

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1037106

Luminaire Tested: S122R3DS-B675DB40-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1037106  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122R3DS-B675DB40-4F0-XX-W2A-A  
Description: Define 2 3in Regressed Direct Surface with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

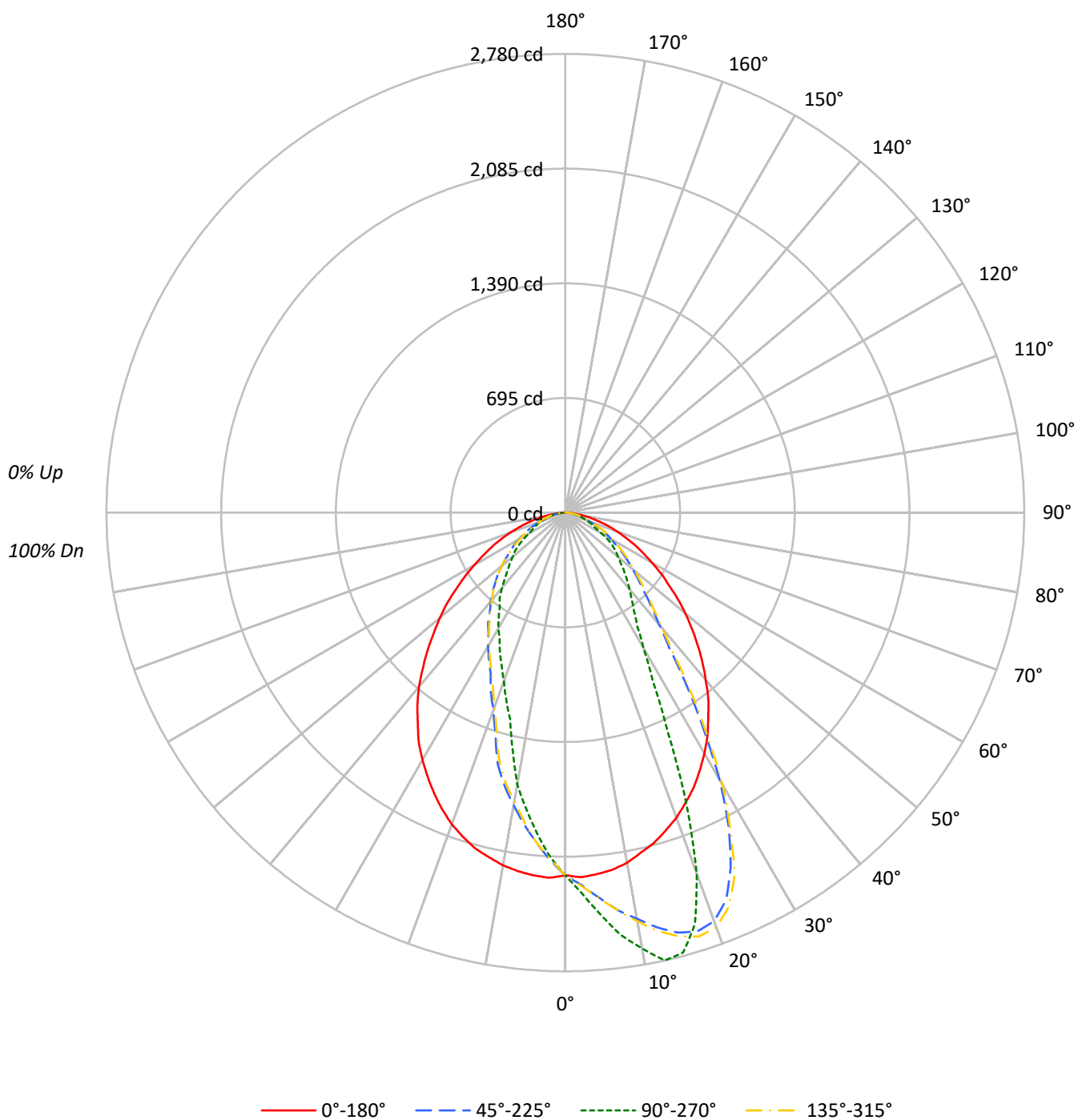
Lumens per Lamp: N/A  
Luminaire Lumens: 3798.0 lumens  
Efficiency: N/A  
Efficacy: 62.0 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 61.3  
Input Voltage (V):  
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: 24 FT

TEST NUMBER: P1037106

CATALOG NUMBER: S122R3DS-B675DB40-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1037106

