

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: P331421-830

Luminaire Tested: **SA2XXDIP-C1005D330U830-4F0-1E-UDD-A1**

Issue Date: 10/7/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P331421-830  
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: SA2XXDIP-C1005D330U830-4F0-1E-UDD-A1  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 330 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

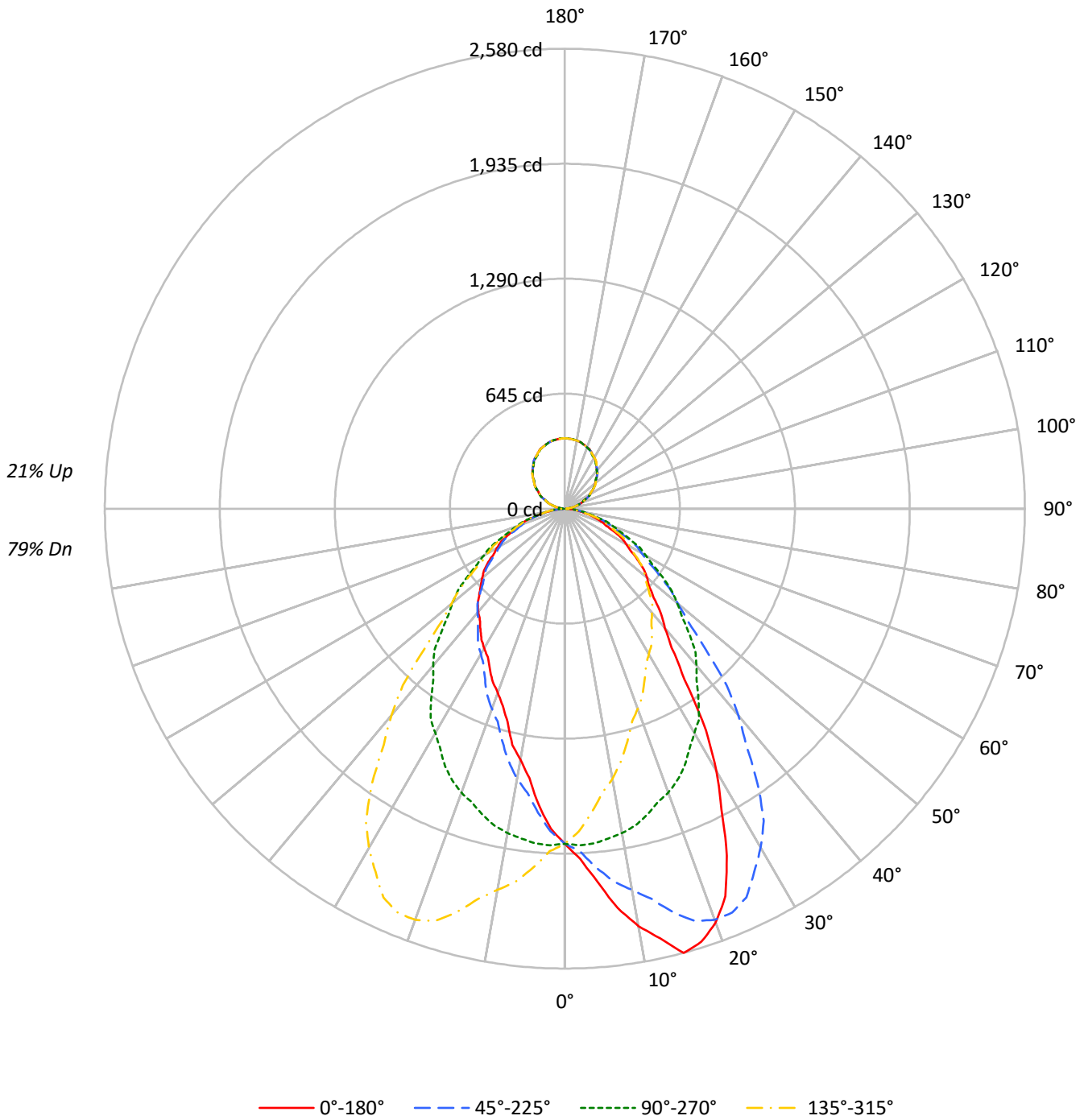
Lumens per Lamp: N/A  
Luminaire Lumens: 5251.4 lumens  
Efficiency: N/A  
Efficacy: 105.5 lumens/watt  
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Direct

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: P331421-830  
CATALOG NUMBER: SA2XXDIP-C1005D330U830-4F0-1E-UDD-A1

### Luminous Intensity Polar Plot





TEST NUMBER: P331421-830

CATALOG NUMBER: SA2XXDIP-C1005D330U830-4F0-1E-UDD-A1

**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   | 114 | 114 | 114 | 114 | 109 | 109 | 109 | 109 | 99 | 99 | 99 | 91 | 91 | 91 | 83 | 83 | 83 | 79 |
| 1   | 105 | 101 | 97  | 94  | 100 | 97  | 93  | 90  | 89 | 86 | 84 | 81 | 79 | 77 | 74 | 73 | 71 | 68 |
| 2   | 96  | 89  | 83  | 78  | 92  | 85  | 80  | 75  | 79 | 74 | 70 | 72 | 69 | 66 | 66 | 64 | 61 | 58 |
| 3   | 88  | 79  | 72  | 66  | 84  | 76  | 69  | 64  | 70 | 65 | 60 | 65 | 60 | 57 | 60 | 56 | 53 | 50 |
| 4   | 81  | 71  | 63  | 57  | 78  | 68  | 61  | 55  | 63 | 57 | 52 | 58 | 53 | 49 | 54 | 50 | 46 | 44 |
| 5   | 75  | 63  | 55  | 49  | 72  | 61  | 54  | 48  | 57 | 50 | 46 | 53 | 47 | 43 | 49 | 45 | 41 | 39 |
| 6   | 70  | 57  | 49  | 43  | 66  | 55  | 48  | 42  | 52 | 45 | 40 | 48 | 43 | 38 | 45 | 40 | 37 | 34 |
| 7   | 65  | 52  | 44  | 39  | 62  | 51  | 43  | 38  | 47 | 41 | 36 | 44 | 39 | 34 | 41 | 36 | 33 | 31 |
| 8   | 60  | 48  | 40  | 35  | 58  | 46  | 39  | 34  | 43 | 37 | 32 | 41 | 35 | 31 | 38 | 33 | 30 | 28 |
| 9   | 56  | 44  | 36  | 31  | 54  | 43  | 36  | 31  | 40 | 34 | 29 | 37 | 32 | 28 | 35 | 30 | 27 | 25 |
| 10  | 53  | 41  | 33  | 28  | 51  | 39  | 33  | 28  | 37 | 31 | 27 | 35 | 30 | 26 | 33 | 28 | 25 | 23 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 30344 | 30344 | 30344 | 30344 |
| 5°  | 34020 | 30543 | 27067 | 30543 |
| 10° | 38984 | 30293 | 23423 | 30293 |
| 15° | 43127 | 29737 | 20694 | 29737 |
| 20° | 42471 | 29141 | 18866 | 29141 |
| 25° | 38297 | 28349 | 17706 | 28349 |
| 30° | 31646 | 27082 | 16861 | 27082 |
| 35° | 23065 | 25754 | 16259 | 25754 |
| 40° | 18421 | 24190 | 15924 | 24190 |
| 45° | 16098 | 22379 | 15470 | 22379 |
| 50° | 15131 | 20627 | 15169 | 20627 |
| 55° | 13948 | 18849 | 14762 | 18849 |
| 60° | 12784 | 16956 | 14134 | 16956 |
| 65° | 11645 | 15259 | 13521 | 15259 |
| 70° | 10570 | 13605 | 12619 | 13605 |
| 75° | 9370  | 11759 | 11179 | 11759 |
| 80° | 8061  | 9735  | 9000  | 9735  |
| 85° | 7225  | 7225  | 5354  | 7225  |



TEST NUMBER: P331421-830

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 179.0  | 3.4       |
| 10°-20°   | 520.4  | 9.9       |
| 20°-30°   | 755.2  | 14.4      |
| 30°-40°   | 796.9  | 15.2      |
| 40°-50°   | 705.6  | 13.4      |
| 50°-60°   | 563.1  | 10.7      |
| 60°-70°   | 382.7  | 7.3       |
| 70°-80°   | 196.2  | 3.7       |
| 80°-90°   | 48.9   | 0.9       |
| 90°-100°  | 25.0   | 0.5       |
| 100°-110° | 77.7   | 1.5       |
| 110°-120° | 132.8  | 2.5       |
| 120°-130° | 174.6  | 3.3       |
| 130°-140° | 195.9  | 3.7       |
| 140°-150° | 192.1  | 3.7       |
| 150°-160° | 161.1  | 3.1       |
| 160°-170° | 106.9  | 2.0       |
| 170°-180° | 37.4   | 0.7       |
| 0°-30°    | 1454.6 | 27.7      |
| 0°-40°    | 2251.5 | 42.9      |
| 0°-60°    | 3520.2 | 67.0      |
| 0°-90°    | 4148.1 | 79.0      |
| 90°-120°  | 235.4  | 4.5       |
| 90°-150°  | 798.0  | 15.2      |
| 90°-180°  | 1103.0 | 21.0      |
| 0°-180°   | 5251.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1879 | 1879 | 1879 | 1879 | 1879 |      |
| 5°   | 2099 | 1884 | 1670 | 1884 | 2099 | 210  |
| 15°  | 2580 | 1779 | 1238 | 1779 | 2580 | 712  |
| 25°  | 2150 | 1591 | 994  | 1591 | 2150 | 972  |
| 35°  | 1170 | 1307 | 825  | 1307 | 1170 | 761  |
| 45°  | 705  | 980  | 678  | 980  | 705  | 554  |
| 55°  | 496  | 670  | 524  | 670  | 496  | 444  |
| 65°  | 305  | 399  | 354  | 399  | 305  | 303  |
| 75°  | 150  | 188  | 179  | 188  | 150  | 161  |
| 85°  | 39   | 39   | 29   | 39   | 39   | 43   |
| 90°  | 11   | 0    | 11   | 0    | 11   | 7    |
| 95°  | 21   | 17   | 21   | 17   | 21   | 23   |
| 105° | 74   | 72   | 74   | 72   | 74   | 78   |
| 115° | 133  | 133  | 133  | 133  | 133  | 132  |
| 125° | 194  | 194  | 194  | 194  | 194  | 173  |
| 135° | 254  | 251  | 254  | 251  | 254  | 195  |
| 145° | 308  | 304  | 308  | 304  | 308  | 192  |
| 155° | 351  | 348  | 351  | 348  | 351  | 161  |
| 165° | 379  | 379  | 379  | 379  | 379  | 107  |
| 175° | 393  | 394  | 393  | 394  | 393  | 37   |
| 180° | 395  | 395  | 395  | 395  | 395  |      |



