31.0   | 31.0   | 31.0   | 30.9   |
| 100°   | 39.8   | 39.8   | 39.7   | 39.6   | 39.6   | 39.5   | 39.5   |
| 102.5° | 49.3   | 49.4   | 49.4   | 49.3   | 49.2   | 49.2   | 49.2   |
| 105°   | 63.8   | 63.9   | 63.9   | 63.9   | 63.9   | 63.9   | 63.9   |
| 107.5° | 79.2   | 79.2   | 79.1   | 78.8   | 78.5   | 78.2   | 77.9   |
| 110°   | 89.6   | 89.6   | 89.5   | 89.3   | 89.1   | 88.9   | 88.7   |



TEST NUMBER: P331736-930

CATALOG NUMBER: SA2XXRDIP-C1005D330U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 100.0 | 99.8  | 99.6  | 99.5  | 99.4  | 99.2  | 99.1  |
| 115°   | 116.2 | 116.1 | 116.0 | 115.8 | 115.6 | 115.4 | 115.2 |
| 117.5° | 131.7 | 131.5 | 131.3 | 131.2 | 131.0 | 130.8 | 130.6 |
| 120°   | 142.3 | 142.3 | 142.2 | 142.0 | 141.8 | 141.6 | 141.5 |
| 122.5° | 152.9 | 152.7 | 152.6 | 152.5 | 152.3 | 152.1 | 152.1 |
| 125°   | 168.8 | 168.6 | 168.4 | 168.4 | 168.4 | 168.3 | 168.2 |
| 127.5° | 184.3 | 184.0 | 183.8 | 183.6 | 183.4 | 183.2 | 183.0 |
| 130°   | 194.9 | 194.8 | 194.6 | 194.4 | 194.0 | 193.8 | 193.6 |
| 132.5° | 205.0 | 204.8 | 204.6 | 204.3 | 204.2 | 203.9 | 203.7 |
| 135°   | 220.5 | 220.4 | 220.3 | 220.0 | 219.9 | 219.7 | 219.5 |
| 137.5° | 235.0 | 235.0 | 234.8 | 234.6 | 234.3 | 234.1 | 233.7 |
| 140°   | 244.8 | 244.8 | 244.7 | 244.4 | 244.2 | 243.9 | 243.7 |
| 142.5° | 253.7 | 253.8 | 253.7 | 253.5 | 253.2 | 252.9 | 252.7 |
| 145°   | 267.2 | 267.3 | 267.2 | 266.9 | 266.7 | 266.4 | 266.1 |
| 147.5° | 279.1 | 279.2 | 279.2 | 278.9 | 278.7 | 278.4 | 278.2 |
| 150°   | 286.6 | 286.8 | 286.8 | 286.6 | 286.4 | 286.3 | 286.0 |
| 152.5° | 294.2 | 294.4 | 294.4 | 294.2 | 293.9 | 293.7 | 293.4 |
| 155°   | 303.7 | 304.0 | 304.1 | 303.9 | 303.7 | 303.5 | 303.3 |
| 157.5° | 312.6 | 313.0 | 313.1 | 312.7 | 312.4 | 312.2 | 311.9 |
| 160°   | 317.7 | 318.1 | 318.1 | 317.9 | 317.6 | 317.4 | 317.2 |
| 162.5° | 322.5 | 322.9 | 322.9 | 322.7 | 322.4 | 322.0 | 321.7 |
| 165°   | 328.6 | 329.0 | 329.1 | 328.7 | 328.4 | 328.1 | 327.8 |
| 167.5° | 333.5 | 334.0 | 334.1 | 333.8 | 333.4 | 333.0 | 332.7 |
| 170°   | 336.3 | 336.8 | 336.8 | 336.5 | 336.1 | 335.7 | 335.3 |
| 172.5° | 338.4 | 338.8 | 338.9 | 338.5 | 338.1 | 337.8 | 337.4 |
| 175°   | 340.6 | 341.1 | 341.1 | 340.8 | 340.4 | 340.0 | 339.6 |
| 177.5° | 341.5 | 341.9 | 341.9 | 341.5 | 341.3 | 341.0 | 340.6 |
| 180°   | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |

(END OF REPORT)