CATALOG NUMBER: S122R3DS-B675DB40-4F0-XX-W2A-A

**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   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 | 100 |
| 1   | 111 | 106 | 103 | 100 | 108 | 104 | 101 | 98  | 100 | 97  | 95  |  | 96  | 94  | 92  |  | 93  | 91  | 89  | 87  |
| 2   | 102 | 95  | 89  | 84  | 100 | 93  | 88  | 83  | 90  | 85  | 81  |  | 87  | 83  | 80  |  | 84  | 81  | 78  | 76  |
| 3   | 94  | 85  | 78  | 72  | 92  | 84  | 77  | 72  | 81  | 75  | 71  |  | 78  | 73  | 69  |  | 76  | 72  | 68  | 66  |
| 4   | 87  | 77  | 69  | 63  | 85  | 76  | 68  | 63  | 73  | 67  | 62  |  | 71  | 66  | 61  |  | 69  | 64  | 60  | 59  |
| 5   | 81  | 70  | 62  | 56  | 79  | 69  | 61  | 56  | 67  | 60  | 55  |  | 65  | 59  | 55  |  | 63  | 58  | 54  | 52  |
| 6   | 76  | 64  | 56  | 50  | 74  | 63  | 55  | 50  | 61  | 54  | 49  |  | 60  | 54  | 49  |  | 58  | 53  | 49  | 47  |
| 7   | 71  | 59  | 51  | 45  | 69  | 58  | 50  | 45  | 56  | 50  | 45  |  | 55  | 49  | 44  |  | 54  | 48  | 44  | 42  |
| 8   | 66  | 54  | 46  | 41  | 65  | 53  | 46  | 41  | 52  | 45  | 41  |  | 51  | 45  | 40  |  | 50  | 44  | 40  | 39  |
| 9   | 62  | 50  | 43  | 38  | 61  | 50  | 42  | 37  | 49  | 42  | 37  |  | 47  | 41  | 37  |  | 47  | 41  | 37  | 35  |
| 10  | 59  | 47  | 39  | 35  | 58  | 46  | 39  | 35  | 45  | 39  | 34  |  | 44  | 38  | 34  |  | 44  | 38  | 34  | 33  |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 34790 | 34790 | 34790 | 34790 |
| 5°  | 34946 | 38854 | 35067 | 31039 |
| 10° | 34638 | 43107 | 34884 | 26905 |
| 15° | 33963 | 45227 | 34539 | 21199 |
| 20° | 33136 | 39209 | 33857 | 18344 |
| 25° | 32116 | 25715 | 32811 | 16379 |
| 30° | 30791 | 17308 | 31628 | 14824 |
| 35° | 29160 | 14020 | 30103 | 13370 |
| 40° | 27330 | 12466 | 28497 | 12371 |
| 45° | 25368 | 11283 | 26429 | 11043 |
| 50° | 23355 | 10267 | 24446 | 10230 |
| 55° | 21118 | 9651  | 22255 | 9527  |
| 60° | 19147 | 8076  | 20163 | 7978  |
| 65° | 17334 | 6806  | 18364 | 7723  |
| 70° | 15338 | 6290  | 16541 | 7280  |
| 75° | 13266 | 5884  | 14476 | 6728  |
| 80° | 11003 | 5433  | 11832 | 5989  |
| 85° | 8591  | 4995  | 9426  | 5267  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 160°

Vertical Angle: 45°

Luminance: 38191 cd/sqm

TEST NUMBER: P1037106

CATALOG NUMBER: S122R3DS-B675DB40-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 208.5  | 5.5       |
| 10°-20°   | 581.9  | 15.3      |
| 20°-30°   | 748.9  | 19.7      |
| 30°-40°   | 710.4  | 18.7      |
| 40°-50°   | 608.9  | 16.0      |
| 50°-60°   | 463.7  | 12.2      |
| 60°-70°   | 292.4  | 7.7       |
| 70°-80°   | 145.9  | 3.8       |
| 80°-90°   | 37.5   | 1.0       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| <hr/>     |        |           |
| 0°-30°    | 1539.2 | 40.5      |
| 0°-40°    | 2249.6 | 59.2      |
| 0°-60°    | 3322.2 | 87.5      |
| 0°-90°    | 3798.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3798.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 2198 | 2198 | 2198 | 2198 | 2198 |      |
| 5°  | 2199 | 2445 | 2207 | 1953 | 2199 | 209  |
| 15° | 2072 | 2760 | 2108 | 1294 | 2072 | 583  |
| 25° | 1839 | 1472 | 1879 | 938  | 1839 | 844  |
| 35° | 1509 | 726  | 1558 | 692  | 1509 | 944  |
| 45° | 1133 | 504  | 1181 | 493  | 1133 | 875  |
| 55° | 765  | 350  | 806  | 345  | 765  | 690  |
| 65° | 463  | 182  | 490  | 206  | 463  | 459  |
| 75° | 217  | 96   | 237  | 110  | 217  | 235  |
| 85° | 47   | 28   | 52   | 29   | 47   | 57   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