TEST NUMBER: P331421-830

CATALOG NUMBER: SA2XXDIP-C1005D330U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5°   | 1966.1 | 1966.7 | 1967.8 | 1958.6 | 1957.5 | 1957.5 | 1949.4 | 1942.5 | 1934.4 | 1923.4 | 1924.6 |
| 5°     | 2099.0 | 2107.0 | 2109.9 | 2101.2 | 2088.2 | 2086.8 | 2074.5 | 2054.3 | 2035.5 | 2020.3 | 2009.5 |
| 7.5°   | 2257.7 | 2260.9 | 2253.8 | 2242.4 | 2232.7 | 2215.4 | 2192.5 | 2170.1 | 2138.8 | 2110.1 | 2088.7 |
| 10°    | 2377.8 | 2382.2 | 2369.9 | 2353.3 | 2339.6 | 2319.4 | 2286.1 | 2252.2 | 2211.0 | 2171.3 | 2139.5 |
| 12.5°  | 2469.2 | 2479.8 | 2464.1 | 2461.9 | 2438.5 | 2410.6 | 2371.1 | 2353.9 | 2295.9 | 2240.6 | 2206.6 |
| 15°    | 2580.1 | 2579.4 | 2580.9 | 2567.1 | 2549.8 | 2545.4 | 2503.6 | 2458.1 | 2376.4 | 2343.9 | 2287.6 |
| 17.5°  | 2548.1 | 2559.0 | 2564.1 | 2563.9 | 2563.5 | 2560.8 | 2547.3 | 2518.6 | 2477.7 | 2425.0 | 2359.9 |
| 20°    | 2471.8 | 2486.2 | 2488.4 | 2505.0 | 2514.4 | 2526.7 | 2531.8 | 2523.8 | 2498.5 | 2454.5 | 2398.1 |
| 22.5°  | 2353.9 | 2358.0 | 2364.7 | 2390.6 | 2410.9 | 2441.8 | 2457.8 | 2484.4 | 2474.8 | 2453.2 | 2406.2 |
| 25°    | 2149.7 | 2142.4 | 2167.7 | 2180.7 | 2227.6 | 2276.7 | 2312.2 | 2351.2 | 2385.9 | 2406.8 | 2393.0 |
| 27.5°  | 1904.3 | 1893.5 | 1931.4 | 1965.9 | 2004.0 | 2057.2 | 2112.3 | 2177.5 | 2231.7 | 2299.4 | 2322.7 |
| 30°    | 1697.4 | 1703.9 | 1740.0 | 1776.9 | 1834.7 | 1909.8 | 1971.9 | 2043.4 | 2120.7 | 2196.6 | 2249.3 |
| 32.5°  | 1474.4 | 1499.4 | 1522.2 | 1578.7 | 1629.6 | 1713.4 | 1804.3 | 1893.8 | 1990.2 | 2076.4 | 2158.0 |
| 35°    | 1170.2 | 1199.0 | 1230.9 | 1272.0 | 1343.5 | 1426.5 | 1515.4 | 1636.1 | 1767.6 | 1885.3 | 1982.1 |
| 37.5°  | 985.0  | 980.3  | 998.5  | 1028.3 | 1086.2 | 1153.3 | 1255.6 | 1374.7 | 1529.5 | 1667.8 | 1804.3 |
| 40°    | 874.0  | 871.1  | 884.1  | 911.5  | 955.6  | 1004.8 | 1094.3 | 1199.0 | 1342.7 | 1511.8 | 1674.3 |
| 42.5°  | 797.8  | 799.5  | 806.7  | 826.0  | 856.2  | 896.6  | 963.7  | 1052.8 | 1184.5 | 1343.7 | 1518.3 |
| 45°    | 705.0  | 710.0  | 718.0  | 727.4  | 744.7  | 778.0  | 815.5  | 879.1  | 983.1  | 1116.0 | 1287.9 |
| 47.5°  | 638.2  | 638.4  | 646.5  | 654.7  | 665.0  | 683.7  | 714.4  | 754.2  | 827.6  | 935.9  | 1083.6 |
| 50°    | 602.4  | 597.4  | 603.1  | 609.6  | 620.5  | 633.5  | 653.7  | 691.3  | 740.4  | 827.7  | 951.3  |
| 52.5°  | 558.5  | 558.6  | 563.8  | 566.3  | 576.0  | 589.0  | 607.5  | 633.5  | 678.0  | 746.3  | 847.8  |
| 55°    | 495.5  | 499.1  | 502.0  | 506.3  | 515.0  | 524.4  | 538.9  | 556.2  | 590.9  | 642.2  | 717.3  |
| 57.5°  | 436.3  | 437.4  | 440.4  | 448.6  | 454.0  | 462.7  | 476.5  | 492.2  | 514.7  | 552.7  | 609.2  |
| 60°    | 395.9  | 395.9  | 401.6  | 405.2  | 412.5  | 421.1  | 432.0  | 447.1  | 467.3  | 498.4  | 543.9  |
| 62.5°  | 358.8  | 358.3  | 360.6  | 366.5  | 372.0  | 380.1  | 390.9  | 403.8  | 422.8  | 450.4  | 487.9  |
| 65°    | 304.8  | 303.4  | 307.7  | 309.2  | 314.9  | 322.9  | 331.6  | 345.3  | 360.4  | 380.7  | 413.9  |
| 67.5°  | 252.8  | 254.6  | 256.8  | 259.6  | 262.8  | 271.2  | 276.9  | 286.6  | 299.4  | 316.2  | 338.7  |
| 70°    | 223.9  | 223.9  | 223.9  | 226.1  | 230.5  | 234.8  | 240.5  | 248.5  | 260.8  | 275.2  | 295.4  |
| 72.5°  | 191.5  | 193.9  | 196.1  | 194.9  | 200.4  | 202.9  | 209.9  | 214.4  | 226.1  | 235.4  | 253.3  |
| 75°    | 150.2  | 150.2  | 150.2  | 153.8  | 156.0  | 158.2  | 162.5  | 166.8  | 172.7  | 184.2  | 193.6  |
| 77.5°  | 112.1  | 111.8  | 112.5  | 113.4  | 115.7  | 118.3  | 119.6  | 123.5  | 128.8  | 134.2  | 142.1  |
| 80°    | 86.7   | 88.1   | 88.9   | 90.3   | 90.3   | 91.7   | 92.5   | 97.6   | 101.1  | 104.7  | 109.8  |
| 82.5°  | 67.0   | 67.3   | 67.5   | 67.8   | 68.3   | 69.2   | 71.1   | 72.7   | 74.0   | 77.0   | 80.9   |
| 85°    | 39.0   | 38.3   | 38.3   | 39.7   | 39.0   | 39.0   | 40.4   | 41.8   | 41.8   | 42.6   | 44.8   |
| 87.5°  | 17.2   | 17.2   | 17.8   | 17.2   | 17.2   | 17.8   | 17.8   | 17.3   | 17.9   | 18.5   | 18.8   |
| 90°    | 11.3   | 11.2   | 11.2   | 11.1   | 11.0   | 11.0   | 11.2   | 11.4   | 11.5   | 11.7   | 10.0   |
| 92.5°  | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.6   | 10.2   |
| 95°    | 20.6   | 20.8   | 20.9   | 21.1   | 21.2   | 21.3   | 21.3   | 21.3   | 21.3   | 21.3   | 21.2   |
| 97.5°  | 35.7   | 35.8   | 35.8   | 35.8   | 35.8   | 35.8   | 35.8   | 35.8   | 35.8   | 35.8   | 35.5   |
| 100°   | 45.6   | 45.7   | 45.8   | 45.8   | 45.9   | 46.0   | 46.0   | 46.0   | 46.0   | 46.0   | 45.7   |
| 102.5° | 56.8   | 56.9   | 56.9   | 57.0   | 57.1   | 57.1   | 57.0   | 57.0   | 56.9   | 56.8   | 56.6   |
| 105°   | 73.9   | 73.9   | 73.9   | 73.9   | 73.9   | 73.9   | 73.7   | 73.5   | 73.4   | 73.2   | 73.1   |
| 107.5° | 90.0   | 90.4   | 90.8   | 91.0   | 91.4   | 91.5   | 91.5   | 91.4   | 91.3   | 91.3   | 91.3   |
| 110°   | 102.5  | 102.8  | 103.0  | 103.2  | 103.5  | 103.6  | 103.6  | 103.6  | 103.6  | 103.6  | 103.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 114.5 | 114.7 | 114.9 | 115.1 | 115.2 | 115.4 | 115.6 | 115.7 | 115.9 | 116.1 | 116.1 |
| 115°   | 133.2 | 133.5 | 133.7 | 133.8 | 134.1 | 134.2 | 134.3 | 134.4 | 134.5 | 134.5 | 134.7 |
| 117.5° | 151.0 | 151.2 | 151.5 | 151.7 | 151.8 | 152.0 | 152.2 | 152.4 | 152.6 | 152.8 | 153.2 |
| 120°   | 163.5 | 163.7 | 163.9 | 164.2 | 164.4 | 164.5 | 164.5 | 164.5 | 164.5 | 164.5 | 165.1 |
| 122.5° | 175.8 | 175.9 | 176.1 | 176.3 | 176.4 | 176.5 | 176.7 | 176.9 | 177.1 | 177.3 | 177.7 |
| 125°   | 194.4 | 194.5 | 194.6 | 194.7 | 194.7 | 194.9 | 195.1 | 195.4 | 195.6 | 195.8 | 196.0 |
| 127.5° | 211.5 | 211.8 | 212.0 | 212.3 | 212.4 | 212.7 | 213.0 | 213.3 | 213.5 | 213.8 | 214.1 |
| 130°   | 223.8 | 224.0 | 224.3 | 224.7 | 225.0 | 225.2 | 225.4 | 225.5 | 225.6 | 225.7 | 225.9 |
| 132.5° | 235.5 | 235.7 | 236.0 | 236.2 | 236.5 | 236.8 | 237.0 | 237.3 | 237.7 | 238.0 | 238.0 |
| 135°   | 253.7 | 254.0 | 254.2 | 254.4 | 254.7 | 254.8 | 254.9 | 255.0 | 255.0 | 255.1 | 255.0 |
| 137.5° | 270.2 | 270.6 | 270.9 | 271.2 | 271.5 | 271.6 | 271.6 | 271.7 | 271.8 | 271.8 | 271.6 |
| 140°   | 281.7 | 282.0 | 282.3 | 282.6 | 282.9 | 283.0 | 283.0 | 283.0 | 283.0 | 283.0 | 282.7 |
| 142.5° | 292.1 | 292.4 | 292.7 | 293.0 | 293.3 | 293.4 | 293.3 | 293.3 | 293.2 | 293.1 | 292.9 |
| 145°   | 307.6 | 308.0 | 308.3 | 308.6 | 308.9 | 309.0 | 308.9 | 308.9 | 308.8 | 308.7 | 308.2 |
| 147.5° | 321.6 | 321.9 | 322.2 | 322.4 | 322.7 | 322.8 | 322.6 | 322.4 | 322.3 | 322.2 | 321.9 |
| 150°   | 330.6 | 330.9 | 331.1 | 331.3 | 331.6 | 331.6 | 331.3 | 331.1 | 330.9 | 330.6 | 330.4 |
| 152.5° | 339.2 | 339.5 | 339.8 | 340.1 | 340.4 | 340.4 | 340.1 | 339.8 | 339.5 | 339.2 | 338.8 |
| 155°   | 350.6 | 350.9 | 351.1 | 351.3 | 351.6 | 351.5 | 351.1 | 350.7 | 350.3 | 350.0 | 349.8 |
| 157.5° | 360.5 | 360.9 | 361.2 | 361.6 | 361.9 | 361.8 | 361.4 | 360.8 | 360.3 | 359.9 | 359.7 |
| 160°   | 366.6 | 366.9 | 367.2 | 367.5 | 367.8 | 367.8 | 367.3 | 366.8 | 366.4 | 366.0 | 365.9 |
| 162.5° | 371.9 | 372.3 | 372.7 | 373.1 | 373.3 | 373.3 | 372.8 | 372.3 | 371.8 | 371.3 | 371.3 |
| 165°   | 379.0 | 379.3 | 379.7 | 380.0 | 380.4 | 380.3 | 379.8 | 379.3 | 378.8 | 378.2 | 378.2 |
| 167.5° | 384.7 | 385.0 | 385.4 | 385.9 | 386.3 | 386.2 | 385.6 | 385.1 | 384.6 | 384.1 | 384.1 |
| 170°   | 387.6 | 388.0 | 388.5 | 389.0 | 389.4 | 389.4 | 388.8 | 388.3 | 387.8 | 387.3 | 387.4 |
| 172.5° | 390.0 | 390.5 | 390.9 | 391.3 | 391.8 | 391.7 | 391.2 | 390.7 | 390.2 | 389.6 | 389.7 |
| 175°   | 392.6 | 393.0 | 393.5 | 394.0 | 394.4 | 394.4 | 393.8 | 393.3 | 392.8 | 392.3 | 392.4 |
| 177.5° | 393.8 | 394.2 | 394.5 | 394.8 | 395.2 | 395.2 | 394.8 | 394.5 | 394.2 | 393.8 | 393.9 |
| 180°   | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5°   | 1928.6 | 1924.0 | 1921.1 | 1910.7 | 1901.4 | 1892.2 | 1889.3 | 1890.5 | 1877.7 | 1865.6 | 1860.4 |
| 5°     | 2003.8 | 1989.2 | 1975.6 | 1956.1 | 1933.0 | 1907.6 | 1894.6 | 1884.5 | 1859.3 | 1831.8 | 1815.9 |
| 7.5°   | 2071.0 | 2050.4 | 2023.9 | 1987.3 | 1953.6 | 1913.8 | 1888.6 | 1866.1 | 1829.2 | 1790.5 | 1766.8 |
| 10°    | 2112.0 | 2083.9 | 2049.9 | 2005.2 | 1964.0 | 1915.6 | 1881.6 | 1847.7 | 1804.3 | 1758.1 | 1729.2 |
| 12.5°  | 2147.3 | 2109.3 | 2075.9 | 2018.5 | 1969.7 | 1909.2 | 1869.0 | 1821.1 | 1775.5 | 1720.5 | 1692.2 |
| 15°    | 2231.3 | 2161.2 | 2097.6 | 2032.6 | 1972.6 | 1888.1 | 1843.3 | 1779.0 | 1719.1 | 1651.2 | 1618.7 |
| 17.5°  | 2296.1 | 2217.3 | 2117.2 | 2034.7 | 1964.7 | 1871.1 | 1805.3 | 1728.3 | 1657.5 | 1579.9 | 1535.7 |
| 20°    | 2333.1 | 2242.8 | 2135.1 | 2036.9 | 1953.1 | 1846.3 | 1774.7 | 1696.0 | 1613.0 | 1525.5 | 1477.9 |
| 22.5°  | 2355.0 | 2260.1 | 2153.7 | 2028.3 | 1930.0 | 1826.0 | 1736.0 | 1649.7 | 1565.6 | 1471.2 | 1421.3 |
| 25°    | 2362.0 | 2275.3 | 2162.7 | 2021.1 | 1901.1 | 1783.4 | 1675.1 | 1591.3 | 1489.4 | 1401.3 | 1328.3 |
| 27.5°  | 2327.6 | 2265.5 | 2157.1 | 2007.4 | 1867.7 | 1730.1 | 1609.3 | 1514.4 | 1406.9 | 1311.3 | 1237.9 |
| 30°    | 2285.4 | 2249.3 | 2143.8 | 1993.6 | 1841.2 | 1693.1 | 1560.2 | 1452.6 | 1345.7 | 1248.9 | 1173.7 |
| 32.5°  | 2220.2 | 2212.3 | 2119.6 | 1974.0 | 1812.9 | 1646.3 | 1508.8 | 1400.0 | 1281.6 | 1186.5 | 1114.8 |
| 35°    | 2091.9 | 2126.5 | 2068.0 | 1930.0 | 1759.5 | 1579.7 | 1430.9 | 1306.6 | 1183.9 | 1092.9 | 1025.7 |
| 37.5°  | 1920.0 | 2006.0 | 1990.7 | 1865.8 | 1687.6 | 1507.2 | 1342.9 | 1213.1 | 1096.1 | 1004.2 | 938.3  |
| 40°    | 1801.5 | 1911.3 | 1927.1 | 1816.7 | 1636.8 | 1451.1 | 1277.1 | 1147.7 | 1033.6 | 949.9  | 883.4  |
| 42.5°  | 1674.3 | 1802.6 | 1846.3 | 1757.7 | 1581.3 | 1392.2 | 1218.1 | 1084.2 | 971.2  | 889.8  | 830.9  |
| 45°    | 1461.2 | 1631.0 | 1709.8 | 1659.2 | 1488.7 | 1295.1 | 1116.0 | 980.1  | 877.6  | 801.1  | 755.5  |
| 47.5°  | 1262.1 | 1447.6 | 1553.4 | 1535.5 | 1385.7 | 1194.0 | 1016.9 | 886.6  | 786.7  | 725.7  | 684.9  |
| 50°    | 1121.1 | 1311.7 | 1439.5 | 1445.4 | 1311.7 | 1121.7 | 944.1  | 821.2  | 729.5  | 672.5  | 639.2  |
| 52.5°  | 998.5  | 1180.5 | 1319.9 | 1350.6 | 1229.1 | 1046.6 | 878.7  | 756.6  | 675.8  | 623.4  | 593.6  |
| 55°    | 838.6  | 992.5  | 1147.1 | 1203.3 | 1105.9 | 932.6  | 777.2  | 669.6  | 593.7  | 557.6  | 531.6  |
| 57.5°  | 697.2  | 825.5  | 968.2  | 1030.5 | 970.3  | 822.0  | 676.4  | 582.9  | 521.4  | 489.7  | 469.8  |
| 60°    | 622.6  | 723.8  | 850.9  | 925.3  | 873.3  | 741.1  | 614.0  | 525.1  | 474.6  | 446.4  | 427.6  |
| 62.5°  | 553.3  | 642.9  | 750.4  | 818.4  | 790.0  | 665.4  | 551.6  | 473.2  | 429.5  | 403.0  | 389.5  |
| 65°    | 456.5  | 527.3  | 610.4  | 673.2  | 654.4  | 559.8  | 466.7  | 399.4  | 364.8  | 343.8  | 333.0  |
| 67.5°  | 375.9  | 427.1  | 484.7  | 539.7  | 524.5  | 457.5  | 382.7  | 330.4  | 304.5  | 286.4  | 279.9  |
| 70°    | 325.1  | 364.0  | 415.4  | 459.4  | 447.1  | 392.2  | 333.0  | 288.2  | 265.8  | 250.6  | 244.1  |
| 72.5°  | 276.5  | 308.6  | 347.7  | 383.7  | 375.4  | 329.8  | 280.4  | 246.6  | 229.4  | 215.4  | 210.1  |
| 75°    | 208.8  | 233.3  | 257.1  | 281.0  | 278.8  | 243.5  | 214.5  | 188.5  | 174.8  | 164.0  | 161.8  |
| 77.5°  | 154.1  | 167.9  | 184.1  | 198.2  | 194.3  | 174.1  | 151.4  | 136.5  | 126.4  | 119.1  | 118.0  |
| 80°    | 117.7  | 125.6  | 137.2  | 147.3  | 142.3  | 133.7  | 115.6  | 104.7  | 97.6   | 90.3   | 87.4   |
| 82.5°  | 85.4   | 93.3   | 100.3  | 105.8  | 101.9  | 93.8   | 82.7   | 75.3   | 71.0   | 66.0   | 64.8   |
| 85°    | 44.8   | 49.1   | 52.0   | 53.4   | 52.0   | 46.9   | 41.8   | 39.0   | 35.4   | 33.3   | 32.5   |
| 87.5°  | 19.0   | 18.7   | 18.4   | 19.2   | 17.3   | 17.2   | 14.7   | 12.8   | 12.3   | 12.0   | 11.0   |
| 90°    | 8.4    | 6.8    | 5.2    | 3.9    | 3.0    | 2.1    | 1.2    | 0.4    | 1.2    | 2.1    | 3.0    |
| 92.5°  | 9.8    | 9.4    | 9.0    | 8.6    | 7.9    | 7.3    | 6.6    | 5.9    | 6.6    | 7.3    | 7.9    |
| 95°    | 21.0   | 20.8   | 20.7   | 20.3   | 19.5   | 18.8   | 18.1   | 17.3   | 18.1   | 18.8   | 19.5   |
| 97.5°  | 35.3   | 35.0   | 34.7   | 34.2   | 33.6   | 32.9   | 32.3   | 31.7   | 32.3   | 32.9   | 33.6   |
| 100°   | 45.5   | 45.2   | 45.1   | 44.7   | 44.1   | 43.5   | 42.9   | 42.3   | 42.9   | 43.5   | 44.1   |
| 102.5° | 56.3   | 56.0   | 55.8   | 55.3   | 54.9   | 54.4   | 53.9   | 53.4   | 53.9   | 54.4   | 54.9   |
| 105°   | 73.0   | 72.9   | 72.7   | 72.5   | 72.3   | 72.0   | 71.8   | 71.6   | 71.8   | 72.0   | 72.3   |
| 107.5° | 91.3   | 91.3   | 91.3   | 91.1   | 90.9   | 90.5   | 90.2   | 89.8   | 90.2   | 90.5   | 90.9   |
| 110°   | 103.6  | 103.6  | 103.6  | 103.3  | 102.9  | 102.5  | 102.0  | 101.6  | 102.0  | 102.5  | 102.9  |





