

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: P331603-940

Luminaire Tested: **S122DIW-S1005D1240U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331603-940  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122DIW-S1005D1240U940-4F0-1E-UDD-A  
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1240 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8344.3 lumens  
Efficiency: N/A  
Efficacy: 109.5 lumens/watt  
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: General Diffuse

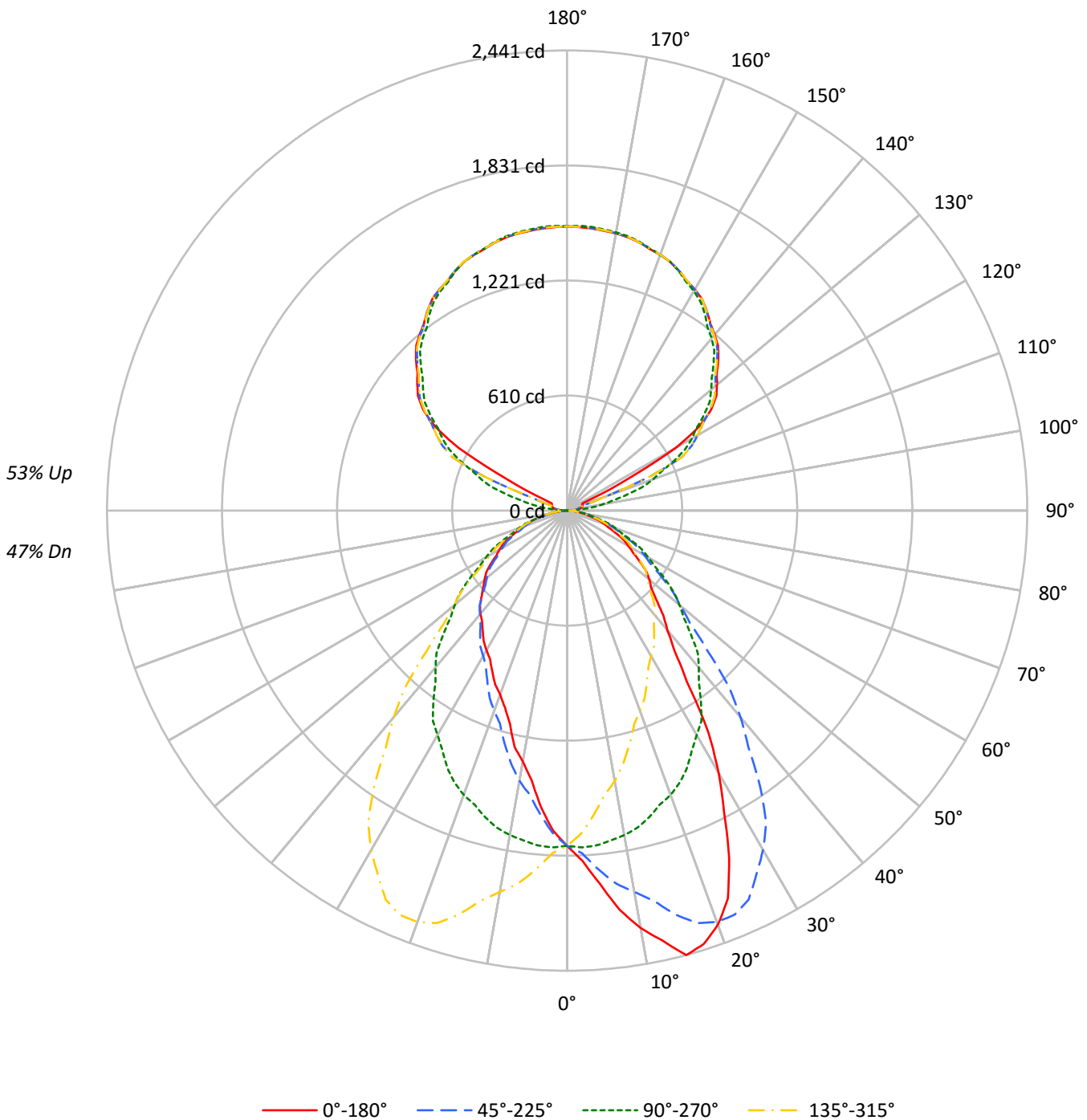
Input Watts (W): 76.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P331603-940

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 106 | 106 | 106 | 106 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 53 | 53 | 53 | 47 |
| 1   | 98  | 93  | 90  | 86  | 90 | 86 | 83 | 80 | 72 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 | 41 |
| 2   | 89  | 82  | 76  | 71  | 82 | 76 | 71 | 66 | 64 | 60 | 57 | 53 | 50 | 48 | 43 | 41 | 39 | 35 |
| 3   | 82  | 73  | 66  | 60  | 75 | 67 | 61 | 56 | 57 | 52 | 48 | 47 | 44 | 41 | 38 | 36 | 34 | 30 |
| 4   | 75  | 65  | 57  | 51  | 69 | 60 | 53 | 48 | 51 | 46 | 42 | 42 | 39 | 36 | 34 | 32 | 30 | 26 |
| 5   | 69  | 58  | 50  | 44  | 63 | 53 | 47 | 41 | 46 | 40 | 36 | 38 | 34 | 31 | 31 | 28 | 26 | 23 |
| 6   | 64  | 52  | 44  | 38  | 58 | 48 | 41 | 36 | 41 | 36 | 32 | 35 | 31 | 28 | 29 | 26 | 23 | 20 |
| 7   | 59  | 47  | 39  | 34  | 54 | 44 | 37 | 32 | 37 | 32 | 28 | 32 | 28 | 25 | 26 | 23 | 21 | 18 |
| 8   | 55  | 43  | 35  | 30  | 50 | 40 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 24 | 21 | 19 | 16 |
| 9   | 51  | 39  | 32  | 27  | 47 | 37 | 30 | 25 | 32 | 26 | 23 | 27 | 23 | 20 | 22 | 19 | 17 | 15 |
| 10  | 48  | 36  | 29  | 24  | 44 | 34 | 27 | 23 | 29 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 16 | 14 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 28709 | 28709 | 28709 | 28709 |
| 5°  | 32185 | 28896 | 25606 | 28896 |
| 10° | 36882 | 28658 | 22161 | 28658 |
| 15° | 40802 | 28134 | 19579 | 28134 |
| 20° | 40180 | 27569 | 17849 | 27569 |
| 25° | 36230 | 26820 | 16751 | 26820 |
| 30° | 29940 | 25620 | 15951 | 25620 |
| 35° | 21821 | 24366 | 15382 | 24366 |
| 40° | 17428 | 22885 | 15066 | 22885 |
| 45° | 15230 | 21174 | 14636 | 21174 |
| 50° | 14315 | 19515 | 14350 | 19515 |
| 55° | 13196 | 17833 | 13965 | 17833 |
| 60° | 12093 | 16043 | 13372 | 16043 |
| 65° | 11018 | 14437 | 12791 | 14437 |
| 70° | 10003 | 12873 | 11939 | 12873 |
| 75° | 8865  | 11123 | 10574 | 11123 |
| 80° | 7624  | 9214  | 8517  | 9214  |
| 85° | 6836  | 6836  | 5076  | 6836  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 169.3  | 2.0       |
| 10°-20°   | 492.3  | 5.9       |
| 20°-30°   | 714.5  | 8.6       |
| 30°-40°   | 754.0  | 9.0       |
| 40°-50°   | 667.6  | 8.0       |
| 50°-60°   | 532.7  | 6.4       |
| 60°-70°   | 362.1  | 4.3       |
| 70°-80°   | 185.6  | 2.2       |
| 80°-90°   | 48.5   | 0.6       |
| 90°-100°  | 50.3   | 0.6       |
| 100°-110° | 184.4  | 2.2       |
| 110°-120° | 492.9  | 5.9       |
| 120°-130° | 813.7  | 9.8       |
| 130°-140° | 865.3  | 10.4      |
| 140°-150° | 804.3  | 9.6       |
| 150°-160° | 646.7  | 7.7       |
| 160°-170° | 416.7  | 5.0       |
| 170°-180° | 143.4  | 1.7       |
| 0°-30°    | 1376.1 | 16.5      |
| 0°-40°    | 2130.1 | 25.5      |
| 0°-60°    | 3330.4 | 39.9      |
| 0°-90°    | 3926.6 | 47.1      |
| 90°-120°  | 727.6  | 8.7       |
| 90°-150°  | 3210.9 | 38.5      |
| 90°-180°  | 4418.0 | 52.9      |
| 0°-180°   | 8344.3 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1778 | 1778 | 1778 | 1778 | 1778 |      |
| 5°   | 1986 | 1783 | 1580 | 1783 | 1986 | 198  |
| 15°  | 2441 | 1683 | 1171 | 1683 | 2441 | 674  |
| 25°  | 2034 | 1506 | 940  | 1506 | 2034 | 919  |
| 35°  | 1107 | 1236 | 780  | 1236 | 1107 | 720  |
| 45°  | 667  | 927  | 641  | 927  | 667  | 524  |
| 55°  | 469  | 634  | 496  | 634  | 469  | 420  |
| 65°  | 288  | 378  | 335  | 378  | 288  | 287  |
| 75°  | 142  | 178  | 170  | 178  | 142  | 152  |
| 85°  | 37   | 37   | 27   | 37   | 37   | 41   |
| 90°  | 29   | 1    | 29   | 1    | 29   | 15   |
| 95°  | 47   | 71   | 47   | 71   | 47   | 44   |
| 105° | 83   | 332  | 83   | 332  | 83   | 86   |
| 115° | 89   | 627  | 89   | 627  | 89   | 224  |
| 125° | 933  | 887  | 933  | 887  | 933  | 807  |
| 135° | 1133 | 1097 | 1133 | 1097 | 1133 | 874  |
| 145° | 1293 | 1273 | 1293 | 1273 | 1293 | 808  |
| 155° | 1403 | 1402 | 1403 | 1402 | 1403 | 647  |
| 165° | 1474 | 1477 | 1474 | 1477 | 1474 | 416  |
| 175° | 1502 | 1511 | 1502 | 1511 | 1502 | 143  |
| 180° | 1507 | 1507 | 1507 | 1507 | 1507 |      |



TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5°   | 1860.1 | 1860.6 | 1861.7 | 1853.0 | 1851.9 | 1851.9 | 1844.2 | 1837.7 | 1830.1 | 1819.6 | 1820.8 |
| 5°     | 1985.8 | 1993.3 | 1996.1 | 1987.9 | 1975.6 | 1974.2 | 1962.7 | 1943.5 | 1925.7 | 1911.4 | 1901.1 |
| 7.5°   | 2135.9 | 2138.9 | 2132.3 | 2121.5 | 2112.3 | 2095.9 | 2074.3 | 2053.1 | 2023.5 | 1996.3 | 1976.0 |
| 10°    | 2249.6 | 2253.7 | 2242.1 | 2226.4 | 2213.4 | 2194.3 | 2162.8 | 2130.7 | 2091.8 | 2054.2 | 2024.1 |
| 12.5°  | 2336.0 | 2346.1 | 2331.2 | 2329.1 | 2306.9 | 2280.6 | 2243.2 | 2227.0 | 2172.1 | 2119.8 | 2087.6 |
| 15°    | 2441.0 | 2440.3 | 2441.7 | 2428.7 | 2412.3 | 2408.2 | 2368.6 | 2325.5 | 2248.3 | 2217.5 | 2164.2 |
| 17.5°  | 2410.7 | 2421.0 | 2425.8 | 2425.6 | 2425.3 | 2422.7 | 2409.9 | 2382.7 | 2344.0 | 2294.2 | 2232.7 |
| 20°    | 2338.5 | 2352.2 | 2354.2 | 2369.9 | 2378.8 | 2390.4 | 2395.2 | 2387.6 | 2363.7 | 2322.1 | 2268.8 |
| 22.5°  | 2227.0 | 2230.8 | 2237.2 | 2261.6 | 2280.9 | 2310.1 | 2325.2 | 2350.5 | 2341.4 | 2320.9 | 2276.4 |
| 25°    | 2033.7 | 2026.9 | 2050.8 | 2063.1 | 2107.5 | 2153.9 | 2187.5 | 2224.4 | 2257.2 | 2277.0 | 2264.0 |
| 27.5°  | 1801.6 | 1791.4 | 1827.2 | 1859.8 | 1896.0 | 1946.2 | 1998.4 | 2060.0 | 2111.3 | 2175.4 | 2197.4 |
| 30°    | 1605.9 | 1612.0 | 1646.2 | 1681.1 | 1735.7 | 1806.8 | 1865.5 | 1933.2 | 2006.3 | 2078.1 | 2128.0 |
| 32.5°  | 1394.9 | 1418.5 | 1440.1 | 1493.5 | 1541.7 | 1621.0 | 1707.0 | 1791.6 | 1882.8 | 1964.4 | 2041.7 |
| 35°    | 1107.1 | 1134.3 | 1164.5 | 1203.4 | 1271.0 | 1349.6 | 1433.7 | 1547.8 | 1672.2 | 1783.6 | 1875.2 |
| 37.5°  | 931.8  | 927.5  | 944.7  | 972.9  | 1027.6 | 1091.1 | 1187.8 | 1300.6 | 1447.0 | 1577.9 | 1707.0 |
| 40°    | 826.9  | 824.1  | 836.4  | 862.4  | 904.1  | 950.6  | 1035.3 | 1134.3 | 1270.3 | 1430.3 | 1584.0 |
| 42.5°  | 754.7  | 756.3  | 763.2  | 781.5  | 810.0  | 848.3  | 911.8  | 996.0  | 1120.6 | 1271.2 | 1436.5 |
| 45°    | 667.0  | 671.7  | 679.3  | 688.1  | 704.5  | 736.0  | 771.5  | 831.7  | 930.1  | 1055.8 | 1218.4 |
| 47.5°  | 603.8  | 604.0  | 611.6  | 619.4  | 629.1  | 646.8  | 675.8  | 713.5  | 783.0  | 885.4  | 1025.2 |
| 50°    | 569.9  | 565.2  | 570.6  | 576.8  | 587.0  | 599.3  | 618.4  | 654.0  | 700.4  | 783.1  | 900.0  |
| 52.5°  | 528.3  | 528.5  | 533.4  | 535.7  | 544.9  | 557.2  | 574.7  | 599.3  | 641.4  | 706.1  | 802.1  |
| 55°    | 468.8  | 472.2  | 474.9  | 479.0  | 487.2  | 496.1  | 509.8  | 526.2  | 559.0  | 607.5  | 678.6  |
| 57.5°  | 412.8  | 413.8  | 416.6  | 424.4  | 429.5  | 437.7  | 450.8  | 465.7  | 487.0  | 522.9  | 576.3  |
| 60°    | 374.5  | 374.5  | 380.0  | 383.3  | 390.2  | 398.4  | 408.7  | 423.0  | 442.1  | 471.5  | 514.6  |
| 62.5°  | 339.5  | 338.9  | 341.2  | 346.7  | 352.0  | 359.6  | 369.8  | 382.0  | 400.0  | 426.1  | 461.5  |
| 65°    | 288.4  | 287.0  | 291.1  | 292.5  | 297.9  | 305.5  | 313.7  | 326.6  | 341.0  | 360.2  | 391.6  |
| 67.5°  | 239.2  | 240.9  | 243.0  | 245.6  | 248.6  | 256.5  | 262.0  | 271.2  | 283.3  | 299.2  | 320.5  |
| 70°    | 211.9  | 211.9  | 211.9  | 213.9  | 218.0  | 222.1  | 227.6  | 235.1  | 246.7  | 260.4  | 279.5  |
| 72.5°  | 181.2  | 183.4  | 185.6  | 184.4  | 189.6  | 192.0  | 198.6  | 202.9  | 213.9  | 222.7  | 239.6  |
| 75°    | 142.1  | 142.1  | 142.1  | 145.5  | 147.6  | 149.6  | 153.7  | 157.8  | 163.4  | 174.2  | 183.2  |
| 77.5°  | 106.0  | 105.8  | 106.5  | 107.3  | 109.5  | 111.9  | 113.2  | 116.8  | 121.9  | 127.0  | 134.5  |
| 80°    | 82.0   | 83.4   | 84.1   | 85.4   | 85.4   | 86.8   | 87.5   | 92.3   | 95.7   | 99.1   | 103.9  |
| 82.5°  | 63.4   | 63.7   | 63.8   | 64.1   | 64.6   | 65.5   | 67.2   | 68.8   | 70.0   | 72.9   | 76.5   |
| 85°    | 36.9   | 36.2   | 36.2   | 37.5   | 36.9   | 36.9   | 38.3   | 39.6   | 39.6   | 40.3   | 42.4   |
| 87.5°  | 20.1   | 20.0   | 20.4   | 19.8   | 19.7   | 20.1   | 19.9   | 19.1   | 19.4   | 19.7   | 19.8   |
| 90°    | 29.4   | 29.0   | 28.4   | 28.0   | 27.6   | 26.7   | 25.4   | 24.3   | 23.0   | 21.8   | 19.9   |
| 92.5°  | 29.4   | 29.2   | 28.9   | 28.5   | 28.3   | 27.8   | 27.2   | 26.6   | 25.9   | 25.3   | 24.3   |
| 95°    | 46.9   | 47.2   | 47.3   | 47.6   | 47.9   | 47.3   | 46.2   | 44.9   | 43.8   | 42.5   | 40.8   |
| 97.5°  | 62.6   | 62.3   | 62.1   | 61.7   | 61.4   | 60.8   | 59.8   | 58.9   | 57.9   | 57.0   | 53.1   |
| 100°   | 73.1   | 72.6   | 72.1   | 71.6   | 71.2   | 69.9   | 67.9   | 66.1   | 64.1   | 62.2   | 58.1   |
| 102.5° | 78.3   | 77.7   | 77.0   | 76.2   | 75.6   | 74.0   | 71.5   | 68.9   | 66.4   | 63.9   | 98.4   |
| 105°   | 82.9   | 81.9   | 81.0   | 80.0   | 79.0   | 77.2   | 74.5   | 71.9   | 69.2   | 66.5   | 132.7  |
| 107.5° | 85.3   | 84.4   | 83.4   | 82.4   | 81.4   | 82.3   | 85.0   | 87.7   | 90.4   | 93.2   | 172.5  |
| 110°   | 86.1   | 85.2   | 84.3   | 83.3   | 82.3   | 93.9   | 118.2  | 142.4  | 166.7  | 190.9  | 260.9  |



TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 87.0   | 86.2   | 85.5   | 84.7   | 83.9   | 127.8  | 216.2  | 304.6  | 393.1  | 481.4  | 498.8  |
| 115°   | 89.4   | 106.9  | 124.4  | 141.8  | 159.3  | 224.1  | 336.4  | 448.5  | 560.8  | 673.1  | 667.0  |
| 117.5° | 365.2  | 422.6  | 479.9  | 537.3  | 594.6  | 636.9  | 664.0  | 691.2  | 718.3  | 745.5  | 741.3  |
| 120°   | 665.4  | 698.1  | 730.8  | 763.6  | 796.3  | 811.2  | 808.2  | 805.4  | 802.5  | 799.5  | 795.2  |
| 122.5° | 830.3  | 836.7  | 843.0  | 849.4  | 855.7  | 858.0  | 856.3  | 854.5  | 852.7  | 851.0  | 846.3  |
| 125°   | 932.6  | 931.9  | 931.2  | 930.4  | 929.7  | 928.5  | 926.8  | 925.1  | 923.5  | 921.8  | 917.1  |
| 127.5° | 997.2  | 997.0  | 996.9  | 996.8  | 996.7  | 995.3  | 992.8  | 990.3  | 987.9  | 985.4  | 982.0  |
| 130°   | 1037.3 | 1037.6 | 1037.9 | 1038.0 | 1038.3 | 1037.1 | 1034.5 | 1031.8 | 1029.1 | 1026.4 | 1023.8 |
| 132.5° | 1076.7 | 1076.8 | 1077.1 | 1077.4 | 1077.5 | 1076.6 | 1074.2 | 1072.0 | 1069.7 | 1067.5 | 1064.8 |
| 135°   | 1133.4 | 1133.8 | 1134.3 | 1134.8 | 1135.2 | 1134.3 | 1131.8 | 1129.4 | 1127.0 | 1124.6 | 1122.4 |
| 137.5° | 1185.0 | 1185.9 | 1186.7 | 1187.5 | 1188.3 | 1187.6 | 1185.2 | 1182.8 | 1180.4 | 1178.0 | 1175.5 |
| 140°   | 1217.4 | 1218.5 | 1219.8 | 1220.9 | 1222.2 | 1221.7 | 1219.5 | 1217.4 | 1215.1 | 1213.0 | 1210.3 |
| 142.5° | 1248.8 | 1249.9 | 1251.2 | 1252.4 | 1253.6 | 1253.2 | 1251.2 | 1249.2 | 1247.2 | 1245.3 | 1242.2 |
| 145°   | 1292.6 | 1293.8 | 1295.0 | 1296.2 | 1297.4 | 1297.2 | 1295.5 | 1293.8 | 1292.1 | 1290.4 | 1286.3 |
| 147.5° | 1331.2 | 1332.2 | 1333.2 | 1334.3 | 1335.2 | 1335.2 | 1333.9 | 1332.7 | 1331.4 | 1330.1 | 1326.1 |
| 150°   | 1354.8 | 1355.9 | 1357.2 | 1358.4 | 1359.6 | 1359.5 | 1358.1 | 1356.6 | 1355.1 | 1353.7 | 1349.8 |
| 152.5° | 1374.8 | 1376.4 | 1378.0 | 1379.7 | 1381.3 | 1381.3 | 1379.8 | 1378.4 | 1377.0 | 1375.5 | 1371.8 |
| 155°   | 1402.8 | 1404.7 | 1406.7 | 1408.5 | 1410.5 | 1410.8 | 1409.3 | 1407.8 | 1406.4 | 1405.0 | 1402.0 |
| 157.5° | 1428.3 | 1430.2 | 1432.1 | 1434.0 | 1435.8 | 1436.0 | 1434.3 | 1432.7 | 1431.0 | 1429.4 | 1427.4 |
| 160°   | 1443.1 | 1444.8 | 1446.5 | 1448.2 | 1449.9 | 1450.0 | 1448.6 | 1447.2 | 1445.6 | 1444.2 | 1442.8 |
| 162.5° | 1455.4 | 1457.4 | 1459.5 | 1461.6 | 1463.7 | 1463.9 | 1462.2 | 1460.6 | 1458.9 | 1457.3 | 1456.1 |
| 165°   | 1473.6 | 1475.3 | 1477.0 | 1478.7 | 1480.4 | 1480.4 | 1478.7 | 1477.0 | 1475.3 | 1473.6 | 1472.9 |
| 167.5° | 1485.2 | 1487.4 | 1489.6 | 1491.7 | 1494.0 | 1494.2 | 1492.5 | 1490.8 | 1489.1 | 1487.4 | 1486.7 |
| 170°   | 1492.2 | 1494.4 | 1496.6 | 1498.8 | 1500.9 | 1501.2 | 1499.5 | 1497.8 | 1496.1 | 1494.4 | 1493.9 |
| 172.5° | 1497.4 | 1499.6 | 1501.8 | 1504.0 | 1506.2 | 1506.4 | 1504.7 | 1503.0 | 1501.3 | 1499.6 | 1499.1 |
| 175°   | 1502.0 | 1504.4 | 1506.9 | 1509.3 | 1511.7 | 1512.1 | 1510.4 | 1508.7 | 1507.0 | 1505.3 | 1504.9 |
| 177.5° | 1504.9 | 1506.6 | 1508.3 | 1510.1 | 1511.8 | 1512.1 | 1510.6 | 1509.3 | 1508.0 | 1506.6 | 1506.4 |
| 180°   | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 |



TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5°   | 1824.6 | 1820.2 | 1817.5 | 1807.7 | 1798.8 | 1790.1 | 1787.4 | 1788.5 | 1776.5 | 1765.0 | 1760.1 |
| 5°     | 1895.7 | 1882.0 | 1869.0 | 1850.6 | 1828.7 | 1804.7 | 1792.4 | 1782.9 | 1759.0 | 1733.0 | 1718.0 |
| 7.5°   | 1959.4 | 1939.8 | 1914.8 | 1880.1 | 1848.2 | 1810.6 | 1786.7 | 1765.5 | 1730.5 | 1693.9 | 1671.5 |
| 10°    | 1998.1 | 1971.5 | 1939.4 | 1897.0 | 1858.1 | 1812.3 | 1780.1 | 1748.0 | 1707.0 | 1663.3 | 1635.9 |
| 12.5°  | 2031.5 | 1995.6 | 1964.0 | 1909.6 | 1863.5 | 1806.2 | 1768.2 | 1722.9 | 1679.7 | 1627.7 | 1601.0 |
| 15°    | 2110.9 | 2044.6 | 1984.5 | 1923.0 | 1866.3 | 1786.3 | 1743.9 | 1683.1 | 1626.4 | 1562.2 | 1531.4 |
| 17.5°  | 2172.3 | 2097.7 | 2003.0 | 1924.9 | 1858.8 | 1770.2 | 1708.0 | 1635.1 | 1568.1 | 1494.7 | 1452.9 |
| 20°    | 2207.3 | 2121.8 | 2020.0 | 1927.1 | 1847.8 | 1746.7 | 1679.0 | 1604.5 | 1526.0 | 1443.2 | 1398.2 |
| 22.5°  | 2228.0 | 2138.2 | 2037.6 | 1918.9 | 1826.0 | 1727.5 | 1642.4 | 1560.8 | 1481.1 | 1391.9 | 1344.6 |
| 25°    | 2234.6 | 2152.6 | 2046.0 | 1912.1 | 1798.6 | 1687.2 | 1584.7 | 1505.5 | 1409.1 | 1325.7 | 1256.7 |
| 27.5°  | 2202.1 | 2143.3 | 2040.8 | 1899.2 | 1767.0 | 1636.8 | 1522.5 | 1432.7 | 1331.1 | 1240.5 | 1171.2 |
| 30°    | 2162.1 | 2128.0 | 2028.2 | 1886.1 | 1741.9 | 1601.8 | 1476.0 | 1374.2 | 1273.1 | 1181.5 | 1110.4 |
| 32.5°  | 2100.4 | 2093.0 | 2005.3 | 1867.5 | 1715.1 | 1557.6 | 1427.5 | 1324.5 | 1212.5 | 1122.5 | 1054.7 |
| 35°    | 1979.1 | 2011.8 | 1956.5 | 1826.0 | 1664.6 | 1494.5 | 1353.7 | 1236.2 | 1120.1 | 1033.9 | 970.4  |
| 37.5°  | 1816.4 | 1897.8 | 1883.4 | 1765.1 | 1596.6 | 1425.9 | 1270.5 | 1147.6 | 1037.0 | 950.0  | 887.7  |
| 40°    | 1704.3 | 1808.2 | 1823.2 | 1718.7 | 1548.5 | 1372.9 | 1208.2 | 1085.8 | 977.9  | 898.7  | 835.7  |
| 42.5°  | 1584.0 | 1705.4 | 1746.7 | 1662.9 | 1496.0 | 1317.1 | 1152.4 | 1025.7 | 918.8  | 841.8  | 786.0  |
| 45°    | 1382.4 | 1543.0 | 1617.6 | 1569.7 | 1408.5 | 1225.3 | 1055.8 | 927.3  | 830.3  | 757.9  | 714.8  |
| 47.5°  | 1194.0 | 1369.5 | 1469.6 | 1452.7 | 1311.0 | 1129.6 | 962.1  | 838.7  | 744.3  | 686.5  | 648.0  |
| 50°    | 1060.6 | 1241.0 | 1361.9 | 1367.4 | 1241.0 | 1061.2 | 893.1  | 776.9  | 690.2  | 636.2  | 604.8  |
| 52.5°  | 944.7  | 1116.9 | 1248.8 | 1277.7 | 1162.8 | 990.2  | 831.3  | 715.8  | 639.4  | 589.8  | 561.6  |
| 55°    | 793.4  | 939.0  | 1085.2 | 1138.4 | 1046.2 | 882.3  | 735.3  | 633.5  | 561.7  | 527.5  | 502.9  |
| 57.5°  | 659.6  | 781.0  | 916.0  | 974.9  | 918.0  | 777.7  | 639.9  | 551.4  | 493.3  | 463.3  | 444.4  |
| 60°    | 589.1  | 684.7  | 805.0  | 875.4  | 826.2  | 701.2  | 580.9  | 496.8  | 449.0  | 422.3  | 404.6  |
| 62.5°  | 523.4  | 608.2  | 709.9  | 774.3  | 747.4  | 629.5  | 521.8  | 447.6  | 406.4  | 381.3  | 368.5  |
| 65°    | 431.9  | 498.8  | 577.5  | 636.9  | 619.1  | 529.6  | 441.5  | 377.9  | 345.1  | 325.3  | 315.0  |
| 67.5°  | 355.6  | 404.0  | 458.5  | 510.6  | 496.2  | 432.8  | 362.0  | 312.5  | 288.1  | 271.0  | 264.8  |
| 70°    | 307.6  | 344.4  | 393.0  | 434.6  | 423.0  | 371.0  | 315.0  | 272.7  | 251.5  | 237.1  | 231.0  |
| 72.5°  | 261.6  | 291.9  | 329.0  | 363.0  | 355.2  | 312.0  | 265.3  | 233.3  | 217.0  | 203.8  | 198.8  |
| 75°    | 197.5  | 220.7  | 243.3  | 265.8  | 263.8  | 230.3  | 203.0  | 178.3  | 165.4  | 155.2  | 153.1  |
| 77.5°  | 145.8  | 158.8  | 174.2  | 187.5  | 183.8  | 164.7  | 143.2  | 129.1  | 119.6  | 112.7  | 111.6  |
| 80°    | 111.4  | 118.9  | 129.8  | 139.4  | 134.6  | 126.4  | 109.3  | 99.1   | 92.3   | 85.4   | 82.7   |
| 82.5°  | 80.8   | 88.3   | 94.9   | 100.0  | 96.4   | 88.7   | 78.2   | 71.2   | 67.1   | 62.4   | 61.3   |
| 85°    | 42.4   | 46.5   | 49.2   | 50.6   | 49.2   | 44.4   | 39.6   | 36.9   | 33.5   | 31.5   | 30.8   |
| 87.5°  | 20.0   | 19.6   | 19.2   | 19.9   | 17.7   | 17.1   | 14.4   | 12.2   | 12.2   | 12.2   | 11.7   |
| 90°    | 17.9   | 16.0   | 14.1   | 11.8   | 9.1    | 6.4    | 3.7    | 1.1    | 3.7    | 6.4    | 9.1    |
| 92.5°  | 23.4   | 22.4   | 21.4   | 21.0   | 21.3   | 21.6   | 21.8   | 22.0   | 21.8   | 21.6   | 21.3   |
| 95°    | 39.1   | 37.5   | 35.8   | 38.9   | 46.9   | 54.9   | 62.9   | 70.9   | 62.9   | 54.9   | 46.9   |
| 97.5°  | 49.0   | 45.1   | 41.2   | 50.6   | 73.1   | 95.6   | 118.2  | 140.7  | 118.2  | 95.6   | 73.1   |
| 100°   | 53.9   | 49.8   | 45.7   | 60.3   | 93.5   | 126.6  | 159.9  | 193.1  | 159.9  | 126.6  | 93.5   |
| 102.5° | 132.9  | 167.3  | 201.8  | 222.6  | 229.6  | 236.6  | 243.6  | 250.7  | 243.6  | 236.6  | 229.6  |
| 105°   | 198.9  | 265.1  | 331.3  | 360.7  | 353.4  | 346.2  | 338.9  | 331.6  | 338.9  | 346.2  | 353.4  |
| 107.5° | 251.9  | 331.3  | 410.6  | 447.4  | 441.5  | 435.6  | 429.7  | 423.9  | 429.7  | 435.6  | 441.5  |
| 110°   | 331.0  | 401.1  | 471.1  | 503.5  | 498.5  | 493.4  | 488.3  | 483.2  | 488.3  | 493.4  | 498.5  |





TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 516.1  | 533.4  | 550.7  | 557.1  | 552.6  | 548.0  | 543.6  | 539.0  | 543.6  | 548.0  | 552.6  |
| 115°   | 660.9  | 654.9  | 648.8  | 643.7  | 639.5  | 635.4  | 631.3  | 627.2  | 631.3  | 635.4  | 639.5  |
| 117.5° | 737.1  | 732.9  | 728.8  | 724.4  | 719.8  | 715.2  | 710.6  | 706.0  | 710.6  | 715.2  | 719.8  |
| 120°   | 790.9  | 786.5  | 782.1  | 778.1  | 774.5  | 770.8  | 767.2  | 763.6  | 767.2  | 770.8  | 774.5  |
| 122.5° | 841.5  | 836.8  | 832.1  | 827.8  | 823.9  | 820.1  | 816.3  | 812.4  | 816.3  | 820.1  | 823.9  |
| 125°   | 912.5  | 907.9  | 903.3  | 899.4  | 896.3  | 893.1  | 889.9  | 886.8  | 889.9  | 893.1  | 896.3  |
| 127.5° | 978.6  | 975.1  | 971.7  | 968.2  | 964.7  | 961.2  | 957.7  | 954.2  | 957.7  | 961.2  | 964.7  |
| 130°   | 1021.1 | 1018.4 | 1015.7 | 1012.5 | 1008.6 | 1004.8 | 1000.9 | 997.0  | 1000.9 | 1004.8 | 1008.6 |
| 132.5° | 1062.1 | 1059.4 | 1056.8 | 1053.8 | 1050.5 | 1047.2 | 1043.9 | 1040.6 | 1043.9 | 1047.2 | 1050.5 |
| 135°   | 1120.3 | 1118.0 | 1115.9 | 1112.9 | 1108.9 | 1105.1 | 1101.2 | 1097.3 | 1101.2 | 1105.1 | 1108.9 |
| 137.5° | 1173.1 | 1170.6 | 1168.1 | 1165.6 | 1162.9 | 1160.1 | 1157.4 | 1154.7 | 1157.4 | 1160.1 | 1162.9 |
| 140°   | 1207.6 | 1205.0 | 1202.3 | 1200.0 | 1198.0 | 1196.1 | 1194.2 | 1192.2 | 1194.2 | 1196.1 | 1198.0 |
| 142.5° | 1239.1 | 1236.1 | 1233.1 | 1230.7 | 1228.9 | 1227.2 | 1225.4 | 1223.7 | 1225.4 | 1227.2 | 1228.9 |
| 145°   | 1282.2 | 1278.1 | 1273.9 | 1272.0 | 1272.2 | 1272.5 | 1272.7 | 1272.9 | 1272.7 | 1272.5 | 1272.2 |
| 147.5° | 1322.0 | 1317.9 | 1313.8 | 1312.2 | 1313.1 | 1314.1 | 1315.0 | 1315.9 | 1315.0 | 1314.1 | 1313.1 |
| 150°   | 1345.9 | 1342.0 | 1338.2 | 1337.0 | 1338.7 | 1340.5 | 1342.2 | 1343.9 | 1342.2 | 1340.5 | 1338.7 |
| 152.5° | 1368.2 | 1364.4 | 1360.8 | 1359.9 | 1361.7 | 1363.6 | 1365.6 | 1367.4 | 1365.6 | 1363.6 | 1361.7 |
| 155°   | 1399.1 | 1396.2 | 1393.3 | 1392.9 | 1395.1 | 1397.3 | 1399.5 | 1401.7 | 1399.5 | 1397.3 | 1395.1 |
| 157.5° | 1425.3 | 1423.3 | 1421.2 | 1421.1 | 1423.0 | 1424.8 | 1426.6 | 1428.5 | 1426.6 | 1424.8 | 1423.0 |
| 160°   | 1441.3 | 1439.8 | 1438.4 | 1438.4 | 1439.8 | 1441.3 | 1442.8 | 1444.2 | 1442.8 | 1441.3 | 1439.8 |
| 162.5° | 1454.7 | 1453.5 | 1452.2 | 1452.3 | 1453.8 | 1455.3 | 1456.7 | 1458.2 | 1456.7 | 1455.3 | 1453.8 |
| 165°   | 1472.2 | 1471.5 | 1470.8 | 1471.1 | 1472.6 | 1474.0 | 1475.5 | 1476.9 | 1475.5 | 1474.0 | 1472.6 |
| 167.5° | 1486.0 | 1485.4 | 1484.7 | 1485.1 | 1486.6 | 1488.0 | 1489.4 | 1490.9 | 1489.4 | 1488.0 | 1486.6 |
| 170°   | 1493.4 | 1492.9 | 1492.5 | 1492.9 | 1494.4 | 1495.8 | 1497.3 | 1498.8 | 1497.3 | 1495.8 | 1494.4 |
| 172.5° | 1498.6 | 1498.2 | 1497.7 | 1498.2 | 1499.6 | 1501.1 | 1502.5 | 1504.0 | 1502.5 | 1501.1 | 1499.6 |
| 175°   | 1504.3 | 1503.9 | 1503.3 | 1504.0 | 1505.7 | 1507.3 | 1509.0 | 1510.7 | 1509.0 | 1507.3 | 1505.7 |
| 177.5° | 1506.2 | 1506.0 | 1505.8 | 1506.4 | 1507.8 | 1509.1 | 1510.5 | 1511.8 | 1510.5 | 1509.1 | 1507.8 |
| 180°   | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 |



TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5°   | 1754.6 | 1751.3 | 1739.8 | 1733.8 | 1724.0 | 1714.7 | 1708.7 | 1711.5 | 1713.6 | 1712.5 | 1710.8 |
| 5°     | 1704.3 | 1691.3 | 1671.5 | 1654.4 | 1642.1 | 1619.6 | 1610.0 | 1605.3 | 1601.2 | 1596.3 | 1591.5 |
| 7.5°   | 1644.4 | 1624.0 | 1595.5 | 1571.2 | 1548.2 | 1520.2 | 1504.2 | 1494.7 | 1484.8 | 1474.0 | 1464.5 |
| 10°    | 1601.8 | 1573.1 | 1543.0 | 1508.9 | 1481.6 | 1456.3 | 1433.7 | 1418.6 | 1405.0 | 1392.0 | 1382.4 |
| 12.5°  | 1557.0 | 1523.9 | 1486.7 | 1440.0 | 1409.9 | 1373.7 | 1370.3 | 1343.8 | 1322.4 | 1314.4 | 1303.1 |
| 15°    | 1485.6 | 1439.1 | 1392.0 | 1336.7 | 1312.8 | 1280.0 | 1259.5 | 1238.9 | 1220.5 | 1207.5 | 1204.1 |
| 17.5°  | 1404.6 | 1344.4 | 1297.5 | 1257.8 | 1218.6 | 1185.0 | 1166.1 | 1149.7 | 1134.5 | 1117.1 | 1114.8 |
| 20°    | 1342.8 | 1290.8 | 1239.7 | 1204.8 | 1164.5 | 1130.2 | 1107.1 | 1090.7 | 1077.6 | 1067.4 | 1058.5 |
| 22.5°  | 1284.3 | 1227.4 | 1180.5 | 1142.5 | 1102.7 | 1075.0 | 1056.8 | 1040.9 | 1030.1 | 1018.8 | 1010.4 |
| 25°    | 1190.4 | 1146.0 | 1094.8 | 1051.7 | 1018.9 | 1001.1 | 986.1  | 972.4  | 965.6  | 958.1  | 948.5  |
| 27.5°  | 1108.3 | 1058.9 | 1010.9 | 977.6  | 948.8  | 933.1  | 922.4  | 913.1  | 906.7  | 902.3  | 896.9  |
| 30°    | 1050.3 | 1000.4 | 962.9  | 930.1  | 906.2  | 890.5  | 883.6  | 878.2  | 870.6  | 867.9  | 865.1  |
| 32.5°  | 994.5  | 949.6  | 917.5  | 889.0  | 866.2  | 856.0  | 849.7  | 844.8  | 838.9  | 836.2  | 830.7  |
| 35°    | 915.7  | 878.2  | 846.7  | 831.0  | 812.5  | 803.6  | 798.9  | 792.0  | 786.6  | 783.8  | 783.1  |
| 37.5°  | 841.5  | 808.9  | 788.2  | 767.9  | 760.2  | 754.7  | 748.1  | 743.5  | 741.9  | 741.5  | 740.7  |
| 40°    | 793.4  | 766.7  | 748.3  | 731.9  | 728.4  | 720.2  | 714.8  | 710.7  | 710.7  | 711.4  | 710.7  |
| 42.5°  | 749.7  | 725.8  | 709.4  | 695.3  | 691.3  | 686.3  | 680.9  | 680.6  | 681.7  | 684.0  | 681.7  |
| 45°    | 683.4  | 666.3  | 654.7  | 647.8  | 640.3  | 635.5  | 634.8  | 636.9  | 637.6  | 638.3  | 640.3  |
| 47.5°  | 622.4  | 611.1  | 600.6  | 593.0  | 589.8  | 588.9  | 588.1  | 591.7  | 594.9  | 596.2  | 599.3  |
| 50°    | 586.3  | 573.4  | 564.5  | 559.6  | 557.0  | 555.5  | 557.0  | 561.1  | 563.7  | 567.2  | 569.3  |
| 52.5°  | 545.9  | 536.7  | 530.6  | 526.9  | 525.8  | 526.6  | 526.9  | 531.5  | 535.9  | 537.2  | 538.1  |
| 55°    | 490.0  | 483.1  | 481.8  | 475.6  | 478.3  | 477.7  | 481.1  | 483.8  | 487.9  | 492.0  | 492.7  |
| 57.5°  | 434.2  | 428.7  | 425.1  | 425.6  | 426.4  | 429.4  | 432.3  | 437.1  | 441.5  | 445.9  | 446.2  |
| 60°    | 397.1  | 394.3  | 392.3  | 392.3  | 393.6  | 397.7  | 401.1  | 405.9  | 408.7  | 411.3  | 413.4  |
| 62.5°  | 363.1  | 360.4  | 358.4  | 359.4  | 363.0  | 365.4  | 369.4  | 372.0  | 374.8  | 377.5  | 378.4  |
| 65°    | 309.6  | 308.2  | 310.2  | 311.7  | 312.3  | 315.8  | 320.5  | 322.5  | 325.3  | 326.6  | 331.4  |
| 67.5°  | 260.2  | 260.5  | 260.2  | 262.2  | 266.1  | 266.9  | 271.4  | 276.3  | 276.8  | 279.4  | 282.5  |
| 70°    | 226.9  | 228.3  | 229.6  | 231.0  | 234.4  | 235.8  | 239.2  | 241.2  | 244.0  | 246.0  | 248.1  |
| 72.5°  | 196.3  | 196.5  | 197.9  | 197.6  | 200.5  | 203.5  | 206.3  | 208.4  | 211.2  | 213.7  | 215.8  |
| 75°    | 151.1  | 151.1  | 152.4  | 153.1  | 156.5  | 159.9  | 159.3  | 160.6  | 163.4  | 166.0  | 167.5  |
| 77.5°  | 110.3  | 108.8  | 110.3  | 111.0  | 112.1  | 114.9  | 115.5  | 117.4  | 120.6  | 119.6  | 121.1  |
| 80°    | 84.1   | 82.0   | 84.1   | 84.7   | 84.7   | 88.2   | 88.2   | 89.5   | 91.6   | 89.5   | 91.6   |
| 82.5°  | 60.0   | 59.0   | 60.5   | 60.7   | 61.8   | 61.9   | 63.0   | 63.3   | 65.4   | 64.4   | 65.4   |
| 85°    | 30.1   | 29.4   | 30.1   | 29.4   | 30.1   | 30.8   | 30.8   | 30.1   | 30.1   | 31.5   | 29.4   |
| 87.5°  | 11.7   | 11.6   | 11.4   | 11.8   | 11.6   | 11.5   | 11.1   | 11.4   | 11.7   | 10.8   | 11.0   |
| 90°    | 11.8   | 14.1   | 16.0   | 17.9   | 19.9   | 21.8   | 23.0   | 24.3   | 25.4   | 26.7   | 27.6   |
| 92.5°  | 21.0   | 21.4   | 22.4   | 23.4   | 24.3   | 25.3   | 25.9   | 26.6   | 27.2   | 27.8   | 28.3   |
| 95°    | 38.9   | 35.8   | 37.5   | 39.1   | 40.8   | 42.5   | 43.8   | 44.9   | 46.2   | 47.3   | 47.9   |
| 97.5°  | 50.6   | 41.2   | 45.1   | 49.0   | 53.1   | 57.0   | 57.9   | 58.9   | 59.8   | 60.8   | 61.4   |
| 100°   | 60.3   | 45.7   | 49.8   | 53.9   | 58.1   | 62.2   | 64.1   | 66.1   | 67.9   | 69.9   | 71.2   |
| 102.5° | 222.6  | 201.8  | 167.3  | 132.9  | 98.4   | 63.9   | 66.4   | 68.9   | 71.5   | 74.0   | 75.6   |
| 105°   | 360.7  | 331.3  | 265.1  | 198.9  | 132.7  | 66.5   | 69.2   | 71.9   | 74.5   | 77.2   | 79.0   |
| 107.5° | 447.4  | 410.6  | 331.3  | 251.9  | 172.5  | 93.2   | 90.4   | 87.7   | 85.0   | 82.3   | 81.4   |
| 110°   | 503.5  | 471.1  | 401.1  | 331.0  | 260.9  | 190.9  | 166.7  | 142.4  | 118.2  | 93.9   | 82.3   |



TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 557.1  | 550.7  | 533.4  | 516.1  | 498.8  | 481.4  | 393.1  | 304.6  | 216.2  | 127.8  | 83.9   |
| 115°   | 643.7  | 648.8  | 654.9  | 660.9  | 667.0  | 673.1  | 560.8  | 448.5  | 336.4  | 224.1  | 159.3  |
| 117.5° | 724.4  | 728.8  | 732.9  | 737.1  | 741.3  | 745.5  | 718.3  | 691.2  | 664.0  | 636.9  | 594.6  |
| 120°   | 778.1  | 782.1  | 786.5  | 790.9  | 795.2  | 799.5  | 802.5  | 805.4  | 808.2  | 811.2  | 796.3  |
| 122.5° | 827.8  | 832.1  | 836.8  | 841.5  | 846.3  | 851.0  | 852.7  | 854.5  | 856.3  | 858.0  | 855.7  |
| 125°   | 899.4  | 903.3  | 907.9  | 912.5  | 917.1  | 921.8  | 923.5  | 925.1  | 926.8  | 928.5  | 929.7  |
| 127.5° | 968.2  | 971.7  | 975.1  | 978.6  | 982.0  | 985.4  | 987.9  | 990.3  | 992.8  | 995.3  | 996.7  |
| 130°   | 1012.5 | 1015.7 | 1018.4 | 1021.1 | 1023.8 | 1026.4 | 1029.1 | 1031.8 | 1034.5 | 1037.1 | 1038.3 |
| 132.5° | 1053.8 | 1056.8 | 1059.4 | 1062.1 | 1064.8 | 1067.5 | 1069.7 | 1072.0 | 1074.2 | 1076.6 | 1077.5 |
| 135°   | 1112.9 | 1115.9 | 1118.0 | 1120.3 | 1122.4 | 1124.6 | 1127.0 | 1129.4 | 1131.8 | 1134.3 | 1135.2 |
| 137.5° | 1165.6 | 1168.1 | 1170.6 | 1173.1 | 1175.5 | 1178.0 | 1180.4 | 1182.8 | 1185.2 | 1187.6 | 1188.3 |
| 140°   | 1200.0 | 1202.3 | 1205.0 | 1207.6 | 1210.3 | 1213.0 | 1215.1 | 1217.4 | 1219.5 | 1221.7 | 1222.2 |
| 142.5° | 1230.7 | 1233.1 | 1236.1 | 1239.1 | 1242.2 | 1245.3 | 1247.2 | 1249.2 | 1251.2 | 1253.2 | 1253.6 |
| 145°   | 1272.0 | 1273.9 | 1278.1 | 1282.2 | 1286.3 | 1290.4 | 1292.1 | 1293.8 | 1295.5 | 1297.2 | 1297.4 |
| 147.5° | 1312.2 | 1313.8 | 1317.9 | 1322.0 | 1326.1 | 1330.1 | 1331.4 | 1332.7 | 1333.9 | 1335.2 | 1335.2 |
| 150°   | 1337.0 | 1338.2 | 1342.0 | 1345.9 | 1349.8 | 1353.7 | 1355.1 | 1356.6 | 1358.1 | 1359.5 | 1359.6 |
| 152.5° | 1359.9 | 1360.8 | 1364.4 | 1368.2 | 1371.8 | 1375.5 | 1377.0 | 1378.4 | 1379.8 | 1381.3 | 1381.3 |
| 155°   | 1392.9 | 1393.3 | 1396.2 | 1399.1 | 1402.0 | 1405.0 | 1406.4 | 1407.8 | 1409.3 | 1410.8 | 1410.5 |
| 157.5° | 1421.1 | 1421.2 | 1423.3 | 1425.3 | 1427.4 | 1429.4 | 1431.0 | 1432.7 | 1434.3 | 1436.0 | 1435.8 |
| 160°   | 1438.4 | 1438.4 | 1439.8 | 1441.3 | 1442.8 | 1444.2 | 1445.6 | 1447.2 | 1448.6 | 1450.0 | 1449.9 |
| 162.5° | 1452.3 | 1452.2 | 1453.5 | 1454.7 | 1456.1 | 1457.3 | 1458.9 | 1460.6 | 1462.2 | 1463.9 | 1463.7 |
| 165°   | 1471.1 | 1470.8 | 1471.5 | 1472.2 | 1472.9 | 1473.6 | 1475.3 | 1477.0 | 1478.7 | 1480.4 | 1480.4 |
| 167.5° | 1485.1 | 1484.7 | 1485.4 | 1486.0 | 1486.7 | 1487.4 | 1489.1 | 1490.8 | 1492.5 | 1494.2 | 1494.0 |
| 170°   | 1492.9 | 1492.5 | 1492.9 | 1493.4 | 1493.9 | 1494.4 | 1496.1 | 1497.8 | 1499.5 | 1501.2 | 1500.9 |
| 172.5° | 1498.2 | 1497.7 | 1498.2 | 1498.6 | 1499.1 | 1499.6 | 1501.3 | 1503.0 | 1504.7 | 1506.4 | 1506.2 |
| 175°   | 1504.0 | 1503.3 | 1503.9 | 1504.3 | 1504.9 | 1505.3 | 1507.0 | 1508.7 | 1510.4 | 1512.1 | 1511.7 |
| 177.5° | 1506.4 | 1505.8 | 1506.0 | 1506.2 | 1506.4 | 1506.6 | 1508.0 | 1509.3 | 1510.6 | 1512.1 | 1511.8 |
| 180°   | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 |



TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5°   | 1705.4 | 1704.3 | 1704.3 | 1699.4 | 1704.3 | 1704.3 | 1705.4 | 1710.8 | 1712.5 | 1713.6 | 1711.5 |
| 5°     | 1582.0 | 1579.9 | 1576.5 | 1579.9 | 1576.5 | 1579.9 | 1582.0 | 1591.5 | 1596.3 | 1601.2 | 1605.3 |
| 7.5°   | 1459.9 | 1451.7 | 1450.5 | 1442.4 | 1450.5 | 1451.7 | 1459.9 | 1464.5 | 1474.0 | 1484.8 | 1494.7 |
| 10°    | 1370.8 | 1365.4 | 1364.7 | 1351.7 | 1364.7 | 1365.4 | 1370.8 | 1382.4 | 1392.0 | 1405.0 | 1418.6 |
| 12.5°  | 1303.1 | 1289.9 | 1292.5 | 1285.0 | 1292.5 | 1289.9 | 1303.1 | 1303.1 | 1314.4 | 1322.4 | 1343.8 |
| 15°    | 1185.6 | 1185.6 | 1182.9 | 1171.3 | 1182.9 | 1185.6 | 1185.6 | 1204.1 | 1207.5 | 1220.5 | 1238.9 |
| 17.5°  | 1101.4 | 1099.9 | 1093.4 | 1096.6 | 1093.4 | 1099.9 | 1101.4 | 1114.8 | 1117.1 | 1134.5 | 1149.7 |
| 20°    | 1051.0 | 1047.0 | 1038.8 | 1038.8 | 1038.8 | 1047.0 | 1051.0 | 1058.5 | 1067.4 | 1077.6 | 1090.7 |
| 22.5°  | 1003.4 | 1003.2 | 994.4  | 997.2  | 994.4  | 1003.2 | 1003.4 | 1010.4 | 1018.8 | 1030.1 | 1040.9 |
| 25°    | 947.8  | 942.4  | 938.3  | 940.3  | 938.3  | 942.4  | 947.8  | 948.5  | 958.1  | 965.6  | 972.4  |
| 27.5°  | 895.1  | 892.1  | 891.8  | 886.2  | 891.8  | 892.1  | 895.1  | 896.9  | 902.3  | 906.7  | 913.1  |
| 30°    | 864.4  | 857.6  | 859.0  | 855.6  | 859.0  | 857.6  | 864.4  | 865.1  | 867.9  | 870.6  | 878.2  |
| 32.5°  | 829.5  | 827.0  | 825.6  | 822.8  | 825.6  | 827.0  | 829.5  | 830.7  | 836.2  | 838.9  | 844.8  |
| 35°    | 781.8  | 782.5  | 779.0  | 780.4  | 779.0  | 782.5  | 781.8  | 783.1  | 783.8  | 786.6  | 792.0  |
| 37.5°  | 740.1  | 742.3  | 740.7  | 741.0  | 740.7  | 742.3  | 740.1  | 740.7  | 741.5  | 741.9  | 743.5  |
| 40°    | 712.7  | 712.7  | 712.7  | 714.8  | 712.7  | 712.7  | 712.7  | 710.7  | 711.4  | 710.7  | 710.7  |
| 42.5°  | 686.5  | 685.5  | 684.3  | 684.2  | 684.3  | 685.5  | 686.5  | 681.7  | 684.0  | 681.7  | 680.6  |
| 45°    | 641.7  | 643.7  | 644.4  | 641.0  | 644.4  | 643.7  | 641.7  | 640.3  | 638.3  | 637.6  | 636.9  |
| 47.5°  | 601.1  | 601.4  | 601.1  | 604.1  | 601.1  | 601.4  | 601.1  | 599.3  | 596.2  | 594.9  | 591.7  |
| 50°    | 572.7  | 571.3  | 572.7  | 571.3  | 572.7  | 571.3  | 572.7  | 569.3  | 567.2  | 563.7  | 561.1  |
| 52.5°  | 542.6  | 542.9  | 542.1  | 541.8  | 542.1  | 542.9  | 542.6  | 538.1  | 537.2  | 535.9  | 531.5  |
| 55°    | 495.4  | 496.8  | 496.1  | 496.1  | 496.1  | 496.8  | 495.4  | 492.7  | 492.0  | 487.9  | 483.8  |
| 57.5°  | 446.7  | 447.9  | 448.8  | 445.9  | 448.8  | 447.9  | 446.7  | 446.2  | 445.9  | 441.5  | 437.1  |
| 60°    | 412.8  | 416.2  | 415.4  | 414.1  | 415.4  | 416.2  | 412.8  | 413.4  | 411.3  | 408.7  | 405.9  |
| 62.5°  | 381.6  | 382.8  | 382.7  | 382.5  | 382.7  | 382.8  | 381.6  | 378.4  | 377.5  | 374.8  | 372.0  |
| 65°    | 333.5  | 334.8  | 332.8  | 334.8  | 332.8  | 334.8  | 333.5  | 331.4  | 326.6  | 325.3  | 322.5  |
| 67.5°  | 281.7  | 282.1  | 283.6  | 284.5  | 283.6  | 282.1  | 281.7  | 282.5  | 279.4  | 276.8  | 276.3  |
| 70°    | 249.4  | 248.8  | 250.8  | 252.9  | 250.8  | 248.8  | 249.4  | 248.1  | 246.0  | 244.0  | 241.2  |
| 72.5°  | 215.5  | 217.0  | 216.3  | 217.8  | 216.3  | 217.0  | 215.5  | 215.8  | 213.7  | 211.2  | 208.4  |
| 75°    | 166.0  | 168.1  | 167.5  | 169.5  | 167.5  | 168.1  | 166.0  | 167.5  | 166.0  | 163.4  | 160.6  |
| 77.5°  | 120.0  | 120.3  | 120.0  | 121.1  | 120.0  | 120.3  | 120.0  | 121.1  | 119.6  | 120.6  | 117.4  |
| 80°    | 91.6   | 90.2   | 88.8   | 91.6   | 88.8   | 90.2   | 91.6   | 91.6   | 89.5   | 91.6   | 89.5   |
| 82.5°  | 63.7   | 64.5   | 63.1   | 63.1   | 63.1   | 64.5   | 63.7   | 65.4   | 64.4   | 65.4   | 63.3   |
| 85°    | 29.4   | 28.7   | 27.4   | 27.4   | 27.4   | 28.7   | 29.4   | 29.4   | 31.5   | 30.1   | 30.1   |
| 87.5°  | 11.1   | 10.6   | 10.7   | 10.3   | 10.7   | 10.6   | 11.1   | 11.0   | 10.8   | 11.7   | 11.4   |
| 90°    | 28.0   | 28.4   | 29.0   | 29.4   | 29.0   | 28.4   | 28.0   | 27.6   | 26.7   | 25.4   | 24.3   |
| 92.5°  | 28.5   | 28.9   | 29.2   | 29.4   | 29.2   | 28.9   | 28.5   | 28.3   | 27.8   | 27.2   | 26.6   |
| 95°    | 47.6   | 47.3   | 47.2   | 46.9   | 47.2   | 47.3   | 47.6   | 47.9   | 47.3   | 46.2   | 44.9   |
| 97.5°  | 61.7   | 62.1   | 62.3   | 62.6   | 62.3   | 62.1   | 61.7   | 61.4   | 60.8   | 59.8   | 58.9   |
| 100°   | 71.6   | 72.1   | 72.6   | 73.1   | 72.6   | 72.1   | 71.6   | 71.2   | 69.9   | 67.9   | 66.1   |
| 102.5° | 76.2   | 77.0   | 77.7   | 78.3   | 77.7   | 77.0   | 76.2   | 75.6   | 74.0   | 71.5   | 68.9   |
| 105°   | 80.0   | 81.0   | 81.9   | 82.9   | 81.9   | 81.0   | 80.0   | 79.0   | 77.2   | 74.5   | 71.9   |
| 107.5° | 82.4   | 83.4   | 84.4   | 85.3   | 84.4   | 83.4   | 82.4   | 81.4   | 82.3   | 85.0   | 87.7   |
| 110°   | 83.3   | 84.3   | 85.2   | 86.1   | 85.2   | 84.3   | 83.3   | 82.3   | 93.9   | 118.2  | 142.4  |



TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 84.7   | 85.5   | 86.2   | 87.0   | 86.2   | 85.5   | 84.7   | 83.9   | 127.8  | 216.2  | 304.6  |
| 115°   | 141.8  | 124.4  | 106.9  | 89.4   | 106.9  | 124.4  | 141.8  | 159.3  | 224.1  | 336.4  | 448.5  |
| 117.5° | 537.3  | 479.9  | 422.6  | 365.2  | 422.6  | 479.9  | 537.3  | 594.6  | 636.9  | 664.0  | 691.2  |
| 120°   | 763.6  | 730.8  | 698.1  | 665.4  | 698.1  | 730.8  | 763.6  | 796.3  | 811.2  | 808.2  | 805.4  |
| 122.5° | 849.4  | 843.0  | 836.7  | 830.3  | 836.7  | 843.0  | 849.4  | 855.7  | 858.0  | 856.3  | 854.5  |
| 125°   | 930.4  | 931.2  | 931.9  | 932.6  | 931.9  | 931.2  | 930.4  | 929.7  | 928.5  | 926.8  | 925.1  |
| 127.5° | 996.8  | 996.9  | 997.0  | 997.2  | 997.0  | 996.9  | 996.8  | 996.7  | 995.3  | 992.8  | 990.3  |
| 130°   | 1038.0 | 1037.9 | 1037.6 | 1037.3 | 1037.6 | 1037.9 | 1038.0 | 1038.3 | 1037.1 | 1034.5 | 1031.8 |
| 132.5° | 1077.4 | 1077.1 | 1076.8 | 1076.7 | 1076.8 | 1077.1 | 1077.4 | 1077.5 | 1076.6 | 1074.2 | 1072.0 |
| 135°   | 1134.8 | 1134.3 | 1133.8 | 1133.4 | 1133.8 | 1134.3 | 1134.8 | 1135.2 | 1134.3 | 1131.8 | 1129.4 |
| 137.5° | 1187.5 | 1186.7 | 1185.9 | 1185.0 | 1185.9 | 1186.7 | 1187.5 | 1188.3 | 1187.6 | 1185.2 | 1182.8 |
| 140°   | 1220.9 | 1219.8 | 1218.5 | 1217.4 | 1218.5 | 1219.8 | 1220.9 | 1222.2 | 1221.7 | 1219.5 | 1217.4 |
| 142.5° | 1252.4 | 1251.2 | 1249.9 | 1248.8 | 1249.9 | 1251.2 | 1252.4 | 1253.6 | 1253.2 | 1251.2 | 1249.2 |
| 145°   | 1296.2 | 1295.0 | 1293.8 | 1292.6 | 1293.8 | 1295.0 | 1296.2 | 1297.4 | 1297.2 | 1295.5 | 1293.8 |
| 147.5° | 1334.3 | 1333.2 | 1332.2 | 1331.2 | 1332.2 | 1333.2 | 1334.3 | 1335.2 | 1335.2 | 1333.9 | 1332.7 |
| 150°   | 1358.4 | 1357.2 | 1355.9 | 1354.8 | 1355.9 | 1357.2 | 1358.4 | 1359.6 | 1359.5 | 1358.1 | 1356.6 |
| 152.5° | 1379.7 | 1378.0 | 1376.4 | 1374.8 | 1376.4 | 1378.0 | 1379.7 | 1381.3 | 1381.3 | 1379.8 | 1378.4 |
| 155°   | 1408.5 | 1406.7 | 1404.7 | 1402.8 | 1404.7 | 1406.7 | 1408.5 | 1410.5 | 1410.8 | 1409.3 | 1407.8 |
| 157.5° | 1434.0 | 1432.1 | 1430.2 | 1428.3 | 1430.2 | 1432.1 | 1434.0 | 1435.8 | 1436.0 | 1434.3 | 1432.7 |
| 160°   | 1448.2 | 1446.5 | 1444.8 | 1443.1 | 1444.8 | 1446.5 | 1448.2 | 1449.9 | 1450.0 | 1448.6 | 1447.2 |
| 162.5° | 1461.6 | 1459.5 | 1457.4 | 1455.4 | 1457.4 | 1459.5 | 1461.6 | 1463.7 | 1463.9 | 1462.2 | 1460.6 |
| 165°   | 1478.7 | 1477.0 | 1475.3 | 1473.6 | 1475.3 | 1477.0 | 1478.7 | 1480.4 | 1480.4 | 1478.7 | 1477.0 |
| 167.5° | 1491.7 | 1489.6 | 1487.4 | 1485.2 | 1487.4 | 1489.6 | 1491.7 | 1494.0 | 1494.2 | 1492.5 | 1490.8 |
| 170°   | 1498.8 | 1496.6 | 1494.4 | 1492.2 | 1494.4 | 1496.6 | 1498.8 | 1500.9 | 1501.2 | 1499.5 | 1497.8 |
| 172.5° | 1504.0 | 1501.8 | 1499.6 | 1497.4 | 1499.6 | 1501.8 | 1504.0 | 1506.2 | 1506.4 | 1504.7 | 1503.0 |
| 175°   | 1509.3 | 1506.9 | 1504.4 | 1502.0 | 1504.4 | 1506.9 | 1509.3 | 1511.7 | 1512.1 | 1510.4 | 1508.7 |
| 177.5° | 1510.1 | 1508.3 | 1506.6 | 1504.9 | 1506.6 | 1508.3 | 1510.1 | 1511.8 | 1512.1 | 1510.6 | 1509.3 |
| 180°   | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 |



TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5°   | 1708.7 | 1714.7 | 1724.0 | 1733.8 | 1739.8 | 1751.3 | 1754.6 | 1760.1 | 1765.0 | 1776.5 | 1788.5 |
| 5°     | 1610.0 | 1619.6 | 1642.1 | 1654.4 | 1671.5 | 1691.3 | 1704.3 | 1718.0 | 1733.0 | 1759.0 | 1782.9 |
| 7.5°   | 1504.2 | 1520.2 | 1548.2 | 1571.2 | 1595.5 | 1624.0 | 1644.4 | 1671.5 | 1693.9 | 1730.5 | 1765.5 |
| 10°    | 1433.7 | 1456.3 | 1481.6 | 1508.9 | 1543.0 | 1573.1 | 1601.8 | 1635.9 | 1663.3 | 1707.0 | 1748.0 |
| 12.5°  | 1370.3 | 1373.7 | 1409.9 | 1440.0 | 1486.7 | 1523.9 | 1557.0 | 1601.0 | 1627.7 | 1679.7 | 1722.9 |
| 15°    | 1259.5 | 1280.0 | 1312.8 | 1336.7 | 1392.0 | 1439.1 | 1485.6 | 1531.4 | 1562.2 | 1626.4 | 1683.1 |
| 17.5°  | 1166.1 | 1185.0 | 1218.6 | 1257.8 | 1297.5 | 1344.4 | 1404.6 | 1452.9 | 1494.7 | 1568.1 | 1635.1 |
| 20°    | 1107.1 | 1130.2 | 1164.5 | 1204.8 | 1239.7 | 1290.8 | 1342.8 | 1398.2 | 1443.2 | 1526.0 | 1604.5 |
| 22.5°  | 1056.8 | 1075.0 | 1102.7 | 1142.5 | 1180.5 | 1227.4 | 1284.3 | 1344.6 | 1391.9 | 1481.1 | 1560.8 |
| 25°    | 986.1  | 1001.1 | 1018.9 | 1051.7 | 1094.8 | 1146.0 | 1190.4 | 1256.7 | 1325.7 | 1409.1 | 1505.5 |
| 27.5°  | 922.4  | 933.1  | 948.8  | 977.6  | 1010.9 | 1058.9 | 1108.3 | 1171.2 | 1240.5 | 1331.1 | 1432.7 |
| 30°    | 883.6  | 890.5  | 906.2  | 930.1  | 962.9  | 1000.4 | 1050.3 | 1110.4 | 1181.5 | 1273.1 | 1374.2 |
| 32.5°  | 849.7  | 856.0  | 866.2  | 889.0  | 917.5  | 949.6  | 994.5  | 1054.7 | 1122.5 | 1212.5 | 1324.5 |
| 35°    | 798.9  | 803.6  | 812.5  | 831.0  | 846.7  | 878.2  | 915.7  | 970.4  | 1033.9 | 1120.1 | 1236.2 |
| 37.5°  | 748.1  | 754.7  | 760.2  | 767.9  | 788.2  | 808.9  | 841.5  | 887.7  | 950.0  | 1037.0 | 1147.6 |
| 40°    | 714.8  | 720.2  | 728.4  | 731.9  | 748.3  | 766.7  | 793.4  | 835.7  | 898.7  | 977.9  | 1085.8 |
| 42.5°  | 680.9  | 686.3  | 691.3  | 695.3  | 709.4  | 725.8  | 749.7  | 786.0  | 841.8  | 918.8  | 1025.7 |
| 45°    | 634.8  | 635.5  | 640.3  | 647.8  | 654.7  | 666.3  | 683.4  | 714.8  | 757.9  | 830.3  | 927.3  |
| 47.5°  | 588.1  | 588.9  | 589.8  | 593.0  | 600.6  | 611.1  | 622.4  | 648.0  | 686.5  | 744.3  | 838.7  |
| 50°    | 557.0  | 555.5  | 557.0  | 559.6  | 564.5  | 573.4  | 586.3  | 604.8  | 636.2  | 690.2  | 776.9  |
| 52.5°  | 526.9  | 526.6  | 525.8  | 526.9  | 530.6  | 536.7  | 545.9  | 561.6  | 589.8  | 639.4  | 715.8  |
| 55°    | 481.1  | 477.7  | 478.3  | 475.6  | 481.8  | 483.1  | 490.0  | 502.9  | 527.5  | 561.7  | 633.5  |
| 57.5°  | 432.3  | 429.4  | 426.4  | 425.6  | 425.1  | 428.7  | 434.2  | 444.4  | 463.3  | 493.3  | 551.4  |
| 60°    | 401.1  | 397.7  | 393.6  | 392.3  | 392.3  | 394.3  | 397.1  | 404.6  | 422.3  | 449.0  | 496.8  |
| 62.5°  | 369.4  | 365.4  | 363.0  | 359.4  | 358.4  | 360.4  | 363.1  | 368.5  | 381.3  | 406.4  | 447.6  |
| 65°    | 320.5  | 315.8  | 312.3  | 311.7  | 310.2  | 308.2  | 309.6  | 315.0  | 325.3  | 345.1  | 377.9  |
| 67.5°  | 271.4  | 266.9  | 266.1  | 262.2  | 260.2  | 260.5  | 260.2  | 264.8  | 271.0  | 288.1  | 312.5  |
| 70°    | 239.2  | 235.8  | 234.4  | 231.0  | 229.6  | 228.3  | 226.9  | 231.0  | 237.1  | 251.5  | 272.7  |
| 72.5°  | 206.3  | 203.5  | 200.5  | 197.6  | 197.9  | 196.5  | 196.3  | 198.8  | 203.8  | 217.0  | 233.3  |
| 75°    | 159.3  | 159.9  | 156.5  | 153.1  | 152.4  | 151.1  | 151.1  | 153.1  | 155.2  | 165.4  | 178.3  |
| 77.5°  | 115.5  | 114.9  | 112.1  | 111.0  | 110.3  | 108.8  | 110.3  | 111.6  | 112.7  | 119.6  | 129.1  |
| 80°    | 88.2   | 88.2   | 84.7   | 84.7   | 84.1   | 82.0   | 84.1   | 82.7   | 85.4   | 92.3   | 99.1   |
| 82.5°  | 63.0   | 61.9   | 61.8   | 60.7   | 60.5   | 59.0   | 60.0   | 61.3   | 62.4   | 67.1   | 71.2   |
| 85°    | 30.8   | 30.8   | 30.1   | 29.4   | 30.1   | 29.4   | 30.1   | 30.8   | 31.5   | 33.5   | 36.9   |
| 87.5°  | 11.1   | 11.5   | 11.6   | 11.8   | 11.4   | 11.6   | 11.7   | 11.7   | 12.2   | 12.2   | 12.2   |
| 90°    | 23.0   | 21.8   | 19.9   | 17.9   | 16.0   | 14.1   | 11.8   | 9.1    | 6.4    | 3.7    | 1.1    |
| 92.5°  | 25.9   | 25.3   | 24.3   | 23.4   | 22.4   | 21.4   | 21.0   | 21.3   | 21.6   | 21.8   | 22.0   |
| 95°    | 43.8   | 42.5   | 40.8   | 39.1   | 37.5   | 35.8   | 38.9   | 46.9   | 54.9   | 62.9   | 70.9   |
| 97.5°  | 57.9   | 57.0   | 53.1   | 49.0   | 45.1   | 41.2   | 50.6   | 73.1   | 95.6   | 118.2  | 140.7  |
| 100°   | 64.1   | 62.2   | 58.1   | 53.9   | 49.8   | 45.7   | 60.3   | 93.5   | 126.6  | 159.9  | 193.1  |
| 102.5° | 66.4   | 63.9   | 98.4   | 132.9  | 167.3  | 201.8  | 222.6  | 229.6  | 236.6  | 243.6  | 250.7  |
| 105°   | 69.2   | 66.5   | 132.7  | 198.9  | 265.1  | 331.3  | 360.7  | 353.4  | 346.2  | 338.9  | 331.6  |
| 107.5° | 90.4   | 93.2   | 172.5  | 251.9  | 331.3  | 410.6  | 447.4  | 441.5  | 435.6  | 429.7  | 423.9  |
| 110°   | 166.7  | 190.9  | 260.9  | 331.0  | 401.1  | 471.1  | 503.5  | 498.5  | 493.4  | 488.3  | 483.2  |



TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 393.1  | 481.4  | 498.8  | 516.1  | 533.4  | 550.7  | 557.1  | 552.6  | 548.0  | 543.6  | 539.0  |
| 115°   | 560.8  | 673.1  | 667.0  | 660.9  | 654.9  | 648.8  | 643.7  | 639.5  | 635.4  | 631.3  | 627.2  |
| 117.5° | 718.3  | 745.5  | 741.3  | 737.1  | 732.9  | 728.8  | 724.4  | 719.8  | 715.2  | 710.6  | 706.0  |
| 120°   | 802.5  | 799.5  | 795.2  | 790.9  | 786.5  | 782.1  | 778.1  | 774.5  | 770.8  | 767.2  | 763.6  |
| 122.5° | 852.7  | 851.0  | 846.3  | 841.5  | 836.8  | 832.1  | 827.8  | 823.9  | 820.1  | 816.3  | 812.4  |
| 125°   | 923.5  | 921.8  | 917.1  | 912.5  | 907.9  | 903.3  | 899.4  | 896.3  | 893.1  | 889.9  | 886.8  |
| 127.5° | 987.9  | 985.4  | 982.0  | 978.6  | 975.1  | 971.7  | 968.2  | 964.7  | 961.2  | 957.7  | 954.2  |
| 130°   | 1029.1 | 1026.4 | 1023.8 | 1021.1 | 1018.4 | 1015.7 | 1012.5 | 1008.6 | 1004.8 | 1000.9 | 997.0  |
| 132.5° | 1069.7 | 1067.5 | 1064.8 | 1062.1 | 1059.4 | 1056.8 | 1053.8 | 1050.5 | 1047.2 | 1043.9 | 1040.6 |
| 135°   | 1127.0 | 1124.6 | 1122.4 | 1120.3 | 1118.0 | 1115.9 | 1112.9 | 1108.9 | 1105.1 | 1101.2 | 1097.3 |
| 137.5° | 1180.4 | 1178.0 | 1175.5 | 1173.1 | 1170.6 | 1168.1 | 1165.6 | 1162.9 | 1160.1 | 1157.4 | 1154.7 |
| 140°   | 1215.1 | 1213.0 | 1210.3 | 1207.6 | 1205.0 | 1202.3 | 1200.0 | 1198.0 | 1196.1 | 1194.2 | 1192.2 |
| 142.5° | 1247.2 | 1245.3 | 1242.2 | 1239.1 | 1236.1 | 1233.1 | 1230.7 | 1228.9 | 1227.2 | 1225.4 | 1223.7 |
| 145°   | 1292.1 | 1290.4 | 1286.3 | 1282.2 | 1278.1 | 1273.9 | 1272.0 | 1272.2 | 1272.5 | 1272.7 | 1272.9 |
| 147.5° | 1331.4 | 1330.1 | 1326.1 | 1322.0 | 1317.9 | 1313.8 | 1312.2 | 1313.1 | 1314.1 | 1315.0 | 1315.9 |
| 150°   | 1355.1 | 1353.7 | 1349.8 | 1345.9 | 1342.0 | 1338.2 | 1337.0 | 1338.7 | 1340.5 | 1342.2 | 1343.9 |
| 152.5° | 1377.0 | 1375.5 | 1371.8 | 1368.2 | 1364.4 | 1360.8 | 1359.9 | 1361.7 | 1363.6 | 1365.6 | 1367.4 |
| 155°   | 1406.4 | 1405.0 | 1402.0 | 1399.1 | 1396.2 | 1393.3 | 1392.9 | 1395.1 | 1397.3 | 1399.5 | 1401.7 |
| 157.5° | 1431.0 | 1429.4 | 1427.4 | 1425.3 | 1423.3 | 1421.2 | 1421.1 | 1423.0 | 1424.8 | 1426.6 | 1428.5 |
| 160°   | 1445.6 | 1444.2 | 1442.8 | 1441.3 | 1439.8 | 1438.4 | 1438.4 | 1439.8 | 1441.3 | 1442.8 | 1444.2 |
| 162.5° | 1458.9 | 1457.3 | 1456.1 | 1454.7 | 1453.5 | 1452.2 | 1452.3 | 1453.8 | 1455.3 | 1456.7 | 1458.2 |
| 165°   | 1475.3 | 1473.6 | 1472.9 | 1472.2 | 1471.5 | 1470.8 | 1471.1 | 1472.6 | 1474.0 | 1475.5 | 1476.9 |
| 167.5° | 1489.1 | 1487.4 | 1486.7 | 1486.0 | 1485.4 | 1484.7 | 1485.1 | 1486.6 | 1488.0 | 1489.4 | 1490.9 |
| 170°   | 1496.1 | 1494.4 | 1493.9 | 1493.4 | 1492.9 | 1492.5 | 1492.9 | 1494.4 | 1495.8 | 1497.3 | 1498.8 |
| 172.5° | 1501.3 | 1499.6 | 1499.1 | 1498.6 | 1498.2 | 1497.7 | 1498.2 | 1499.6 | 1501.1 | 1502.5 | 1504.0 |
| 175°   | 1507.0 | 1505.3 | 1504.9 | 1504.3 | 1503.9 | 1503.3 | 1504.0 | 1505.7 | 1507.3 | 1509.0 | 1510.7 |
| 177.5° | 1508.0 | 1506.6 | 1506.4 | 1506.2 | 1506.0 | 1505.8 | 1506.4 | 1507.8 | 1509.1 | 1510.5 | 1511.8 |
| 180°   | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 |



TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5°   | 1787.4 | 1790.1 | 1798.8 | 1807.7 | 1817.5 | 1820.2 | 1824.6 | 1820.8 | 1819.6 | 1830.1 | 1837.7 |
| 5°     | 1792.4 | 1804.7 | 1828.7 | 1850.6 | 1869.0 | 1882.0 | 1895.7 | 1901.1 | 1911.4 | 1925.7 | 1943.5 |
| 7.5°   | 1786.7 | 1810.6 | 1848.2 | 1880.1 | 1914.8 | 1939.8 | 1959.4 | 1976.0 | 1996.3 | 2023.5 | 2053.1 |
| 10°    | 1780.1 | 1812.3 | 1858.1 | 1897.0 | 1939.4 | 1971.5 | 1998.1 | 2024.1 | 2054.2 | 2091.8 | 2130.7 |
| 12.5°  | 1768.2 | 1806.2 | 1863.5 | 1909.6 | 1964.0 | 1995.6 | 2031.5 | 2087.6 | 2119.8 | 2172.1 | 2227.0 |
| 15°    | 1743.9 | 1786.3 | 1866.3 | 1923.0 | 1984.5 | 2044.6 | 2110.9 | 2164.2 | 2217.5 | 2248.3 | 2325.5 |
| 17.5°  | 1708.0 | 1770.2 | 1858.8 | 1924.9 | 2003.0 | 2097.7 | 2172.3 | 2232.7 | 2294.2 | 2344.0 | 2382.7 |
| 20°    | 1679.0 | 1746.7 | 1847.8 | 1927.1 | 2020.0 | 2121.8 | 2207.3 | 2268.8 | 2322.1 | 2363.7 | 2387.6 |
| 22.5°  | 1642.4 | 1727.5 | 1826.0 | 1918.9 | 2037.6 | 2138.2 | 2228.0 | 2276.4 | 2320.9 | 2341.4 | 2350.5 |
| 25°    | 1584.7 | 1687.2 | 1798.6 | 1912.1 | 2046.0 | 2152.6 | 2234.6 | 2264.0 | 2277.0 | 2257.2 | 2224.4 |
| 27.5°  | 1522.5 | 1636.8 | 1767.0 | 1899.2 | 2040.8 | 2143.3 | 2202.1 | 2197.4 | 2175.4 | 2111.3 | 2060.0 |
| 30°    | 1476.0 | 1601.8 | 1741.9 | 1886.1 | 2028.2 | 2128.0 | 2162.1 | 2128.0 | 2078.1 | 2006.3 | 1933.2 |
| 32.5°  | 1427.5 | 1557.6 | 1715.1 | 1867.5 | 2005.3 | 2093.0 | 2100.4 | 2041.7 | 1964.4 | 1882.8 | 1791.6 |
| 35°    | 1353.7 | 1494.5 | 1664.6 | 1826.0 | 1956.5 | 2011.8 | 1979.1 | 1875.2 | 1783.6 | 1672.2 | 1547.8 |
| 37.5°  | 1270.5 | 1425.9 | 1596.6 | 1765.1 | 1883.4 | 1897.8 | 1816.4 | 1707.0 | 1577.9 | 1447.0 | 1300.6 |
| 40°    | 1208.2 | 1372.9 | 1548.5 | 1718.7 | 1823.2 | 1808.2 | 1704.3 | 1584.0 | 1430.3 | 1270.3 | 1134.3 |
| 42.5°  | 1152.4 | 1317.1 | 1496.0 | 1662.9 | 1746.7 | 1705.4 | 1584.0 | 1436.5 | 1271.2 | 1120.6 | 996.0  |
| 45°    | 1055.8 | 1225.3 | 1408.5 | 1569.7 | 1617.6 | 1543.0 | 1382.4 | 1218.4 | 1055.8 | 930.1  | 831.7  |
| 47.5°  | 962.1  | 1129.6 | 1311.0 | 1452.7 | 1469.6 | 1369.5 | 1194.0 | 1025.2 | 885.4  | 783.0  | 713.5  |
| 50°    | 893.1  | 1061.2 | 1241.0 | 1367.4 | 1361.9 | 1241.0 | 1060.6 | 900.0  | 783.1  | 700.4  | 654.0  |
| 52.5°  | 831.3  | 990.2  | 1162.8 | 1277.7 | 1248.8 | 1116.9 | 944.7  | 802.1  | 706.1  | 641.4  | 599.3  |
| 55°    | 735.3  | 882.3  | 1046.2 | 1138.4 | 1085.2 | 939.0  | 793.4  | 678.6  | 607.5  | 559.0  | 526.2  |
| 57.5°  | 639.9  | 777.7  | 918.0  | 974.9  | 916.0  | 781.0  | 659.6  | 576.3  | 522.9  | 487.0  | 465.7  |
| 60°    | 580.9  | 701.2  | 826.2  | 875.4  | 805.0  | 684.7  | 589.1  | 514.6  | 471.5  | 442.1  | 423.0  |
| 62.5°  | 521.8  | 629.5  | 747.4  | 774.3  | 709.9  | 608.2  | 523.4  | 461.5  | 426.1  | 400.0  | 382.0  |
| 65°    | 441.5  | 529.6  | 619.1  | 636.9  | 577.5  | 498.8  | 431.9  | 391.6  | 360.2  | 341.0  | 326.6  |
| 67.5°  | 362.0  | 432.8  | 496.2  | 510.6  | 458.5  | 404.0  | 355.6  | 320.5  | 299.2  | 283.3  | 271.2  |
| 70°    | 315.0  | 371.0  | 423.0  | 434.6  | 393.0  | 344.4  | 307.6  | 279.5  | 260.4  | 246.7  | 235.1  |
| 72.5°  | 265.3  | 312.0  | 355.2  | 363.0  | 329.0  | 291.9  | 261.6  | 239.6  | 222.7  | 213.9  | 202.9  |
| 75°    | 203.0  | 230.3  | 263.8  | 265.8  | 243.3  | 220.7  | 197.5  | 183.2  | 174.2  | 163.4  | 157.8  |
| 77.5°  | 143.2  | 164.7  | 183.8  | 187.5  | 174.2  | 158.8  | 145.8  | 134.5  | 127.0  | 121.9  | 116.8  |
| 80°    | 109.3  | 126.4  | 134.6  | 139.4  | 129.8  | 118.9  | 111.4  | 103.9  | 99.1   | 95.7   | 92.3   |
| 82.5°  | 78.2   | 88.7   | 96.4   | 100.0  | 94.9   | 88.3   | 80.8   | 76.5   | 72.9   | 70.0   | 68.8   |
| 85°    | 39.6   | 44.4   | 49.2   | 50.6   | 49.2   | 46.5   | 42.4   | 42.4   | 40.3   | 39.6   | 39.6   |
| 87.5°  | 14.4   | 17.1   | 17.7   | 19.9   | 19.2   | 19.6   | 20.0   | 19.8   | 19.7   | 19.4   | 19.1   |
| 90°    | 3.7    | 6.4    | 9.1    | 11.8   | 14.1   | 16.0   | 17.9   | 19.9   | 21.8   | 23.0   | 24.3   |
| 92.5°  | 21.8   | 21.6   | 21.3   | 21.0   | 21.4   | 22.4   | 23.4   | 24.3   | 25.3   | 25.9   | 26.6   |
| 95°    | 62.9   | 54.9   | 46.9   | 38.9   | 35.8   | 37.5   | 39.1   | 40.8   | 42.5   | 43.8   | 44.9   |
| 97.5°  | 118.2  | 95.6   | 73.1   | 50.6   | 41.2   | 45.1   | 49.0   | 53.1   | 57.0   | 57.9   | 58.9   |
| 100°   | 159.9  | 126.6  | 93.5   | 60.3   | 45.7   | 49.8   | 53.9   | 58.1   | 62.2   | 64.1   | 66.1   |
| 102.5° | 243.6  | 236.6  | 229.6  | 222.6  | 201.8  | 167.3  | 132.9  | 98.4   | 63.9   | 66.4   | 68.9   |
| 105°   | 338.9  | 346.2  | 353.4  | 360.7  | 331.3  | 265.1  | 198.9  | 132.7  | 66.5   | 69.2   | 71.9   |
| 107.5° | 429.7  | 435.6  | 441.5  | 447.4  | 410.6  | 331.3  | 251.9  | 172.5  | 93.2   | 90.4   | 87.7   |
| 110°   | 488.3  | 493.4  | 498.5  | 503.5  | 471.1  | 401.1  | 331.0  | 260.9  | 190.9  | 166.7  | 142.4  |





TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 543.6  | 548.0  | 552.6  | 557.1  | 550.7  | 533.4  | 516.1  | 498.8  | 481.4  | 393.1  | 304.6  |
| 115°   | 631.3  | 635.4  | 639.5  | 643.7  | 648.8  | 654.9  | 660.9  | 667.0  | 673.1  | 560.8  | 448.5  |
| 117.5° | 710.6  | 715.2  | 719.8  | 724.4  | 728.8  | 732.9  | 737.1  | 741.3  | 745.5  | 718.3  | 691.2  |
| 120°   | 767.2  | 770.8  | 774.5  | 778.1  | 782.1  | 786.5  | 790.9  | 795.2  | 799.5  | 802.5  | 805.4  |
| 122.5° | 816.3  | 820.1  | 823.9  | 827.8  | 832.1  | 836.8  | 841.5  | 846.3  | 851.0  | 852.7  | 854.5  |
| 125°   | 889.9  | 893.1  | 896.3  | 899.4  | 903.3  | 907.9  | 912.5  | 917.1  | 921.8  | 923.5  | 925.1  |
| 127.5° | 957.7  | 961.2  | 964.7  | 968.2  | 971.7  | 975.1  | 978.6  | 982.0  | 985.4  | 987.9  | 990.3  |
| 130°   | 1000.9 | 1004.8 | 1008.6 | 1012.5 | 1015.7 | 1018.4 | 1021.1 | 1023.8 | 1026.4 | 1029.1 | 1031.8 |
| 132.5° | 1043.9 | 1047.2 | 1050.5 | 1053.8 | 1056.8 | 1059.4 | 1062.1 | 1064.8 | 1067.5 | 1069.7 | 1072.0 |
| 135°   | 1101.2 | 1105.1 | 1108.9 | 1112.9 | 1115.9 | 1118.0 | 1120.3 | 1122.4 | 1124.6 | 1127.0 | 1129.4 |
| 137.5° | 1157.4 | 1160.1 | 1162.9 | 1165.6 | 1168.1 | 1170.6 | 1173.1 | 1175.5 | 1178.0 | 1180.4 | 1182.8 |
| 140°   | 1194.2 | 1196.1 | 1198.0 | 1200.0 | 1202.3 | 1205.0 | 1207.6 | 1210.3 | 1213.0 | 1215.1 | 1217.4 |
| 142.5° | 1225.4 | 1227.2 | 1228.9 | 1230.7 | 1233.1 | 1236.1 | 1239.1 | 1242.2 | 1245.3 | 1247.2 | 1249.2 |
| 145°   | 1272.7 | 1272.5 | 1272.2 | 1272.0 | 1273.9 | 1278.1 | 1282.2 | 1286.3 | 1290.4 | 1292.1 | 1293.8 |
| 147.5° | 1315.0 | 1314.1 | 1313.1 | 1312.2 | 1313.8 | 1317.9 | 1322.0 | 1326.1 | 1330.1 | 1331.4 | 1332.7 |
| 150°   | 1342.2 | 1340.5 | 1338.7 | 1337.0 | 1338.2 | 1342.0 | 1345.9 | 1349.8 | 1353.7 | 1355.1 | 1356.6 |
| 152.5° | 1365.6 | 1363.6 | 1361.7 | 1359.9 | 1360.8 | 1364.4 | 1368.2 | 1371.8 | 1375.5 | 1377.0 | 1378.4 |
| 155°   | 1399.5 | 1397.3 | 1395.1 | 1392.9 | 1393.3 | 1396.2 | 1399.1 | 1402.0 | 1405.0 | 1406.4 | 1407.8 |
| 157.5° | 1426.6 | 1424.8 | 1423.0 | 1421.1 | 1421.2 | 1423.3 | 1425.3 | 1427.4 | 1429.4 | 1431.0 | 1432.7 |
| 160°   | 1442.8 | 1441.3 | 1439.8 | 1438.4 | 1438.4 | 1439.8 | 1441.3 | 1442.8 | 1444.2 | 1445.6 | 1447.2 |
| 162.5° | 1456.7 | 1455.3 | 1453.8 | 1452.3 | 1452.2 | 1453.5 | 1454.7 | 1456.1 | 1457.3 | 1458.9 | 1460.6 |
| 165°   | 1475.5 | 1474.0 | 1472.6 | 1471.1 | 1470.8 | 1471.5 | 1472.2 | 1472.9 | 1473.6 | 1475.3 | 1477.0 |
| 167.5° | 1489.4 | 1488.0 | 1486.6 | 1485.1 | 1484.7 | 1485.4 | 1486.0 | 1486.7 | 1487.4 | 1489.1 | 1490.8 |
| 170°   | 1497.3 | 1495.8 | 1494.4 | 1492.9 | 1492.5 | 1492.9 | 1493.4 | 1493.9 | 1494.4 | 1496.1 | 1497.8 |
| 172.5° | 1502.5 | 1501.1 | 1499.6 | 1498.2 | 1497.7 | 1498.2 | 1498.6 | 1499.1 | 1499.6 | 1501.3 | 1503.0 |
| 175°   | 1509.0 | 1507.3 | 1505.7 | 1504.0 | 1503.3 | 1503.9 | 1504.3 | 1504.9 | 1505.3 | 1507.0 | 1508.7 |
| 177.5° | 1510.5 | 1509.1 | 1507.8 | 1506.4 | 1505.8 | 1506.0 | 1506.2 | 1506.4 | 1506.6 | 1508.0 | 1509.3 |
| 180°   | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 |



TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5°   | 1844.2 | 1851.9 | 1851.9 | 1853.0 | 1861.7 | 1860.6 | 1860.1 |
| 5°     | 1962.7 | 1974.2 | 1975.6 | 1987.9 | 1996.1 | 1993.3 | 1985.8 |
| 7.5°   | 2074.3 | 2095.9 | 2112.3 | 2121.5 | 2132.3 | 2138.9 | 2135.9 |
| 10°    | 2162.8 | 2194.3 | 2213.4 | 2226.4 | 2242.1 | 2253.7 | 2249.6 |
| 12.5°  | 2243.2 | 2280.6 | 2306.9 | 2329.1 | 2331.2 | 2346.1 | 2336.0 |
| 15°    | 2368.6 | 2408.2 | 2412.3 | 2428.7 | 2441.7 | 2440.3 | 2441.0 |
| 17.5°  | 2409.9 | 2422.7 | 2425.3 | 2425.6 | 2425.8 | 2421.0 | 2410.7 |
| 20°    | 2395.2 | 2390.4 | 2378.8 | 2369.9 | 2354.2 | 2352.2 | 2338.5 |
| 22.5°  | 2325.2 | 2310.1 | 2280.9 | 2261.6 | 2237.2 | 2230.8 | 2227.0 |
| 25°    | 2187.5 | 2153.9 | 2107.5 | 2063.1 | 2050.8 | 2026.9 | 2033.7 |
| 27.5°  | 1998.4 | 1946.2 | 1896.0 | 1859.8 | 1827.2 | 1791.4 | 1801.6 |
| 30°    | 1865.5 | 1806.8 | 1735.7 | 1681.1 | 1646.2 | 1612.0 | 1605.9 |
| 32.5°  | 1707.0 | 1621.0 | 1541.7 | 1493.5 | 1440.1 | 1418.5 | 1394.9 |
| 35°    | 1433.7 | 1349.6 | 1271.0 | 1203.4 | 1164.5 | 1134.3 | 1107.1 |
| 37.5°  | 1187.8 | 1091.1 | 1027.6 | 972.9  | 944.7  | 927.5  | 931.8  |
| 40°    | 1035.3 | 950.6  | 904.1  | 862.4  | 836.4  | 824.1  | 826.9  |
| 42.5°  | 911.8  | 848.3  | 810.0  | 781.5  | 763.2  | 756.3  | 754.7  |
| 45°    | 771.5  | 736.0  | 704.5  | 688.1  | 679.3  | 671.7  | 667.0  |
| 47.5°  | 675.8  | 646.8  | 629.1  | 619.4  | 611.6  | 604.0  | 603.8  |
| 50°    | 618.4  | 599.3  | 587.0  | 576.8  | 570.6  | 565.2  | 569.9  |
| 52.5°  | 574.7  | 557.2  | 544.9  | 535.7  | 533.4  | 528.5  | 528.3  |
| 55°    | 509.8  | 496.1  | 487.2  | 479.0  | 474.9  | 472.2  | 468.8  |
| 57.5°  | 450.8  | 437.7  | 429.5  | 424.4  | 416.6  | 413.8  | 412.8  |
| 60°    | 408.7  | 398.4  | 390.2  | 383.3  | 380.0  | 374.5  | 374.5  |
| 62.5°  | 369.8  | 359.6  | 352.0  | 346.7  | 341.2  | 338.9  | 339.5  |
| 65°    | 313.7  | 305.5  | 297.9  | 292.5  | 291.1  | 287.0  | 288.4  |
| 67.5°  | 262.0  | 256.5  | 248.6  | 245.6  | 243.0  | 240.9  | 239.2  |
| 70°    | 227.6  | 222.1  | 218.0  | 213.9  | 211.9  | 211.9  | 211.9  |
| 72.5°  | 198.6  | 192.0  | 189.6  | 184.4  | 185.6  | 183.4  | 181.2  |
| 75°    | 153.7  | 149.6  | 147.6  | 145.5  | 142.1  | 142.1  | 142.1  |
| 77.5°  | 113.2  | 111.9  | 109.5  | 107.3  | 106.5  | 105.8  | 106.0  |
| 80°    | 87.5   | 86.8   | 85.4   | 85.4   | 84.1   | 83.4   | 82.0   |
| 82.5°  | 67.2   | 65.5   | 64.6   | 64.1   | 63.8   | 63.7   | 63.4   |
| 85°    | 38.3   | 36.9   | 36.9   | 37.5   | 36.2   | 36.2   | 36.9   |
| 87.5°  | 19.9   | 20.1   | 19.7   | 19.8   | 20.4   | 20.0   | 20.1   |
| 90°    | 25.4   | 26.7   | 27.6   | 28.0   | 28.4   | 29.0   | 29.4   |
| 92.5°  | 27.2   | 27.8   | 28.3   | 28.5   | 28.9   | 29.2   | 29.4   |
| 95°    | 46.2   | 47.3   | 47.9   | 47.6   | 47.3   | 47.2   | 46.9   |
| 97.5°  | 59.8   | 60.8   | 61.4   | 61.7   | 62.1   | 62.3   | 62.6   |
| 100°   | 67.9   | 69.9   | 71.2   | 71.6   | 72.1   | 72.6   | 73.1   |
| 102.5° | 71.5   | 74.0   | 75.6   | 76.2   | 77.0   | 77.7   | 78.3   |
| 105°   | 74.5   | 77.2   | 79.0   | 80.0   | 81.0   | 81.9   | 82.9   |
| 107.5° | 85.0   | 82.3   | 81.4   | 82.4   | 83.4   | 84.4   | 85.3   |
| 110°   | 118.2  | 93.9   | 82.3   | 83.3   | 84.3   | 85.2   | 86.1   |



TEST NUMBER: P331603-940

CATALOG NUMBER: S122DIW-S1005D1240U940-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 216.2  | 127.8  | 83.9   | 84.7   | 85.5   | 86.2   | 87.0   |
| 115°   | 336.4  | 224.1  | 159.3  | 141.8  | 124.4  | 106.9  | 89.4   |
| 117.5° | 664.0  | 636.9  | 594.6  | 537.3  | 479.9  | 422.6  | 365.2  |
| 120°   | 808.2  | 811.2  | 796.3  | 763.6  | 730.8  | 698.1  | 665.4  |
| 122.5° | 856.3  | 858.0  | 855.7  | 849.4  | 843.0  | 836.7  | 830.3  |
| 125°   | 926.8  | 928.5  | 929.7  | 930.4  | 931.2  | 931.9  | 932.6  |
| 127.5° | 992.8  | 995.3  | 996.7  | 996.8  | 996.9  | 997.0  | 997.2  |
| 130°   | 1034.5 | 1037.1 | 1038.3 | 1038.0 | 1037.9 | 1037.6 | 1037.3 |
| 132.5° | 1074.2 | 1076.6 | 1077.5 | 1077.4 | 1077.1 | 1076.8 | 1076.7 |
| 135°   | 1131.8 | 1134.3 | 1135.2 | 1134.8 | 1134.3 | 1133.8 | 1133.4 |
| 137.5° | 1185.2 | 1187.6 | 1188.3 | 1187.5 | 1186.7 | 1185.9 | 1185.0 |
| 140°   | 1219.5 | 1221.7 | 1222.2 | 1220.9 | 1219.8 | 1218.5 | 1217.4 |
| 142.5° | 1251.2 | 1253.2 | 1253.6 | 1252.4 | 1251.2 | 1249.9 | 1248.8 |
| 145°   | 1295.5 | 1297.2 | 1297.4 | 1296.2 | 1295.0 | 1293.8 | 1292.6 |
| 147.5° | 1333.9 | 1335.2 | 1335.2 | 1334.3 | 1333.2 | 1332.2 | 1331.2 |
| 150°   | 1358.1 | 1359.5 | 1359.6 | 1358.4 | 1357.2 | 1355.9 | 1354.8 |
| 152.5° | 1379.8 | 1381.3 | 1381.3 | 1379.7 | 1378.0 | 1376.4 | 1374.8 |
| 155°   | 1409.3 | 1410.8 | 1410.5 | 1408.5 | 1406.7 | 1404.7 | 1402.8 |
| 157.5° | 1434.3 | 1436.0 | 1435.8 | 1434.0 | 1432.1 | 1430.2 | 1428.3 |
| 160°   | 1448.6 | 1450.0 | 1449.9 | 1448.2 | 1446.5 | 1444.8 | 1443.1 |
| 162.5° | 1462.2 | 1463.9 | 1463.7 | 1461.6 | 1459.5 | 1457.4 | 1455.4 |
| 165°   | 1478.7 | 1480.4 | 1480.4 | 1478.7 | 1477.0 | 1475.3 | 1473.6 |
| 167.5° | 1492.5 | 1494.2 | 1494.0 | 1491.7 | 1489.6 | 1487.4 | 1485.2 |
| 170°   | 1499.5 | 1501.2 | 1500.9 | 1498.8 | 1496.6 | 1494.4 | 1492.2 |
| 172.5° | 1504.7 | 1506.4 | 1506.2 | 1504.0 | 1501.8 | 1499.6 | 1497.4 |
| 175°   | 1510.4 | 1512.1 | 1511.7 | 1509.3 | 1506.9 | 1504.4 | 1502.0 |
| 177.5° | 1510.6 | 1512.1 | 1511.8 | 1510.1 | 1508.3 | 1506.6 | 1504.9 |
| 180°   | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 | 1507.4 |

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