TEST NUMBER: P1037106

CATALOG NUMBER: S122R3DS-B675DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°  | 2211.5 | 2220.7 | 2225.2 | 2231.4 | 2245.1 | 2254.3 | 2268.0 | 2271.1 | 2269.5 | 2275.7 | 2258.9 |
| 5°    | 2199.3 | 2219.1 | 2237.5 | 2252.7 | 2277.2 | 2292.5 | 2309.3 | 2329.1 | 2333.7 | 2356.6 | 2342.9 |
| 7.5°  | 2182.5 | 2211.5 | 2237.5 | 2268.0 | 2304.7 | 2324.5 | 2350.5 | 2381.0 | 2394.8 | 2422.3 | 2429.9 |
| 10°   | 2155.0 | 2196.2 | 2240.5 | 2272.6 | 2323.0 | 2358.1 | 2382.6 | 2431.4 | 2463.5 | 2504.7 | 2498.6 |
| 12.5° | 2110.7 | 2164.2 | 2223.7 | 2277.2 | 2342.9 | 2365.8 | 2411.6 | 2462.0 | 2503.2 | 2541.4 | 2575.0 |
| 15°   | 2072.5 | 2133.6 | 2199.3 | 2265.0 | 2339.8 | 2382.6 | 2428.4 | 2494.1 | 2538.3 | 2605.5 | 2634.6 |
| 17.5° | 2020.6 | 2098.5 | 2176.4 | 2249.7 | 2338.3 | 2387.1 | 2443.7 | 2507.8 | 2573.5 | 2637.6 | 2660.5 |
| 20°   | 1967.1 | 2051.1 | 2135.1 | 2234.4 | 2335.2 | 2382.6 | 2440.6 | 2520.0 | 2584.2 | 2634.6 | 2634.6 |
| 22.5° | 1903.0 | 2005.3 | 2101.5 | 2196.2 | 2306.2 | 2374.9 | 2434.5 | 2527.7 | 2573.5 | 2584.2 | 2542.9 |
| 25°   | 1838.8 | 1941.2 | 2046.6 | 2164.2 | 2289.4 | 2350.5 | 2417.7 | 2504.7 | 2520.0 | 2477.3 | 2370.3 |
| 27.5° | 1762.5 | 1877.0 | 1996.2 | 2122.9 | 2254.3 | 2330.6 | 2391.7 | 2449.8 | 2420.7 | 2306.2 | 2139.7 |
| 30°   | 1684.6 | 1808.3 | 1942.7 | 2063.4 | 2222.2 | 2292.5 | 2344.4 | 2361.2 | 2269.5 | 2083.2 | 1867.9 |
| 32.5° | 1603.6 | 1724.3 | 1866.3 | 2011.4 | 2171.8 | 2239.0 | 2272.6 | 2228.3 | 2060.3 | 1825.1 | 1562.4 |
| 35°   | 1509.0 | 1644.9 | 1793.0 | 1944.2 | 2103.1 | 2153.5 | 2173.3 | 2064.9 | 1849.5 | 1545.6 | 1284.4 |
| 37.5° | 1423.4 | 1559.4 | 1718.2 | 1872.4 | 2026.7 | 2054.2 | 2034.3 | 1864.8 | 1591.4 | 1290.6 | 1035.5 |
| 40°   | 1322.6 | 1467.7 | 1623.5 | 1796.1 | 1922.8 | 1930.5 | 1881.6 | 1661.7 | 1322.6 | 1040.1 | 882.8  |
| 42.5° | 1229.5 | 1376.1 | 1531.9 | 1707.5 | 1803.7 | 1777.8 | 1712.1 | 1423.4 | 1104.2 | 896.5  | 769.8  |