TEST NUMBER: P331421-830

CATALOG NUMBER: SA2XXDIP-C1005D330U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 116.2 | 116.2 | 116.3 | 116.1 | 115.6 | 115.3 | 114.8 | 114.3 | 114.8 | 115.3 | 115.6 |
| 115°   | 134.8 | 135.0 | 135.2 | 135.0 | 134.5 | 134.1 | 133.7 | 133.2 | 133.7 | 134.1 | 134.5 |
| 117.5° | 153.6 | 154.0 | 154.5 | 154.4 | 153.7 | 153.2 | 152.6 | 151.9 | 152.6 | 153.2 | 153.7 |
| 120°   | 165.7 | 166.3 | 166.8 | 166.8 | 166.3 | 165.7 | 165.1 | 164.5 | 165.1 | 165.7 | 166.3 |
| 122.5° | 178.1 | 178.5 | 179.0 | 178.8 | 178.0 | 177.4 | 176.6 | 176.0 | 176.6 | 177.4 | 178.0 |
| 125°   | 196.2 | 196.4 | 196.7 | 196.4 | 195.8 | 195.1 | 194.4 | 193.8 | 194.4 | 195.1 | 195.8 |
| 127.5° | 214.3 | 214.6 | 214.8 | 214.5 | 213.7 | 212.9 | 212.1 | 211.2 | 212.1 | 212.9 | 213.7 |
| 130°   | 226.1 | 226.2 | 226.4 | 225.9 | 225.0 | 224.0 | 223.1 | 222.2 | 223.1 | 224.0 | 225.0 |
| 132.5° | 238.0 | 237.9 | 237.9 | 237.5 | 236.7 | 235.9 | 235.2 | 234.4 | 235.2 | 235.9 | 236.7 |
| 135°   | 254.8 | 254.7 | 254.5 | 254.0 | 253.2 | 252.4 | 251.6 | 250.7 | 251.6 | 252.4 | 253.2 |
| 137.5° | 271.5 | 271.3 | 271.1 | 270.7 | 270.0 | 269.3 | 268.6 | 268.0 | 268.6 | 269.3 | 270.0 |
| 140°   | 282.3 | 281.9 | 281.5 | 281.1 | 280.4 | 279.7 | 279.1 | 278.4 | 279.1 | 279.7 | 280.4 |
| 142.5° | 292.7 | 292.4 | 292.2 | 291.7 | 291.1 | 290.4 | 289.7 | 289.1 | 289.7 | 290.4 | 291.1 |
| 145°   | 307.8 | 307.4 | 306.9 | 306.4 | 305.9 | 305.4 | 304.9 | 304.3 | 304.9 | 305.4 | 305.9 |
| 147.5° | 321.6 | 321.2 | 320.9 | 320.5 | 319.9 | 319.2 | 318.7 | 318.0 | 318.7 | 319.2 | 319.9 |
| 150°   | 330.1 | 329.8 | 329.5 | 329.1 | 328.7 | 328.2 | 327.8 | 327.3 | 327.8 | 328.2 | 328.7 |
| 152.5° | 338.5 | 338.1 | 337.8 | 337.3 | 337.0 | 336.5 | 336.0 | 335.6 | 336.0 | 336.5 | 337.0 |
| 155°   | 349.5 | 349.3 | 349.1 | 348.8 | 348.6 | 348.5 | 348.2 | 348.0 | 348.2 | 348.5 | 348.6 |
| 157.5° | 359.6 | 359.5 | 359.3 | 359.2 | 359.0 | 358.8 | 358.7 | 358.5 | 358.7 | 358.8 | 359.0 |
| 160°   | 365.8 | 365.7 | 365.7 | 365.5 | 365.4 | 365.2 | 365.1 | 365.0 | 365.1 | 365.2 | 365.4 |
| 162.5° | 371.2 | 371.1 | 371.0 | 371.0 | 370.9 | 370.9 | 370.9 | 370.8 | 370.9 | 370.9 | 370.9 |
| 165°   | 378.2 | 378.2 | 378.2 | 378.3 | 378.4 | 378.4 | 378.5 | 378.6 | 378.5 | 378.4 | 378.4 |
| 167.5° | 384.1 | 384.1 | 384.2 | 384.3 | 384.5 | 384.7 | 384.9 | 385.1 | 384.9 | 384.7 | 384.5 |
| 170°   | 387.4 | 387.5 | 387.6 | 387.8 | 388.0 | 388.1 | 388.4 | 388.6 | 388.4 | 388.1 | 388.0 |
| 172.5° | 389.8 | 389.9 | 389.9 | 390.1 | 390.3 | 390.6 | 390.8 | 391.0 | 390.8 | 390.6 | 390.3 |
| 175°   | 392.6 | 392.8 | 392.9 | 393.0 | 393.2 | 393.5 | 393.7 | 394.0 | 393.7 | 393.5 | 393.2 |
| 177.5° | 394.1 | 394.2 | 394.3 | 394.5 | 394.6 | 394.7 | 394.9 | 395.1 | 394.9 | 394.7 | 394.6 |
| 180°   | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 |



TEST NUMBER: P331421-830

CATALOG NUMBER: SA2XXDIP-C1005D330U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5°   | 1854.6 | 1851.2 | 1839.0 | 1832.7 | 1822.3 | 1812.4 | 1806.1 | 1809.0 | 1811.3 | 1810.2 | 1808.4 |
| 5°     | 1801.5 | 1787.7 | 1766.8 | 1748.7 | 1735.7 | 1711.9 | 1701.8 | 1696.8 | 1692.4 | 1687.3 | 1682.2 |
| 7.5°   | 1738.1 | 1716.6 | 1686.5 | 1660.8 | 1636.4 | 1606.8 | 1590.0 | 1579.9 | 1569.4 | 1558.0 | 1547.9 |
| 10°    | 1693.1 | 1662.7 | 1631.0 | 1594.9 | 1566.0 | 1539.3 | 1515.4 | 1499.5 | 1485.1 | 1471.4 | 1461.2 |
| 12.5°  | 1645.8 | 1610.8 | 1571.5 | 1522.1 | 1490.3 | 1452.0 | 1448.4 | 1420.4 | 1397.8 | 1389.3 | 1377.4 |
| 15°    | 1570.3 | 1521.2 | 1471.4 | 1412.9 | 1387.6 | 1352.9 | 1331.2 | 1309.6 | 1290.1 | 1276.3 | 1272.7 |
| 17.5°  | 1484.7 | 1421.1 | 1371.5 | 1329.5 | 1288.1 | 1252.5 | 1232.6 | 1215.2 | 1199.2 | 1180.8 | 1178.4 |
| 20°    | 1419.4 | 1364.4 | 1310.3 | 1273.5 | 1230.9 | 1194.7 | 1170.2 | 1152.8 | 1139.1 | 1128.2 | 1118.9 |
| 22.5°  | 1357.5 | 1297.4 | 1247.8 | 1207.6 | 1165.5 | 1136.3 | 1117.0 | 1100.2 | 1088.8 | 1076.9 | 1068.0 |
| 25°    | 1258.3 | 1211.4 | 1157.2 | 1111.6 | 1076.9 | 1058.2 | 1042.3 | 1027.8 | 1020.7 | 1012.7 | 1002.6 |
| 27.5°  | 1171.5 | 1119.3 | 1068.6 | 1033.3 | 1002.9 | 986.3  | 975.0  | 965.2  | 958.4  | 953.8  | 948.0  |
| 30°    | 1110.2 | 1057.4 | 1017.8 | 983.1  | 957.8  | 941.2  | 934.0  | 928.2  | 920.2  | 917.4  | 914.5  |
| 32.5°  | 1051.2 | 1003.7 | 969.8  | 939.7  | 915.6  | 904.7  | 898.1  | 893.0  | 886.7  | 883.8  | 878.1  |
| 35°    | 967.9  | 928.2  | 894.9  | 878.4  | 858.8  | 849.4  | 844.4  | 837.2  | 831.4  | 828.5  | 827.7  |
| 37.5°  | 889.5  | 855.0  | 833.1  | 811.7  | 803.5  | 797.8  | 790.8  | 785.9  | 784.2  | 783.7  | 783.0  |
| 40°    | 838.6  | 810.4  | 791.0  | 773.6  | 770.0  | 761.3  | 755.5  | 751.2  | 751.2  | 752.0  | 751.2  |
| 42.5°  | 792.4  | 767.1  | 749.9  | 734.9  | 730.7  | 725.5  | 719.7  | 719.4  | 720.6  | 723.0  | 720.6  |
| 45°    | 722.4  | 704.3  | 692.0  | 684.8  | 676.8  | 671.8  | 671.0  | 673.2  | 673.9  | 674.7  | 676.8  |
| 47.5°  | 657.9  | 645.9  | 634.8  | 626.8  | 623.4  | 622.5  | 621.6  | 625.4  | 628.9  | 630.2  | 633.5  |
| 50°    | 619.7  | 606.1  | 596.6  | 591.5  | 588.7  | 587.2  | 588.7  | 593.0  | 595.9  | 599.6  | 601.7  |
| 52.5°  | 577.0  | 567.3  | 560.8  | 556.9  | 555.7  | 556.7  | 556.9  | 561.8  | 566.5  | 567.8  | 568.7  |
| 55°    | 517.9  | 510.7  | 509.3  | 502.8  | 505.6  | 504.9  | 508.5  | 511.4  | 515.8  | 520.1  | 520.8  |
| 57.5°  | 458.9  | 453.2  | 449.3  | 449.9  | 450.7  | 453.9  | 456.9  | 462.0  | 466.7  | 471.3  | 471.6  |
| 60°    | 419.7  | 416.8  | 414.6  | 414.6  | 416.0  | 420.4  | 424.0  | 429.0  | 432.0  | 434.8  | 437.0  |
| 62.5°  | 383.8  | 381.0  | 378.8  | 379.9  | 383.7  | 386.3  | 390.5  | 393.2  | 396.2  | 399.0  | 400.0  |
| 65°    | 327.3  | 325.7  | 327.9  | 329.4  | 330.1  | 333.8  | 338.7  | 340.9  | 343.8  | 345.3  | 350.3  |
| 67.5°  | 275.0  | 275.3  | 275.0  | 277.1  | 281.3  | 282.1  | 286.9  | 292.0  | 292.6  | 295.3  | 298.6  |
| 70°    | 239.8  | 241.3  | 242.7  | 244.1  | 247.8  | 249.2  | 252.8  | 255.0  | 257.9  | 260.0  | 262.2  |
| 72.5°  | 207.5  | 207.7  | 209.2  | 208.9  | 211.9  | 215.1  | 218.1  | 220.3  | 223.2  | 225.9  | 228.1  |
| 75°    | 159.7  | 159.7  | 161.1  | 161.8  | 165.4  | 169.0  | 168.3  | 169.8  | 172.7  | 175.5  | 177.0  |
| 77.5°  | 116.6  | 115.0  | 116.6  | 117.3  | 118.5  | 121.5  | 122.1  | 124.1  | 127.4  | 126.4  | 128.0  |
| 80°    | 88.9   | 86.7   | 88.9   | 89.5   | 89.5   | 93.2   | 93.2   | 94.6   | 96.8   | 94.6   | 96.8   |
| 82.5°  | 63.4   | 62.4   | 64.0   | 64.2   | 65.3   | 65.4   | 66.6   | 66.9   | 69.1   | 68.1   | 69.1   |
| 85°    | 31.8   | 31.1   | 31.8   | 31.1   | 31.8   | 32.5   | 32.5   | 31.8   | 31.8   | 33.3   | 31.1   |
| 87.5°  | 10.6   | 10.3   | 10.0   | 10.4   | 10.1   | 9.8    | 9.2    | 9.2    | 9.1    | 8.0    | 8.0    |
| 90°    | 3.9    | 5.2    | 6.8    | 8.4    | 10.0   | 11.7   | 11.5   | 11.4   | 11.2   | 11.0   | 11.0   |
| 92.5°  | 8.6    | 9.0    | 9.4    | 9.8    | 10.2   | 10.6   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   |
| 95°    | 20.3   | 20.7   | 20.8   | 21.0   | 21.2   | 21.3   | 21.3   | 21.3   | 21.3   | 21.3   | 21.2   |
| 97.5°  | 34.2   | 34.7   | 35.0   | 35.3   | 35.5   | 35.8   | 35.8   | 35.8   | 35.8   | 35.8   | 35.8   |
| 100°   | 44.7   | 45.1   | 45.2   | 45.5   | 45.7   | 46.0   | 46.0   | 46.0   | 46.0   | 46.0   | 45.9   |
| 102.5° | 55.3   | 55.8   | 56.0   | 56.3   | 56.6   | 56.8   | 56.9   | 57.0   | 57.0   | 57.1   | 57.1   |
| 105°   | 72.5   | 72.7   | 72.9   | 73.0   | 73.1   | 73.2   | 73.4   | 73.5   | 73.7   | 73.9   | 73.9   |
| 107.5° | 91.1   | 91.3   | 91.3   | 91.3   | 91.3   | 91.3   | 91.3   | 91.4   | 91.5   | 91.5   | 91.4   |
| 110°   | 103.3  | 103.6  | 103.6  | 103.6  | 103.6  | 103.6  | 103.6  | 103.6  | 103.6  | 103.6  | 103.5  |



TEST NUMBER: P331421-830

CATALOG NUMBER: SA2XXDIP-C1005D330U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 116.1 | 116.3 | 116.2 | 116.2 | 116.1 | 116.1 | 115.9 | 115.7 | 115.6 | 115.4 | 115.2 |
| 115°   | 135.0 | 135.2 | 135.0 | 134.8 | 134.7 | 134.5 | 134.5 | 134.4 | 134.3 | 134.2 | 134.1 |
| 117.5° | 154.4 | 154.5 | 154.0 | 153.6 | 153.2 | 152.8 | 152.6 | 152.4 | 152.2 | 152.0 | 151.8 |
| 120°   | 166.8 | 166.8 | 166.3 | 165.7 | 165.1 | 164.5 | 164.5 | 164.5 | 164.5 | 164.5 | 164.4 |
| 122.5° | 178.8 | 179.0 | 178.5 | 178.1 | 177.7 | 177.3 | 177.1 | 176.9 | 176.7 | 176.5 | 176.4 |
| 125°   | 196.4 | 196.7 | 196.4 | 196.2 | 196.0 | 195.8 | 195.6 | 195.4 | 195.1 | 194.9 | 194.7 |
| 127.5° | 214.5 | 214.8 | 214.6 | 214.3 | 214.1 | 213.8 | 213.5 | 213.3 | 213.0 | 212.7 | 212.4 |
| 130°   | 225.9 | 226.4 | 226.2 | 226.1 | 225.9 | 225.7 | 225.6 | 225.5 | 225.4 | 225.2 | 225.0 |
| 132.5° | 237.5 | 237.9 | 237.9 | 238.0 | 238.0 | 238.0 | 237.7 | 237.3 | 237.0 | 236.8 | 236.5 |
| 135°   | 254.0 | 254.5 | 254.7 | 254.8 | 255.0 | 255.1 | 255.0 | 255.0 | 254.9 | 254.8 | 254.7 |
| 137.5° | 270.7 | 271.1 | 271.3 | 271.5 | 271.6 | 271.8 | 271.8 | 271.7 | 271.6 | 271.6 | 271.5 |
| 140°   | 281.1 | 281.5 | 281.9 | 282.3 | 282.7 | 283.0 | 283.0 | 283.0 | 283.0 | 283.0 | 282.9 |
| 142.5° | 291.7 | 292.2 | 292.4 | 292.7 | 292.9 | 293.1 | 293.2 | 293.3 | 293.3 | 293.4 | 293.3 |
| 145°   | 306.4 | 306.9 | 307.4 | 307.8 | 308.2 | 308.7 | 308.8 | 308.9 | 308.9 | 309.0 | 308.9 |
| 147.5° | 320.5 | 320.9 | 321.2 | 321.6 | 321.9 | 322.2 | 322.3 | 322.4 | 322.6 | 322.8 | 322.7 |
| 150°   | 329.1 | 329.5 | 329.8 | 330.1 | 330.4 | 330.6 | 330.9 | 331.1 | 331.3 | 331.6 | 331.6 |
| 152.5° | 337.3 | 337.8 | 338.1 | 338.5 | 338.8 | 339.2 | 339.5 | 339.8 | 340.1 | 340.4 | 340.4 |
| 155°   | 348.8 | 349.1 | 349.3 | 349.5 | 349.8 | 350.0 | 350.3 | 350.7 | 351.1 | 351.5 | 351.6 |
| 157.5° | 359.2 | 359.3 | 359.5 | 359.6 | 359.7 | 359.9 | 360.3 | 360.8 | 361.4 | 361.8 | 361.9 |
| 160°   | 365.5 | 365.7 | 365.7 | 365.8 | 365.9 | 366.0 | 366.4 | 366.8 | 367.3 | 367.8 | 367.8 |
| 162.5° | 371.0 | 371.0 | 371.1 | 371.2 | 371.3 | 371.3 | 371.8 | 372.3 | 372.8 | 373.3 | 373.3 |
| 165°   | 378.3 | 378.2 | 378.2 | 378.2 | 378.2 | 378.2 | 378.8 | 379.3 | 379.8 | 380.3 | 380.4 |
| 167.5° | 384.3 | 384.2 | 384.1 | 384.1 | 384.1 | 384.1 | 384.6 | 385.1 | 385.6 | 386.2 | 386.3 |
| 170°   | 387.8 | 387.6 | 387.5 | 387.4 | 387.4 | 387.3 | 387.8 | 388.3 | 388.8 | 389.4 | 389.4 |
| 172.5° | 390.1 | 389.9 | 389.9 | 389.8 | 389.7 | 389.6 | 390.2 | 390.7 | 391.2 | 391.7 | 391.8 |
| 175°   | 393.0 | 392.9 | 392.8 | 392.6 | 392.4 | 392.3 | 392.8 | 393.3 | 393.8 | 394.4 | 394.4 |
| 177.5° | 394.5 | 394.3 | 394.2 | 394.1 | 393.9 | 393.8 | 394.2 | 394.5 | 394.8 | 395.2 | 395.2 |
| 180°   | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 |