| 45°   | 1133.2 | 1272.2 | 1440.2 | 1596.0 | 1664.7 | 1603.6 | 1504.4 | 1197.4 | 927.1  | 771.3  | 673.5  |
| 47.5° | 1040.1 | 1169.9 | 1336.4 | 1486.0 | 1498.3 | 1429.5 | 1311.9 | 1003.4 | 803.4  | 678.1  | 598.7  |
| 50°   | 948.4  | 1078.3 | 1234.0 | 1357.8 | 1345.5 | 1250.8 | 1118.0 | 872.1  | 698.0  | 598.7  | 533.0  |
| 52.5° | 856.8  | 974.4  | 1125.6 | 1223.4 | 1171.4 | 1079.8 | 948.4  | 739.2  | 609.4  | 522.3  | 471.9  |
| 55°   | 765.2  | 875.1  | 1005.0 | 1085.9 | 1003.4 | 898.0  | 804.9  | 633.8  | 528.4  | 458.2  | 420.0  |
| 57.5° | 688.8  | 775.9  | 895.0  | 943.9  | 844.6  | 762.1  | 681.2  | 545.2  | 458.2  | 407.8  | 363.5  |
| 60°   | 604.8  | 684.2  | 782.0  | 811.0  | 708.7  | 641.5  | 572.7  | 461.2  | 392.5  | 348.2  | 319.2  |
| 62.5° | 533.0  | 598.7  | 673.5  | 673.5  | 583.4  | 533.0  | 481.1  | 386.4  | 329.9  | 294.8  | 281.0  |
| 65°   | 462.8  | 510.1  | 563.6  | 557.5  | 481.1  | 436.8  | 395.6  | 319.2  | 276.4  | 252.0  | 238.3  |
| 67.5° | 394.0  | 430.7  | 465.8  | 444.4  | 389.5  | 351.3  | 313.1  | 258.1  | 229.1  | 212.3  | 194.0  |
| 70°   | 331.4  | 360.4  | 378.8  | 358.9  | 303.9  | 271.9  | 244.4  | 207.7  | 184.8  | 163.4  | 152.7  |
| 72.5° | 278.0  | 290.2  | 296.3  | 271.9  | 226.0  | 207.7  | 187.9  | 161.9  | 142.0  | 131.3  | 128.3  |
| 75°   | 216.9  | 227.6  | 223.0  | 204.7  | 166.5  | 152.7  | 137.5  | 119.1  | 114.5  | 108.4  | 105.4  |
| 77.5° | 169.5  | 169.5  | 161.9  | 145.1  | 119.1  | 108.4  | 102.3  | 93.2   | 88.6   | 87.1   | 84.0   |
| 80°   | 120.7  | 119.1  | 114.5  | 96.2   | 80.9   | 74.8   | 74.8   | 68.7   | 67.2   | 64.1   | 64.1   |
| 82.5° | 79.4   | 79.4   | 73.3   | 58.0   | 53.5   | 51.9   | 50.4   | 47.3   | 47.3   | 45.8   | 45.8   |
| 85°   | 47.3   | 44.3   | 36.7   | 32.1   | 30.5   | 30.5   | 29.0   | 27.5   | 29.0   | 27.5   | 27.5   |
| 87.5° | 21.4   | 16.8   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1037106