TEST NUMBER: P331421-830

CATALOG NUMBER: SA2XXDIP-C1005D330U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5°   | 1802.6 | 1801.5 | 1801.5 | 1796.3 | 1801.5 | 1801.5 | 1802.6 | 1808.4 | 1810.2 | 1811.3 | 1809.0 |
| 5°     | 1672.2 | 1670.0 | 1666.4 | 1670.0 | 1666.4 | 1670.0 | 1672.2 | 1682.2 | 1687.3 | 1692.4 | 1696.8 |
| 7.5°   | 1543.1 | 1534.5 | 1533.2 | 1524.7 | 1533.2 | 1534.5 | 1543.1 | 1547.9 | 1558.0 | 1569.4 | 1579.9 |
| 10°    | 1449.0 | 1443.2 | 1442.5 | 1428.7 | 1442.5 | 1443.2 | 1449.0 | 1461.2 | 1471.4 | 1485.1 | 1499.5 |
| 12.5°  | 1377.3 | 1363.5 | 1366.2 | 1358.2 | 1366.2 | 1363.5 | 1377.3 | 1377.4 | 1389.3 | 1397.8 | 1420.4 |
| 15°    | 1253.2 | 1253.2 | 1250.4 | 1238.0 | 1250.4 | 1253.2 | 1253.2 | 1272.7 | 1276.3 | 1290.1 | 1309.6 |
| 17.5°  | 1164.1 | 1162.6 | 1155.7 | 1159.1 | 1155.7 | 1162.6 | 1164.1 | 1178.4 | 1180.8 | 1199.2 | 1215.2 |
| 20°    | 1110.9 | 1106.6 | 1098.0 | 1098.0 | 1098.0 | 1106.6 | 1110.9 | 1118.9 | 1128.2 | 1139.1 | 1152.8 |
| 22.5°  | 1060.6 | 1060.4 | 1051.1 | 1054.0 | 1051.1 | 1060.4 | 1060.6 | 1068.0 | 1076.9 | 1088.8 | 1100.2 |
| 25°    | 1001.8 | 996.1  | 991.7  | 993.9  | 991.7  | 996.1  | 1001.8 | 1002.6 | 1012.7 | 1020.7 | 1027.8 |
| 27.5°  | 946.1  | 942.9  | 942.6  | 936.7  | 942.6  | 942.9  | 946.1  | 948.0  | 953.8  | 958.4  | 965.2  |
| 30°    | 913.7  | 906.5  | 908.0  | 904.4  | 908.0  | 906.5  | 913.7  | 914.5  | 917.4  | 920.2  | 928.2  |
| 32.5°  | 876.8  | 874.1  | 872.7  | 869.7  | 872.7  | 874.1  | 876.8  | 878.1  | 883.8  | 886.7  | 893.0  |
| 35°    | 826.3  | 827.1  | 823.4  | 824.9  | 823.4  | 827.1  | 826.3  | 827.7  | 828.5  | 831.4  | 837.2  |
| 37.5°  | 782.3  | 784.6  | 782.9  | 783.3  | 782.9  | 784.6  | 782.3  | 783.0  | 783.7  | 784.2  | 785.9  |
| 40°    | 753.4  | 753.4  | 753.4  | 755.5  | 753.4  | 753.4  | 753.4  | 751.2  | 752.0  | 751.2  | 751.2  |
| 42.5°  | 725.7  | 724.5  | 723.3  | 723.2  | 723.3  | 724.5  | 725.7  | 720.6  | 723.0  | 720.6  | 719.4  |
| 45°    | 678.3  | 680.4  | 681.2  | 677.5  | 681.2  | 680.4  | 678.3  | 676.8  | 674.7  | 673.9  | 673.2  |
| 47.5°  | 635.4  | 635.7  | 635.4  | 638.6  | 635.4  | 635.7  | 635.4  | 633.5  | 630.2  | 628.9  | 625.4  |
| 50°    | 605.3  | 603.9  | 605.3  | 603.9  | 605.3  | 603.9  | 605.3  | 601.7  | 599.6  | 595.9  | 593.0  |
| 52.5°  | 573.5  | 573.8  | 573.0  | 572.7  | 573.0  | 573.8  | 573.5  | 568.7  | 567.8  | 566.5  | 561.8  |
| 55°    | 523.7  | 525.1  | 524.4  | 524.4  | 524.4  | 525.1  | 523.7  | 520.8  | 520.1  | 515.8  | 511.4  |
| 57.5°  | 472.1  | 473.4  | 474.4  | 471.3  | 474.4  | 473.4  | 472.1  | 471.6  | 471.3  | 466.7  | 462.0  |
| 60°    | 436.3  | 439.9  | 439.1  | 437.7  | 439.1  | 439.9  | 436.3  | 437.0  | 434.8  | 432.0  | 429.0  |
| 62.5°  | 403.3  | 404.6  | 404.5  | 404.3  | 404.5  | 404.6  | 403.3  | 400.0  | 399.0  | 396.2  | 393.2  |
| 65°    | 352.5  | 353.9  | 351.8  | 353.9  | 351.8  | 353.9  | 352.5  | 350.3  | 345.3  | 343.8  | 340.9  |
| 67.5°  | 297.7  | 298.2  | 299.7  | 300.8  | 299.7  | 298.2  | 297.7  | 298.6  | 295.3  | 292.6  | 292.0  |
| 70°    | 263.6  | 263.0  | 265.1  | 267.3  | 265.1  | 263.0  | 263.6  | 262.2  | 260.0  | 257.9  | 255.0  |
| 72.5°  | 227.8  | 229.4  | 228.7  | 230.3  | 228.7  | 229.4  | 227.8  | 228.1  | 225.9  | 223.2  | 220.3  |
| 75°    | 175.5  | 177.7  | 177.0  | 179.2  | 177.0  | 177.7  | 175.5  | 177.0  | 175.5  | 172.7  | 169.8  |
| 77.5°  | 126.9  | 127.1  | 126.9  | 128.0  | 126.9  | 127.1  | 126.9  | 128.0  | 126.4  | 127.4  | 124.1  |
| 80°    | 96.8   | 95.4   | 93.9   | 96.8   | 93.9   | 95.4   | 96.8   | 96.8   | 94.6   | 96.8   | 94.6   |
| 82.5°  | 67.3   | 68.1   | 66.7   | 66.7   | 66.7   | 68.1   | 67.3   | 69.1   | 68.1   | 69.1   | 66.9   |
| 85°    | 31.1   | 30.3   | 28.9   | 28.9   | 28.9   | 30.3   | 31.1   | 31.1   | 33.3   | 31.8   | 31.8   |
| 87.5°  | 8.0    | 7.4    | 7.4    | 6.9    | 7.4    | 7.4    | 8.0    | 8.0    | 8.0    | 9.1    | 9.2    |
| 90°    | 11.1   | 11.2   | 11.2   | 11.3   | 11.2   | 11.2   | 11.1   | 11.0   | 11.0   | 11.2   | 11.4   |
| 92.5°  | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   |
| 95°    | 21.1   | 20.9   | 20.8   | 20.6   | 20.8   | 20.9   | 21.1   | 21.2   | 21.3   | 21.3   | 21.3   |
| 97.5°  | 35.8   | 35.8   | 35.8   | 35.7   | 35.8   | 35.8   | 35.8   | 35.8   | 35.8   | 35.8   | 35.8   |
| 100°   | 45.8   | 45.8   | 45.7   | 45.6   | 45.7   | 45.8   | 45.8   | 45.9   | 46.0   | 46.0   | 46.0   |
| 102.5° | 57.0   | 56.9   | 56.9   | 56.8   | 56.9   | 56.9   | 57.0   | 57.1   | 57.1   | 57.0   | 57.0   |
| 105°   | 73.9   | 73.9   | 73.9   | 73.9   | 73.9   | 73.9   | 73.9   | 73.9   | 73.9   | 73.7   | 73.5   |
| 107.5° | 91.0   | 90.8   | 90.4   | 90.0   | 90.4   | 90.8   | 91.0   | 91.4   | 91.5   | 91.5   | 91.4   |
| 110°   | 103.2  | 103.0  | 102.8  | 102.5  | 102.8  | 103.0  | 103.2  | 103.5  | 103.6  | 103.6  | 103.6  |



TEST NUMBER: P331421-830

CATALOG NUMBER: SA2XXDIP-C1005D330U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 115.1 | 114.9 | 114.7 | 114.5 | 114.7 | 114.9 | 115.1 | 115.2 | 115.4 | 115.6 | 115.7 |
| 115°   | 133.8 | 133.7 | 133.5 | 133.2 | 133.5 | 133.7 | 133.8 | 134.1 | 134.2 | 134.3 | 134.4 |
| 117.5° | 151.7 | 151.5 | 151.2 | 151.0 | 151.2 | 151.5 | 151.7 | 151.8 | 152.0 | 152.2 | 152.4 |
| 120°   | 164.2 | 163.9 | 163.7 | 163.5 | 163.7 | 163.9 | 164.2 | 164.4 | 164.5 | 164.5 | 164.5 |
| 122.5° | 176.3 | 176.1 | 175.9 | 175.8 | 175.9 | 176.1 | 176.3 | 176.4 | 176.5 | 176.7 | 176.9 |
| 125°   | 194.7 | 194.6 | 194.5 | 194.4 | 194.5 | 194.6 | 194.7 | 194.7 | 194.9 | 195.1 | 195.4 |
| 127.5° | 212.3 | 212.0 | 211.8 | 211.5 | 211.8 | 212.0 | 212.3 | 212.4 | 212.7 | 213.0 | 213.3 |
| 130°   | 224.7 | 224.3 | 224.0 | 223.8 | 224.0 | 224.3 | 224.7 | 225.0 | 225.2 | 225.4 | 225.5 |
| 132.5° | 236.2 | 236.0 | 235.7 | 235.5 | 235.7 | 236.0 | 236.2 | 236.5 | 236.8 | 237.0 | 237.3 |
| 135°   | 254.4 | 254.2 | 254.0 | 253.7 | 254.0 | 254.2 | 254.4 | 254.7 | 254.8 | 254.9 | 255.0 |
| 137.5° | 271.2 | 270.9 | 270.6 | 270.2 | 270.6 | 270.9 | 271.2 | 271.5 | 271.6 | 271.6 | 271.7 |
| 140°   | 282.6 | 282.3 | 282.0 | 281.7 | 282.0 | 282.3 | 282.6 | 282.9 | 283.0 | 283.0 | 283.0 |
| 142.5° | 293.0 | 292.7 | 292.4 | 292.1 | 292.4 | 292.7 | 293.0 | 293.3 | 293.4 | 293.3 | 293.3 |
| 145°   | 308.6 | 308.3 | 308.0 | 307.6 | 308.0 | 308.3 | 308.6 | 308.9 | 309.0 | 308.9 | 308.9 |
| 147.5° | 322.4 | 322.2 | 321.9 | 321.6 | 321.9 | 322.2 | 322.4 | 322.7 | 322.8 | 322.6 | 322.4 |
| 150°   | 331.3 | 331.1 | 330.9 | 330.6 | 330.9 | 331.1 | 331.3 | 331.6 | 331.6 | 331.3 | 331.1 |
| 152.5° | 340.1 | 339.8 | 339.5 | 339.2 | 339.5 | 339.8 | 340.1 | 340.4 | 340.4 | 340.1 | 339.8 |
| 155°   | 351.3 | 351.1 | 350.9 | 350.6 | 350.9 | 351.1 | 351.3 | 351.6 | 351.5 | 351.1 | 350.7 |
| 157.5° | 361.6 | 361.2 | 360.9 | 360.5 | 360.9 | 361.2 | 361.6 | 361.9 | 361.8 | 361.4 | 360.8 |
| 160°   | 367.5 | 367.2 | 366.9 | 366.6 | 366.9 | 367.2 | 367.5 | 367.8 | 367.8 | 367.3 | 366.8 |
| 162.5° | 373.1 | 372.7 | 372.3 | 371.9 | 372.3 | 372.7 | 373.1 | 373.3 | 373.3 | 372.8 | 372.3 |
| 165°   | 380.0 | 379.7 | 379.3 | 379.0 | 379.3 | 379.7 | 380.0 | 380.4 | 380.3 | 379.8 | 379.3 |
| 167.5° | 385.9 | 385.4 | 385.0 | 384.7 | 385.0 | 385.4 | 385.9 | 386.3 | 386.2 | 385.6 | 385.1 |
| 170°   | 389.0 | 388.5 | 388.0 | 387.6 | 388.0 | 388.5 | 389.0 | 389.4 | 389.4 | 388.8 | 388.3 |
| 172.5° | 391.3 | 390.9 | 390.5 | 390.0 | 390.5 | 390.9 | 391.3 | 391.8 | 391.7 | 391.2 | 390.7 |
| 175°   | 394.0 | 393.5 | 393.0 | 392.6 | 393.0 | 393.5 | 394.0 | 394.4 | 394.4 | 393.8 | 393.3 |
| 177.5° | 394.8 | 394.5 | 394.2 | 393.8 | 394.2 | 394.5 | 394.8 | 395.2 | 395.2 | 394.8 | 394.5 |
| 180°   | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 |



TEST NUMBER: P331421-830

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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5°   | 1806.1 | 1812.4 | 1822.3 | 1832.7 | 1839.0 | 1851.2 | 1854.6 | 1860.4 | 1865.6 | 1877.7 | 1890.5 |
| 5°     | 1701.8 | 1711.9 | 1735.7 | 1748.7 | 1766.8 | 1787.7 | 1801.5 | 1815.9 | 1831.8 | 1859.3 | 1884.5 |
| 7.5°   | 1590.0 | 1606.8 | 1636.4 | 1660.8 | 1686.5 | 1716.6 | 1738.1 | 1766.8 | 1790.5 | 1829.2 | 1866.1 |
| 10°    | 1515.4 | 1539.3 | 1566.0 | 1594.9 | 1631.0 | 1662.7 | 1693.1 | 1729.2 | 1758.1 | 1804.3 | 1847.7 |
| 12.5°  | 1448.4 | 1452.0 | 1490.3 | 1522.1 | 1571.5 | 1610.8 | 1645.8 | 1692.2 | 1720.5 | 1775.5 | 1821.1 |
| 15°    | 1331.2 | 1352.9 | 1387.6 | 1412.9 | 1471.4 | 1521.2 | 1570.3 | 1618.7 | 1651.2 | 1719.1 | 1779.0 |
| 17.5°  | 1232.6 | 1252.5 | 1288.1 | 1329.5 | 1371.5 | 1421.1 | 1484.7 | 1535.7 | 1579.9 | 1657.5 | 1728.3 |
| 20°    | 1170.2 | 1194.7 | 1230.9 | 1273.5 | 1310.3 | 1364.4 | 1419.4 | 1477.9 | 1525.5 | 1613.0 | 1696.0 |
| 22.5°  | 1117.0 | 1136.3 | 1165.5 | 1207.6 | 1247.8 | 1297.4 | 1357.5 | 1421.3 | 1471.2 | 1565.6 | 1649.7 |
| 25°    | 1042.3 | 1058.2 | 1076.9 | 1111.6 | 1157.2 | 1211.4 | 1258.3 | 1328.3 | 1401.3 | 1489.4 | 1591.3 |
| 27.5°  | 975.0  | 986.3  | 1002.9 | 1033.3 | 1068.6 | 1119.3 | 1171.5 | 1237.9 | 1311.3 | 1406.9 | 1514.4 |
| 30°    | 934.0  | 941.2  | 957.8  | 983.1  | 1017.8 | 1057.4 | 1110.2 | 1173.7 | 1248.9 | 1345.7 | 1452.6 |
| 32.5°  | 898.1  | 904.7  | 915.6  | 939.7  | 969.8  | 1003.7 | 1051.2 | 1114.8 | 1186.5 | 1281.6 | 1400.0 |
| 35°    | 844.4  | 849.4  | 858.8  | 878.4  | 894.9  | 928.2  | 967.9  | 1025.7 | 1092.9 | 1183.9 | 1306.6 |
| 37.5°  | 790.8  | 797.8  | 803.5  | 811.7  | 833.1  | 855.0  | 889.5  | 938.3  | 1004.2 | 1096.1 | 1213.1 |
| 40°    | 755.5  | 761.3  | 770.0  | 773.6  | 791.0  | 810.4  | 838.6  | 883.4  | 949.9  | 1033.6 | 1147.7 |
| 42.5°  | 719.7  | 725.5  | 730.7  | 734.9  | 749.9  | 767.1  | 792.4  | 830.9  | 889.8  | 971.2  | 1084.2 |
| 45°    | 671.0  | 671.8  | 676.8  | 684.8  | 692.0  | 704.3  | 722.4  | 755.5  | 801.1  | 877.6  | 980.1  |
| 47.5°  | 621.6  | 622.5  | 623.4  | 626.8  | 634.8  | 645.9  | 657.9  | 684.9  | 725.7  | 786.7  | 886.6  |
| 50°    | 588.7  | 587.2  | 588.7  | 591.5  | 596.6  | 606.1  | 619.7  | 639.2  | 672.5  | 729.5  | 821.2  |
| 52.5°  | 556.9  | 556.7  | 555.7  | 556.9  | 560.8  | 567.3  | 577.0  | 593.6  | 623.4  | 675.8  | 756.6  |
| 55°    | 508.5  | 504.9  | 505.6  | 502.8  | 509.3  | 510.7  | 517.9  | 531.6  | 557.6  | 593.7  | 669.6  |
| 57.5°  | 456.9  | 453.9  | 450.7  | 449.9  | 449.3  | 453.2  | 458.9  | 469.8  | 489.7  | 521.4  | 582.9  |
| 60°    | 424.0  | 420.4  | 416.0  | 414.6  | 414.6  | 416.8  | 419.7  | 427.6  | 446.4  | 474.6  | 525.1  |
| 62.5°  | 390.5  | 386.3  | 383.7  | 379.9  | 378.8  | 381.0  | 383.8  | 389.5  | 403.0  | 429.5  | 473.2  |
| 65°    | 338.7  | 333.8  | 330.1  | 329.4  | 327.9  | 325.7  | 327.3  | 333.0  | 343.8  | 364.8  | 399.4  |
| 67.5°  | 286.9  | 282.1  | 281.3  | 277.1  | 275.0  | 275.3  | 275.0  | 279.9  | 286.4  | 304.5  | 330.4  |
| 70°    | 252.8  | 249.2  | 247.8  | 244.1  | 242.7  | 241.3  | 239.8  | 244.1  | 250.6  | 265.8  | 288.2  |
| 72.5°  | 218.1  | 215.1  | 211.9  | 208.9  | 209.2  | 207.7  | 207.5  | 210.1  | 215.4  | 229.4  | 246.6  |
| 75°    | 168.3  | 169.0  | 165.4  | 161.8  | 161.1  | 159.7  | 159.7  | 161.8  | 164.0  | 174.8  | 188.5  |
| 77.5°  | 122.1  | 121.5  | 118.5  | 117.3  | 116.6  | 115.0  | 116.6  | 118.0  | 119.1  | 126.4  | 136.5  |
| 80°    | 93.2   | 93.2   | 89.5   | 89.5   | 88.9   | 86.7   | 88.9   | 87.4   | 90.3   | 97.6   | 104.7  |
| 82.5°  | 66.6   | 65.4   | 65.3   | 64.2   | 64.0   | 62.4   | 63.4   | 64.8   | 66.0   | 71.0   | 75.3   |
| 85°    | 32.5   | 32.5   | 31.8   | 31.1   | 31.8   | 31.1   | 31.8   | 32.5   | 33.3   | 35.4   | 39.0   |
| 87.5°  | 9.2    | 9.8    | 10.1   | 10.4   | 10.0   | 10.3   | 10.6   | 11.0   | 12.0   | 12.3   | 12.8   |
| 90°    | 11.5   | 11.7   | 10.0   | 8.4    | 6.8    | 5.2    | 3.9    | 3.0    | 2.1    | 1.2    | 0.4    |
| 92.5°  | 10.7   | 10.6   | 10.2   | 9.8    | 9.4    | 9.0    | 8.6    | 7.9    | 7.3    | 6.6    | 5.9    |
| 95°    | 21.3   | 21.3   | 21.2   | 21.0   | 20.8   | 20.7   | 20.3   | 19.5   | 18.8   | 18.1   | 17.3   |
| 97.5°  | 35.8   | 35.8   | 35.5   | 35.3   | 35.0   | 34.7   | 34.2   | 33.6   | 32.9   | 32.3   | 31.7   |
| 100°   | 46.0   | 46.0   | 45.7   | 45.5   | 45.2   | 45.1   | 44.7   | 44.1   | 43.5   | 42.9   | 42.3   |
| 102.5° | 56.9   | 56.8   | 56.6   | 56.3   | 56.0   | 55.8   | 55.3   | 54.9   | 54.4   | 53.9   | 53.4   |
| 105°   | 73.4   | 73.2   | 73.1   | 73.0   | 72.9   | 72.7   | 72.5   | 72.3   | 72.0   | 71.8   | 71.6   |
| 107.5° | 91.3   | 91.3   | 91.3   | 91.3   | 91.3   | 91.3   | 91.1   | 90.9   | 90.5   | 90.2   | 89.8   |
| 110°   | 103.6  | 103.6  | 103.6  | 103.6  | 103.6  | 103.6  | 103.3  | 102.9  | 102.5  | 102.0  | 101.6  |



TEST NUMBER: P331421-830

CATALOG NUMBER: SA2XXDIP-C1005D330U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 115.9 | 116.1 | 116.1 | 116.2 | 116.2 | 116.3 | 116.1 | 115.6 | 115.3 | 114.8 | 114.3 |
| 115°   | 134.5 | 134.5 | 134.7 | 134.8 | 135.0 | 135.2 | 135.0 | 134.5 | 134.1 | 133.7 | 133.2 |
| 117.5° | 152.6 | 152.8 | 153.2 | 153.6 | 154.0 | 154.5 | 154.4 | 153.7 | 153.2 | 152.6 | 151.9 |
| 120°   | 164.5 | 164.5 | 165.1 | 165.7 | 166.3 | 166.8 | 166.8 | 166.3 | 165.7 | 165.1 | 164.5 |
| 122.5° | 177.1 | 177.3 | 177.7 | 178.1 | 178.5 | 179.0 | 178.8 | 178.0 | 177.4 | 176.6 | 176.0 |
| 125°   | 195.6 | 195.8 | 196.0 | 196.2 | 196.4 | 196.7 | 196.4 | 195.8 | 195.1 | 194.4 | 193.8 |
| 127.5° | 213.5 | 213.8 | 214.1 | 214.3 | 214.6 | 214.8 | 214.5 | 213.7 | 212.9 | 212.1 | 211.2 |
| 130°   | 225.6 | 225.7 | 225.9 | 226.1 | 226.2 | 226.4 | 225.9 | 225.0 | 224.0 | 223.1 | 222.2 |
| 132.5° | 237.7 | 238.0 | 238.0 | 238.0 | 237.9 | 237.9 | 237.5 | 236.7 | 235.9 | 235.2 | 234.4 |
| 135°   | 255.0 | 255.1 | 255.0 | 254.8 | 254.7 | 254.5 | 254.0 | 253.2 | 252.4 | 251.6 | 250.7 |
| 137.5° | 271.8 | 271.8 | 271.6 | 271.5 | 271.3 | 271.1 | 270.7 | 270.0 | 269.3 | 268.6 | 268.0 |
| 140°   | 283.0 | 283.0 | 282.7 | 282.3 | 281.9 | 281.5 | 281.1 | 280.4 | 279.7 | 279.1 | 278.4 |
| 142.5° | 293.2 | 293.1 | 292.9 | 292.7 | 292.4 | 292.2 | 291.7 | 291.1 | 290.4 | 289.7 | 289.1 |
| 145°   | 308.8 | 308.7 | 308.2 | 307.8 | 307.4 | 306.9 | 306.4 | 305.9 | 305.4 | 304.9 | 304.3 |
| 147.5° | 322.3 | 322.2 | 321.9 | 321.6 | 321.2 | 320.9 | 320.5 | 319.9 | 319.2 | 318.7 | 318.0 |
| 150°   | 330.9 | 330.6 | 330.4 | 330.1 | 329.8 | 329.5 | 329.1 | 328.7 | 328.2 | 327.8 | 327.3 |
| 152.5° | 339.5 | 339.2 | 338.8 | 338.5 | 338.1 | 337.8 | 337.3 | 337.0 | 336.5 | 336.0 | 335.6 |
| 155°   | 350.3 | 350.0 | 349.8 | 349.5 | 349.3 | 349.1 | 348.8 | 348.6 | 348.5 | 348.2 | 348.0 |
| 157.5° | 360.3 | 359.9 | 359.7 | 359.6 | 359.5 | 359.3 | 359.2 | 359.0 | 358.8 | 358.7 | 358.5 |
| 160°   | 366.4 | 366.0 | 365.9 | 365.8 | 365.7 | 365.7 | 365.5 | 365.4 | 365.2 | 365.1 | 365.0 |
| 162.5° | 371.8 | 371.3 | 371.3 | 371.2 | 371.1 | 371.0 | 371.0 | 370.9 | 370.9 | 370.9 | 370.8 |
| 165°   | 378.8 | 378.2 | 378.2 | 378.2 | 378.2 | 378.2 | 378.3 | 378.4 | 378.4 | 378.5 | 378.6 |
| 167.5° | 384.6 | 384.1 | 384.1 | 384.1 | 384.1 | 384.2 | 384.3 | 384.5 | 384.7 | 384.9 | 385.1 |
| 170°   | 387.8 | 387.3 | 387.4 | 387.4 | 387.5 | 387.6 | 387.8 | 388.0 | 388.1 | 388.4 | 388.6 |
| 172.5° | 390.2 | 389.6 | 389.7 | 389.8 | 389.9 | 389.9 | 390.1 | 390.3 | 390.6 | 390.8 | 391.0 |
| 175°   | 392.8 | 392.3 | 392.4 | 392.6 | 392.8 | 392.9 | 393.0 | 393.2 | 393.5 | 393.7 | 394.0 |
| 177.5° | 394.2 | 393.8 | 393.9 | 394.1 | 394.2 | 394.3 | 394.5 | 394.6 | 394.7 | 394.9 | 395.1 |
| 180°   | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 |