CATALOG NUMBER: S122R3DS-B675DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°  | 2275.7 | 2278.7 | 2283.3 | 2304.7 | 2307.7 | 2313.8 | 2310.8 | 2310.8 | 2312.3 | 2309.3 | 2310.8 |
| 5°    | 2373.4 | 2378.0 | 2400.9 | 2426.9 | 2433.0 | 2426.9 | 2434.5 | 2445.2 | 2445.2 | 2445.2 | 2442.1 |
| 7.5°  | 2465.0 | 2481.8 | 2507.8 | 2546.0 | 2553.6 | 2561.3 | 2575.0 | 2565.8 | 2568.9 | 2582.6 | 2578.1 |
| 10°   | 2553.6 | 2578.1 | 2607.1 | 2639.1 | 2655.9 | 2666.6 | 2672.7 | 2686.5 | 2718.6 | 2681.9 | 2695.7 |
| 12.5° | 2637.6 | 2672.7 | 2703.3 | 2738.4 | 2750.6 | 2764.4 | 2769.0 | 2781.2 | 2781.2 | 2779.7 | 2790.3 |
| 15°   | 2692.6 | 2724.7 | 2752.2 | 2775.1 | 2778.1 | 2775.1 | 2772.0 | 2773.5 | 2778.1 | 2759.8 | 2770.5 |
| 17.5° | 2704.8 | 2707.9 | 2717.0 | 2707.9 | 2709.4 | 2677.3 | 2659.0 | 2654.4 | 2611.7 | 2613.2 | 2648.3 |
| 20°   | 2645.3 | 2593.3 | 2579.6 | 2529.2 | 2498.6 | 2416.2 | 2413.1 | 2390.2 | 2300.1 | 2327.6 | 2321.5 |
| 22.5° | 2481.8 | 2393.3 | 2275.7 | 2217.6 | 2188.6 | 2101.5 | 2034.3 | 1987.0 | 1954.9 | 1922.8 | 1909.1 |
| 25°   | 2266.5 | 2122.9 | 1956.4 | 1841.9 | 1825.1 | 1744.2 | 1620.4 | 1562.4 | 1493.7 | 1472.3 | 1509.0 |
| 27.5° | 1988.5 | 1802.2 | 1614.3 | 1438.7 | 1406.6 | 1333.3 | 1270.7 | 1229.5 | 1150.0 | 1145.5 | 1148.5 |
| 30°   | 1611.3 | 1423.4 | 1266.1 | 1151.6 | 1072.2 | 1038.6 | 997.3  | 966.8  | 934.7  | 946.9  | 950.0  |
| 32.5° | 1324.2 | 1145.5 | 998.8  | 937.8  | 901.1  | 879.7  | 844.6  | 824.7  | 811.0  | 806.4  | 804.9  |
| 35°   | 1052.3 | 933.2  | 867.5  | 807.9  | 786.6  | 771.3  | 745.3  | 736.1  | 723.9  | 725.5  | 725.5  |
| 37.5° | 901.1  | 801.8  | 753.0  | 722.4  | 702.5  | 694.9  | 678.1  | 668.9  | 661.3  | 658.3  | 662.8  |
| 40°   | 777.4  | 708.7  | 678.1  | 650.6  | 633.8  | 630.8  | 621.6  | 610.9  | 601.7  | 603.3  | 607.9  |
| 42.5° | 687.3  | 647.6  | 610.9  | 589.5  | 577.3  | 572.7  | 565.1  | 557.5  | 557.5  | 552.9  | 551.3  |
| 45°   | 615.5  | 583.4  | 552.9  | 533.0  | 525.4  | 519.3  | 510.1  | 508.6  | 502.5  | 504.0  | 505.5  |
| 47.5° | 551.3  | 525.4  | 502.5  | 482.6  | 475.0  | 473.5  | 464.3  | 458.2  | 458.2  | 456.7  | 455.1  |
| 50°   | 493.3  | 467.3  | 447.5  | 436.8  | 426.1  | 423.1  | 421.5  | 420.0  | 416.9  | 416.9  | 418.5  |
| 52.5° | 446.0  | 420.0  | 404.7  | 395.6  | 389.5  | 386.4  | 386.4  | 384.9  | 384.9  | 384.9  | 383.3  |
| 55°   | 394.0  | 372.7  | 360.4  | 357.4  | 354.3  | 352.8  | 351.3  | 348.2  | 346.7  | 349.7  | 346.7  |
| 57.5° | 345.2  | 337.5  | 326.8  | 323.8  | 316.1  | 316.1  | 311.6  | 308.5  | 305.5  | 308.5  | 308.5  |
| 60°   | 307.0  | 296.3  | 290.2  | 281.0  | 274.9  | 268.8  | 261.2  | 259.6  | 256.6  | 255.1  | 253.5  |
| 62.5° | 267.3  | 258.1  | 242.8  | 229.1  | 219.9  | 213.8  | 210.8  | 209.2  | 209.2  | 207.7  | 207.7  |
| 65°   | 223.0  | 201.6  | 194.0  | 189.4  | 187.9  | 186.3  | 183.3  | 181.7  | 183.3  | 181.7  | 183.3  |
| 67.5° | 174.1  | 171.1  | 166.5  | 163.4  | 161.9  | 160.4  | 160.4  | 158.8  | 158.8  | 158.8  | 158.8  |
| 70°   | 151.2  | 143.6  | 142.0  | 139.0  | 139.0  | 137.5  | 137.5  | 137.5  | 137.5  | 135.9  | 139.0  |
| 72.5° | 125.2  | 120.7  | 119.1  | 117.6  | 117.6  | 117.6  | 116.1  | 116.1  | 116.1  | 114.5  | 116.1  |
| 75°   | 102.3  | 100.8  | 97.7   | 97.7   | 96.2   | 97.7   | 96.2   | 96.2   | 94.7   | 96.2   | 96.2   |
| 77.5° | 82.5   | 80.9   | 79.4   | 79.4   | 77.9   | 77.9   | 77.9   | 77.9   | 77.9   | 77.9   | 79.4   |
| 80°   | 62.6   | 61.1   | 59.6   | 61.1   | 59.6   | 61.1   | 59.6   | 59.6   | 61.1   | 59.6   | 59.6   |
| 82.5° | 45.8   | 44.3   | 44.3   | 42.8   | 42.8   | 42.8   | 42.8   | 42.8   | 42.8   | 42.8   | 42.8   |
| 85°   | 27.5   | 26.0   | 26.0   | 27.5   | 26.0   | 27.5   | 26.0   | 26.0   | 26.0   | 27.5   | 27.5   |
| 87.5° | 12.2   | 13.7   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 12.2   | 13.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1037106