TEST NUMBER: P331421-830

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**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5°   | 1889.3 | 1892.2 | 1901.4 | 1910.7 | 1921.1 | 1924.0 | 1928.6 | 1924.6 | 1923.4 | 1934.4 | 1942.5 |
| 5°     | 1894.6 | 1907.6 | 1933.0 | 1956.1 | 1975.6 | 1989.2 | 2003.8 | 2009.5 | 2020.3 | 2035.5 | 2054.3 |
| 7.5°   | 1888.6 | 1913.8 | 1953.6 | 1987.3 | 2023.9 | 2050.4 | 2071.0 | 2088.7 | 2110.1 | 2138.8 | 2170.1 |
| 10°    | 1881.6 | 1915.6 | 1964.0 | 2005.2 | 2049.9 | 2083.9 | 2112.0 | 2139.5 | 2171.3 | 2211.0 | 2252.2 |
| 12.5°  | 1869.0 | 1909.2 | 1969.7 | 2018.5 | 2075.9 | 2109.3 | 2147.3 | 2206.6 | 2240.6 | 2295.9 | 2353.9 |
| 15°    | 1843.3 | 1888.1 | 1972.6 | 2032.6 | 2097.6 | 2161.2 | 2231.3 | 2287.6 | 2343.9 | 2376.4 | 2458.1 |
| 17.5°  | 1805.3 | 1871.1 | 1964.7 | 2034.7 | 2117.2 | 2217.3 | 2296.1 | 2359.9 | 2425.0 | 2477.7 | 2518.6 |
| 20°    | 1774.7 | 1846.3 | 1953.1 | 2036.9 | 2135.1 | 2242.8 | 2333.1 | 2398.1 | 2454.5 | 2498.5 | 2523.8 |
| 22.5°  | 1736.0 | 1826.0 | 1930.0 | 2028.3 | 2153.7 | 2260.1 | 2355.0 | 2406.2 | 2453.2 | 2474.8 | 2484.4 |
| 25°    | 1675.1 | 1783.4 | 1901.1 | 2021.1 | 2162.7 | 2275.3 | 2362.0 | 2393.0 | 2406.8 | 2385.9 | 2351.2 |
| 27.5°  | 1609.3 | 1730.1 | 1867.7 | 2007.4 | 2157.1 | 2265.5 | 2327.6 | 2322.7 | 2299.4 | 2231.7 | 2177.5 |
| 30°    | 1560.2 | 1693.1 | 1841.2 | 1993.6 | 2143.8 | 2249.3 | 2285.4 | 2249.3 | 2196.6 | 2120.7 | 2043.4 |
| 32.5°  | 1508.8 | 1646.3 | 1812.9 | 1974.0 | 2119.6 | 2212.3 | 2220.2 | 2158.0 | 2076.4 | 1990.2 | 1893.8 |
| 35°    | 1430.9 | 1579.7 | 1759.5 | 1930.0 | 2068.0 | 2126.5 | 2091.9 | 1982.1 | 1885.3 | 1767.6 | 1636.1 |
| 37.5°  | 1342.9 | 1507.2 | 1687.6 | 1865.8 | 1990.7 | 2006.0 | 1920.0 | 1804.3 | 1667.8 | 1529.5 | 1374.7 |
| 40°    | 1277.1 | 1451.1 | 1636.8 | 1816.7 | 1927.1 | 1911.3 | 1801.5 | 1674.3 | 1511.8 | 1342.7 | 1199.0 |
| 42.5°  | 1218.1 | 1392.2 | 1581.3 | 1757.7 | 1846.3 | 1802.6 | 1674.3 | 1518.3 | 1343.7 | 1184.5 | 1052.8 |
| 45°    | 1116.0 | 1295.1 | 1488.7 | 1659.2 | 1709.8 | 1631.0 | 1461.2 | 1287.9 | 1116.0 | 983.1  | 879.1  |
| 47.5°  | 1016.9 | 1194.0 | 1385.7 | 1535.5 | 1553.4 | 1447.6 | 1262.1 | 1083.6 | 935.9  | 827.6  | 754.2  |
| 50°    | 944.1  | 1121.7 | 1311.7 | 1445.4 | 1439.5 | 1311.7 | 1121.1 | 951.3  | 827.7  | 740.4  | 691.3  |
| 52.5°  | 878.7  | 1046.6 | 1229.1 | 1350.6 | 1319.9 | 1180.5 | 998.5  | 847.8  | 746.3  | 678.0  | 633.5  |
| 55°    | 777.2  | 932.6  | 1105.9 | 1203.3 | 1147.1 | 992.5  | 838.6  | 717.3  | 642.2  | 590.9  | 556.2  |
| 57.5°  | 676.4  | 822.0  | 970.3  | 1030.5 | 968.2  | 825.5  | 697.2  | 609.2  | 552.7  | 514.7  | 492.2  |
| 60°    | 614.0  | 741.1  | 873.3  | 925.3  | 850.9  | 723.8  | 622.6  | 543.9  | 498.4  | 467.3  | 447.1  |
| 62.5°  | 551.6  | 665.4  | 790.0  | 818.4  | 750.4  | 642.9  | 553.3  | 487.9  | 450.4  | 422.8  | 403.8  |
| 65°    | 466.7  | 559.8  | 654.4  | 673.2  | 610.4  | 527.3  | 456.5  | 413.9  | 380.7  | 360.4  | 345.3  |
| 67.5°  | 382.7  | 457.5  | 524.5  | 539.7  | 484.7  | 427.1  | 375.9  | 338.7  | 316.2  | 299.4  | 286.6  |
| 70°    | 333.0  | 392.2  | 447.1  | 459.4  | 415.4  | 364.0  | 325.1  | 295.4  | 275.2  | 260.8  | 248.5  |
| 72.5°  | 280.4  | 329.8  | 375.4  | 383.7  | 347.7  | 308.6  | 276.5  | 253.3  | 235.4  | 226.1  | 214.4  |
| 75°    | 214.5  | 243.5  | 278.8  | 281.0  | 257.1  | 233.3  | 208.8  | 193.6  | 184.2  | 172.7  | 166.8  |
| 77.5°  | 151.4  | 174.1  | 194.3  | 198.2  | 184.1  | 167.9  | 154.1  | 142.1  | 134.2  | 128.8  | 123.5  |
| 80°    | 115.6  | 133.7  | 142.3  | 147.3  | 137.2  | 125.6  | 117.7  | 109.8  | 104.7  | 101.1  | 97.6   |
| 82.5°  | 82.7   | 93.8   | 101.9  | 105.8  | 100.3  | 93.3   | 85.4   | 80.9   | 77.0   | 74.0   | 72.7   |
| 85°    | 41.8   | 46.9   | 52.0   | 53.4   | 52.0   | 49.1   | 44.8   | 44.8   | 42.6   | 41.8   | 41.8   |
| 87.5°  | 14.7   | 17.2   | 17.3   | 19.2   | 18.4   | 18.7   | 19.0   | 18.8   | 18.5   | 17.9   | 17.3   |
| 90°    | 1.2    | 2.1    | 3.0    | 3.9    | 5.2    | 6.8    | 8.4    | 10.0   | 11.7   | 11.5   | 11.4   |
| 92.5°  | 6.6    | 7.3    | 7.9    | 8.6    | 9.0    | 9.4    | 9.8    | 10.2   | 10.6   | 10.7   | 10.7   |
| 95°    | 18.1   | 18.8   | 19.5   | 20.3   | 20.7   | 20.8   | 21.0   | 21.2   | 21.3   | 21.3   | 21.3   |
| 97.5°  | 32.3   | 32.9   | 33.6   | 34.2   | 34.7   | 35.0   | 35.3   | 35.5   | 35.8   | 35.8   | 35.8   |
| 100°   | 42.9   | 43.5   | 44.1   | 44.7   | 45.1   | 45.2   | 45.5   | 45.7   | 46.0   | 46.0   | 46.0   |
| 102.5° | 53.9   | 54.4   | 54.9   | 55.3   | 55.8   | 56.0   | 56.3   | 56.6   | 56.8   | 56.9   | 57.0   |
| 105°   | 71.8   | 72.0   | 72.3   | 72.5   | 72.7   | 72.9   | 73.0   | 73.1   | 73.2   | 73.4   | 73.5   |
| 107.5° | 90.2   | 90.5   | 90.9   | 91.1   | 91.3   | 91.3   | 91.3   | 91.3   | 91.3   | 91.3   | 91.4   |
| 110°   | 102.0  | 102.5  | 102.9  | 103.3  | 103.6  | 103.6  | 103.6  | 103.6  | 103.6  | 103.6  | 103.6  |