CATALOG NUMBER: S122R3DS-B675DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°  | 2316.9 | 2306.2 | 2303.1 | 2306.2 | 2303.1 | 2304.7 | 2294.0 | 2254.3 | 2265.0 | 2248.2 | 2257.3 |
| 5°    | 2448.2 | 2439.1 | 2419.2 | 2416.2 | 2413.1 | 2410.1 | 2394.8 | 2359.7 | 2345.9 | 2323.0 | 2321.5 |
| 7.5°  | 2573.5 | 2573.5 | 2558.2 | 2547.5 | 2533.8 | 2523.1 | 2503.2 | 2451.3 | 2429.9 | 2402.4 | 2387.1 |
| 10°   | 2697.2 | 2657.5 | 2674.3 | 2663.6 | 2630.0 | 2623.9 | 2587.2 | 2556.7 | 2515.4 | 2487.9 | 2463.5 |
| 12.5° | 2785.8 | 2773.5 | 2758.3 | 2749.1 | 2739.9 | 2720.1 | 2695.7 | 2617.8 | 2596.4 | 2541.4 | 2513.9 |
| 15°   | 2782.7 | 2775.1 | 2779.7 | 2779.7 | 2776.6 | 2772.0 | 2752.2 | 2695.7 | 2659.0 | 2605.5 | 2558.2 |
| 17.5° | 2633.0 | 2652.9 | 2672.7 | 2686.5 | 2717.0 | 2730.8 | 2749.1 | 2715.5 | 2692.6 | 2646.8 | 2596.4 |
| 20°   | 2371.9 | 2420.7 | 2478.8 | 2491.0 | 2518.5 | 2599.4 | 2636.1 | 2665.1 | 2674.3 | 2659.0 | 2617.8 |
| 22.5° | 2008.4 | 2049.6 | 2190.1 | 2187.1 | 2226.8 | 2323.0 | 2429.9 | 2517.0 | 2585.7 | 2623.9 | 2608.6 |
| 25°   | 1573.1 | 1631.1 | 1706.0 | 1762.5 | 1892.3 | 2035.9 | 2168.7 | 2307.7 | 2426.9 | 2532.2 | 2558.2 |
| 27.5° | 1189.8 | 1266.1 | 1325.7 | 1400.5 | 1466.2 | 1635.7 | 1806.8 | 2023.6 | 2162.6 | 2362.7 | 2466.6 |
| 30°   | 962.2  | 997.3  | 1056.9 | 1092.0 | 1124.1 | 1253.9 | 1447.9 | 1661.7 | 1906.0 | 2136.7 | 2315.4 |
| 32.5° | 821.7  | 846.1  | 890.4  | 905.7  | 939.3  | 1026.3 | 1148.5 | 1344.0 | 1596.0 | 1875.5 | 2110.7 |
| 35°   | 737.7  | 763.6  | 772.8  | 786.6  | 814.0  | 869.0  | 953.0  | 1095.1 | 1322.6 | 1596.0 | 1877.0 |
| 37.5° | 665.9  | 679.6  | 705.6  | 714.8  | 723.9  | 765.2  | 821.7  | 921.0  | 1072.2 | 1296.7 | 1608.2 |
| 40°   | 615.5  | 623.1  | 636.9  | 644.5  | 650.6  | 679.6  | 730.0  | 797.2  | 908.7  | 1079.8 | 1366.9 |
| 42.5° | 562.0  | 571.2  | 580.4  | 589.5  | 597.2  | 620.1  | 650.6  | 714.8  | 789.6  | 919.4  | 1127.1 |
| 45°   | 510.1  | 516.2  | 526.9  | 533.0  | 543.7  | 562.0  | 589.5  | 633.8  | 701.0  | 783.5  | 951.5  |
| 47.5° | 462.8  | 470.4  | 475.0  | 482.6  | 490.3  | 510.1  | 536.1  | 565.1  | 620.1  | 701.0  | 823.2  |
| 50°   | 420.0  | 429.2  | 435.3  | 436.8  | 442.9  | 461.2  | 482.6  | 514.7  | 549.8  | 612.4  | 719.3  |
| 52.5° | 389.5  | 391.0  | 395.6  | 401.7  | 400.1  | 410.8  | 430.7  | 455.1  | 491.8  | 542.2  | 620.1  |
| 55°   | 354.3  | 358.9  | 362.0  | 363.5  | 363.5  | 372.7  | 383.3  | 406.3  | 435.3  | 476.5  | 542.2  |
| 57.5° | 310.0  | 314.6  | 323.8  | 326.8  | 331.4  | 336.0  | 340.6  | 355.9  | 380.3  | 420.0  | 473.5  |
| 60°   | 264.2  | 267.3  | 276.4  | 282.5  | 285.6  | 297.8  | 303.9  | 316.1  | 329.9  | 358.9  | 409.3  |
| 62.5° | 212.3  | 215.3  | 219.9  | 226.0  | 232.1  | 250.5  | 265.7  | 278.0  | 288.7  | 308.5  | 349.7  |
| 65°   | 184.8  | 186.3  | 189.4  | 190.9  | 192.4  | 200.1  | 213.8  | 230.6  | 250.5  | 265.7  | 290.2  |
| 67.5° | 160.4  | 161.9  | 163.4  | 166.5  | 168.0  | 169.5  | 175.6  | 180.2  | 200.1  | 221.5  | 239.8  |
| 70°   | 137.5  | 140.5  | 142.0  | 142.0  | 143.6  | 146.6  | 149.7  | 155.8  | 161.9  | 172.6  | 195.5  |
| 72.5° | 116.1  | 117.6  | 120.7  | 120.7  | 120.7  | 123.7  | 126.8  | 129.8  | 132.9  | 139.0  | 148.1  |
| 75°   | 96.2   | 99.3   | 99.3   | 99.3   | 100.8  | 100.8  | 103.9  | 106.9  | 110.0  | 114.5  | 117.6  |
| 77.5° | 79.4   | 79.4   | 79.4   | 79.4   | 80.9   | 80.9   | 82.5   | 85.5   | 87.1   | 88.6   | 91.6   |
| 80°   | 59.6   | 61.1   | 61.1   | 61.1   | 62.6   | 62.6   | 62.6   | 65.7   | 67.2   | 67.2   | 70.3   |
| 82.5° | 44.3   | 44.3   | 44.3   | 45.8   | 44.3   | 45.8   | 45.8   | 47.3   | 45.8   | 47.3   | 48.9   |
| 85°   | 27.5   | 27.5   | 27.5   | 29.0   | 29.0   | 29.0   | 29.0   | 29.0   | 29.0   | 29.0   | 30.5   |
| 87.5° | 13.7   | 13.7   | 13.7   | 13.7   | 13.7   | 13.7   | 13.7   | 13.7   | 15.3   | 13.7   | 13.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1037106