TEST NUMBER: P331421-830

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**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 114.8 | 115.3 | 115.6 | 116.1 | 116.3 | 116.2 | 116.2 | 116.1 | 116.1 | 115.9 | 115.7 |
| 115°   | 133.7 | 134.1 | 134.5 | 135.0 | 135.2 | 135.0 | 134.8 | 134.7 | 134.5 | 134.5 | 134.4 |
| 117.5° | 152.6 | 153.2 | 153.7 | 154.4 | 154.5 | 154.0 | 153.6 | 153.2 | 152.8 | 152.6 | 152.4 |
| 120°   | 165.1 | 165.7 | 166.3 | 166.8 | 166.8 | 166.3 | 165.7 | 165.1 | 164.5 | 164.5 | 164.5 |
| 122.5° | 176.6 | 177.4 | 178.0 | 178.8 | 179.0 | 178.5 | 178.1 | 177.7 | 177.3 | 177.1 | 176.9 |
| 125°   | 194.4 | 195.1 | 195.8 | 196.4 | 196.7 | 196.4 | 196.2 | 196.0 | 195.8 | 195.6 | 195.4 |
| 127.5° | 212.1 | 212.9 | 213.7 | 214.5 | 214.8 | 214.6 | 214.3 | 214.1 | 213.8 | 213.5 | 213.3 |
| 130°   | 223.1 | 224.0 | 225.0 | 225.9 | 226.4 | 226.2 | 226.1 | 225.9 | 225.7 | 225.6 | 225.5 |
| 132.5° | 235.2 | 235.9 | 236.7 | 237.5 | 237.9 | 237.9 | 238.0 | 238.0 | 238.0 | 237.7 | 237.3 |
| 135°   | 251.6 | 252.4 | 253.2 | 254.0 | 254.5 | 254.7 | 254.8 | 255.0 | 255.1 | 255.0 | 255.0 |
| 137.5° | 268.6 | 269.3 | 270.0 | 270.7 | 271.1 | 271.3 | 271.5 | 271.6 | 271.8 | 271.8 | 271.7 |
| 140°   | 279.1 | 279.7 | 280.4 | 281.1 | 281.5 | 281.9 | 282.3 | 282.7 | 283.0 | 283.0 | 283.0 |
| 142.5° | 289.7 | 290.4 | 291.1 | 291.7 | 292.2 | 292.4 | 292.7 | 292.9 | 293.1 | 293.2 | 293.3 |
| 145°   | 304.9 | 305.4 | 305.9 | 306.4 | 306.9 | 307.4 | 307.8 | 308.2 | 308.7 | 308.8 | 308.9 |
| 147.5° | 318.7 | 319.2 | 319.9 | 320.5 | 320.9 | 321.2 | 321.6 | 321.9 | 322.2 | 322.3 | 322.4 |
| 150°   | 327.8 | 328.2 | 328.7 | 329.1 | 329.5 | 329.8 | 330.1 | 330.4 | 330.6 | 330.9 | 331.1 |
| 152.5° | 336.0 | 336.5 | 337.0 | 337.3 | 337.8 | 338.1 | 338.5 | 338.8 | 339.2 | 339.5 | 339.8 |
| 155°   | 348.2 | 348.5 | 348.6 | 348.8 | 349.1 | 349.3 | 349.5 | 349.8 | 350.0 | 350.3 | 350.7 |
| 157.5° | 358.7 | 358.8 | 359.0 | 359.2 | 359.3 | 359.5 | 359.6 | 359.7 | 359.9 | 360.3 | 360.8 |
| 160°   | 365.1 | 365.2 | 365.4 | 365.5 | 365.7 | 365.7 | 365.8 | 365.9 | 366.0 | 366.4 | 366.8 |
| 162.5° | 370.9 | 370.9 | 370.9 | 371.0 | 371.0 | 371.1 | 371.2 | 371.3 | 371.3 | 371.8 | 372.3 |
| 165°   | 378.5 | 378.4 | 378.4 | 378.3 | 378.2 | 378.2 | 378.2 | 378.2 | 378.2 | 378.8 | 379.3 |
| 167.5° | 384.9 | 384.7 | 384.5 | 384.3 | 384.2 | 384.1 | 384.1 | 384.1 | 384.1 | 384.6 | 385.1 |
| 170°   | 388.4 | 388.1 | 388.0 | 387.8 | 387.6 | 387.5 | 387.4 | 387.4 | 387.3 | 387.8 | 388.3 |
| 172.5° | 390.8 | 390.6 | 390.3 | 390.1 | 389.9 | 389.9 | 389.8 | 389.7 | 389.6 | 390.2 | 390.7 |
| 175°   | 393.7 | 393.5 | 393.2 | 393.0 | 392.9 | 392.8 | 392.6 | 392.4 | 392.3 | 392.8 | 393.3 |
| 177.5° | 394.9 | 394.7 | 394.6 | 394.5 | 394.3 | 394.2 | 394.1 | 393.9 | 393.8 | 394.2 | 394.5 |
| 180°   | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 |



TEST NUMBER: P331421-830  
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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5°   | 1949.4 | 1957.5 | 1957.5 | 1958.6 | 1967.8 | 1966.7 | 1966.1 |
| 5°     | 2074.5 | 2086.8 | 2088.2 | 2101.2 | 2109.9 | 2107.0 | 2099.0 |
| 7.5°   | 2192.5 | 2215.4 | 2232.7 | 2242.4 | 2253.8 | 2260.9 | 2257.7 |
| 10°    | 2286.1 | 2319.4 | 2339.6 | 2353.3 | 2369.9 | 2382.2 | 2377.8 |
| 12.5°  | 2371.1 | 2410.6 | 2438.5 | 2461.9 | 2464.1 | 2479.8 | 2469.2 |
| 15°    | 2503.6 | 2545.4 | 2549.8 | 2567.1 | 2580.9 | 2579.4 | 2580.1 |
| 17.5°  | 2547.3 | 2560.8 | 2563.5 | 2563.9 | 2564.1 | 2559.0 | 2548.1 |
| 20°    | 2531.8 | 2526.7 | 2514.4 | 2505.0 | 2488.4 | 2486.2 | 2471.8 |
| 22.5°  | 2457.8 | 2441.8 | 2410.9 | 2390.6 | 2364.7 | 2358.0 | 2353.9 |
| 25°    | 2312.2 | 2276.7 | 2227.6 | 2180.7 | 2167.7 | 2142.4 | 2149.7 |
| 27.5°  | 2112.3 | 2057.2 | 2004.0 | 1965.9 | 1931.4 | 1893.5 | 1904.3 |
| 30°    | 1971.9 | 1909.8 | 1834.7 | 1776.9 | 1740.0 | 1703.9 | 1697.4 |
| 32.5°  | 1804.3 | 1713.4 | 1629.6 | 1578.7 | 1522.2 | 1499.4 | 1474.4 |
| 35°    | 1515.4 | 1426.5 | 1343.5 | 1272.0 | 1230.9 | 1199.0 | 1170.2 |
| 37.5°  | 1255.6 | 1153.3 | 1086.2 | 1028.3 | 998.5  | 980.3  | 985.0  |
| 40°    | 1094.3 | 1004.8 | 955.6  | 911.5  | 884.1  | 871.1  | 874.0  |
| 42.5°  | 963.7  | 896.6  | 856.2  | 826.0  | 806.7  | 799.5  | 797.8  |
| 45°    | 815.5  | 778.0  | 744.7  | 727.4  | 718.0  | 710.0  | 705.0  |
| 47.5°  | 714.4  | 683.7  | 665.0  | 654.7  | 646.5  | 638.4  | 638.2  |
| 50°    | 653.7  | 633.5  | 620.5  | 609.6  | 603.1  | 597.4  | 602.4  |
| 52.5°  | 607.5  | 589.0  | 576.0  | 566.3  | 563.8  | 558.6  | 558.5  |
| 55°    | 538.9  | 524.4  | 515.0  | 506.3  | 502.0  | 499.1  | 495.5  |
| 57.5°  | 476.5  | 462.7  | 454.0  | 448.6  | 440.4  | 437.4  | 436.3  |
| 60°    | 432.0  | 421.1  | 412.5  | 405.2  | 401.6  | 395.9  | 395.9  |
| 62.5°  | 390.9  | 380.1  | 372.0  | 366.5  | 360.6  | 358.3  | 358.8  |
| 65°    | 331.6  | 322.9  | 314.9  | 309.2  | 307.7  | 303.4  | 304.8  |
| 67.5°  | 276.9  | 271.2  | 262.8  | 259.6  | 256.8  | 254.6  | 252.8  |
| 70°    | 240.5  | 234.8  | 230.5  | 226.1  | 223.9  | 223.9  | 223.9  |
| 72.5°  | 209.9  | 202.9  | 200.4  | 194.9  | 196.1  | 193.9  | 191.5  |
| 75°    | 162.5  | 158.2  | 156.0  | 153.8  | 150.2  | 150.2  | 150.2  |
| 77.5°  | 119.6  | 118.3  | 115.7  | 113.4  | 112.5  | 111.8  | 112.1  |
| 80°    | 92.5   | 91.7   | 90.3   | 90.3   | 88.9   | 88.1   | 86.7   |
| 82.5°  | 71.1   | 69.2   | 68.3   | 67.8   | 67.5   | 67.3   | 67.0   |
| 85°    | 40.4   | 39.0   | 39.0   | 39.7   | 38.3   | 38.3   | 39.0   |
| 87.5°  | 17.8   | 17.8   | 17.2   | 17.2   | 17.8   | 17.2   | 17.2   |
| 90°    | 11.2   | 11.0   | 11.0   | 11.1   | 11.2   | 11.2   | 11.3   |
| 92.5°  | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   | 10.7   |
| 95°    | 21.3   | 21.3   | 21.2   | 21.1   | 20.9   | 20.8   | 20.6   |
| 97.5°  | 35.8   | 35.8   | 35.8   | 35.8   | 35.8   | 35.8   | 35.7   |
| 100°   | 46.0   | 46.0   | 45.9   | 45.8   | 45.8   | 45.7   | 45.6   |
| 102.5° | 57.0   | 57.1   | 57.1   | 57.0   | 56.9   | 56.9   | 56.8   |
| 105°   | 73.7   | 73.9   | 73.9   | 73.9   | 73.9   | 73.9   | 73.9   |
| 107.5° | 91.5   | 91.5   | 91.4   | 91.0   | 90.8   | 90.4   | 90.0   |
| 110°   | 103.6  | 103.6  | 103.5  | 103.2  | 103.0  | 102.8  | 102.5  |



TEST NUMBER: P331421-830

CATALOG NUMBER: SA2XXDIP-C1005D330U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 115.6 | 115.4 | 115.2 | 115.1 | 114.9 | 114.7 | 114.5 |
| 115°   | 134.3 | 134.2 | 134.1 | 133.8 | 133.7 | 133.5 | 133.2 |
| 117.5° | 152.2 | 152.0 | 151.8 | 151.7 | 151.5 | 151.2 | 151.0 |
| 120°   | 164.5 | 164.5 | 164.4 | 164.2 | 163.9 | 163.7 | 163.5 |
| 122.5° | 176.7 | 176.5 | 176.4 | 176.3 | 176.1 | 175.9 | 175.8 |
| 125°   | 195.1 | 194.9 | 194.7 | 194.7 | 194.6 | 194.5 | 194.4 |
| 127.5° | 213.0 | 212.7 | 212.4 | 212.3 | 212.0 | 211.8 | 211.5 |
| 130°   | 225.4 | 225.2 | 225.0 | 224.7 | 224.3 | 224.0 | 223.8 |
| 132.5° | 237.0 | 236.8 | 236.5 | 236.2 | 236.0 | 235.7 | 235.5 |
| 135°   | 254.9 | 254.8 | 254.7 | 254.4 | 254.2 | 254.0 | 253.7 |
| 137.5° | 271.6 | 271.6 | 271.5 | 271.2 | 270.9 | 270.6 | 270.2 |
| 140°   | 283.0 | 283.0 | 282.9 | 282.6 | 282.3 | 282.0 | 281.7 |
| 142.5° | 293.3 | 293.4 | 293.3 | 293.0 | 292.7 | 292.4 | 292.1 |
| 145°   | 308.9 | 309.0 | 308.9 | 308.6 | 308.3 | 308.0 | 307.6 |
| 147.5° | 322.6 | 322.8 | 322.7 | 322.4 | 322.2 | 321.9 | 321.6 |
| 150°   | 331.3 | 331.6 | 331.6 | 331.3 | 331.1 | 330.9 | 330.6 |
| 152.5° | 340.1 | 340.4 | 340.4 | 340.1 | 339.8 | 339.5 | 339.2 |
| 155°   | 351.1 | 351.5 | 351.6 | 351.3 | 351.1 | 350.9 | 350.6 |
| 157.5° | 361.4 | 361.8 | 361.9 | 361.6 | 361.2 | 360.9 | 360.5 |
| 160°   | 367.3 | 367.8 | 367.8 | 367.5 | 367.2 | 366.9 | 366.6 |
| 162.5° | 372.8 | 373.3 | 373.3 | 373.1 | 372.7 | 372.3 | 371.9 |
| 165°   | 379.8 | 380.3 | 380.4 | 380.0 | 379.7 | 379.3 | 379.0 |
| 167.5° | 385.6 | 386.2 | 386.3 | 385.9 | 385.4 | 385.0 | 384.7 |
| 170°   | 388.8 | 389.4 | 389.4 | 389.0 | 388.5 | 388.0 | 387.6 |
| 172.5° | 391.2 | 391.7 | 391.8 | 391.3 | 390.9 | 390.5 | 390.0 |
| 175°   | 393.8 | 394.4 | 394.4 | 394.0 | 393.5 | 393.0 | 392.6 |
| 177.5° | 394.8 | 395.2 | 395.2 | 394.8 | 394.5 | 394.2 | 393.8 |
| 180°   | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 | 394.6 |

(END OF REPORT)