CATALOG NUMBER: S122R3DS-B675DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°  | 2243.6 | 2235.9 | 2235.9 | 2231.4 | 2231.4 | 2206.9 | 2206.9 | 2214.6 | 2205.4 | 2194.7 | 2179.4 |
| 5°    | 2301.6 | 2284.8 | 2280.2 | 2274.1 | 2254.3 | 2223.7 | 2211.5 | 2206.9 | 2188.6 | 2165.7 | 2139.7 |
| 7.5°  | 2356.6 | 2329.1 | 2315.4 | 2301.6 | 2275.7 | 2232.9 | 2208.4 | 2191.6 | 2164.2 | 2129.0 | 2095.4 |
| 10°   | 2410.1 | 2374.9 | 2339.8 | 2323.0 | 2286.3 | 2232.9 | 2197.8 | 2170.3 | 2130.6 | 2083.2 | 2035.9 |
| 12.5° | 2458.9 | 2385.6 | 2379.5 | 2345.9 | 2292.5 | 2231.4 | 2177.9 | 2138.2 | 2087.8 | 2032.8 | 1977.8 |
| 15°   | 2501.7 | 2426.9 | 2390.2 | 2359.7 | 2289.4 | 2213.0 | 2156.5 | 2107.6 | 2040.4 | 1977.8 | 1910.6 |
| 17.5° | 2523.1 | 2442.1 | 2417.7 | 2367.3 | 2295.5 | 2196.2 | 2119.9 | 2060.3 | 1987.0 | 1912.2 | 1835.8 |
| 20°   | 2544.5 | 2449.8 | 2410.1 | 2374.9 | 2277.2 | 2164.2 | 2078.6 | 2009.9 | 1929.0 | 1840.4 | 1756.4 |
| 22.5° | 2555.1 | 2449.8 | 2402.4 | 2353.5 | 2258.9 | 2129.0 | 2028.2 | 1947.3 | 1852.6 | 1762.5 | 1661.7 |
| 25°   | 2536.8 | 2440.6 | 2384.1 | 2333.7 | 2226.8 | 2086.3 | 1970.2 | 1878.6 | 1777.8 | 1675.4 | 1573.1 |
| 27.5° | 2491.0 | 2419.2 | 2353.5 | 2301.6 | 2182.5 | 2031.3 | 1909.1 | 1805.2 | 1701.4 | 1586.8 | 1483.0 |
| 30°   | 2405.5 | 2373.4 | 2321.5 | 2263.4 | 2133.6 | 1982.4 | 1837.3 | 1730.4 | 1615.9 | 1501.3 | 1392.9 |
| 32.5° | 2272.6 | 2300.1 | 2266.5 | 2216.1 | 2075.6 | 1915.2 | 1761.0 | 1652.5 | 1527.3 | 1403.6 | 1304.3 |
| 35°   | 2110.7 | 2208.4 | 2190.1 | 2155.0 | 2014.5 | 1843.4 | 1689.2 | 1557.8 | 1432.6 | 1307.4 | 1208.1 |
| 37.5° | 1933.5 | 2081.7 | 2097.0 | 2075.6 | 1944.2 | 1770.1 | 1600.6 | 1472.3 | 1344.0 | 1217.2 | 1116.4 |
| 40°   | 1690.7 | 1918.3 | 1967.1 | 1976.3 | 1870.9 | 1681.5 | 1504.4 | 1379.1 | 1252.4 | 1128.7 | 1006.5 |
| 42.5° | 1467.7 | 1754.8 | 1815.9 | 1854.1 | 1777.8 | 1594.5 | 1415.8 | 1276.8 | 1151.6 | 1040.1 | 917.9  |
| 45°   | 1258.5 | 1557.8 | 1657.1 | 1706.0 | 1672.4 | 1495.2 | 1310.4 | 1180.6 | 1066.0 | 963.7  | 846.1  |
| 47.5° | 1043.1 | 1344.0 | 1483.0 | 1560.9 | 1560.9 | 1394.4 | 1209.6 | 1081.3 | 971.4  | 884.3  | 780.4  |
| 50°   | 899.6  | 1150.0 | 1293.6 | 1395.9 | 1423.4 | 1292.1 | 1118.0 | 992.7  | 888.9  | 794.2  | 714.8  |
| 52.5° | 766.7  | 991.2  | 1110.3 | 1217.2 | 1296.7 | 1182.1 | 1015.6 | 902.6  | 800.3  | 711.7  | 649.1  |
| 55°   | 662.8  | 830.8  | 939.3  | 1056.9 | 1145.5 | 1070.6 | 916.4  | 806.4  | 717.8  | 644.5  | 591.1  |
| 57.5° | 563.6  | 710.2  | 798.8  | 902.6  | 997.3  | 940.8  | 817.1  | 722.4  | 644.5  | 580.4  | 533.0  |
| 60°   | 479.6  | 598.7  | 667.4  | 748.4  | 866.0  | 826.3  | 723.9  | 636.9  | 574.3  | 516.2  | 476.5  |
| 62.5° | 407.8  | 502.5  | 560.5  | 618.5  | 725.5  | 707.1  | 627.7  | 560.5  | 507.1  | 458.2  | 424.6  |
| 65°   | 334.5  | 412.4  | 458.2  | 508.6  | 594.1  | 601.7  | 537.6  | 490.3  | 441.4  | 398.6  | 368.1  |
| 67.5° | 270.3  | 331.4  | 372.7  | 415.4  | 484.1  | 505.5  | 461.2  | 421.5  | 380.3  | 345.2  | 317.7  |
| 70°   | 218.4  | 261.2  | 291.7  | 325.3  | 381.8  | 407.8  | 384.9  | 357.4  | 323.8  | 294.8  | 270.3  |
| 72.5° | 172.6  | 200.1  | 218.4  | 244.4  | 290.2  | 316.1  | 314.6  | 290.2  | 265.7  | 245.9  | 226.0  |
| 75°   | 126.8  | 148.1  | 163.4  | 180.2  | 216.9  | 241.3  | 247.4  | 236.7  | 212.3  | 197.0  | 181.7  |
| 77.5° | 96.2   | 108.4  | 116.1  | 128.3  | 154.3  | 175.6  | 184.8  | 181.7  | 164.9  | 152.7  | 142.0  |
| 80°   | 73.3   | 76.4   | 79.4   | 84.0   | 105.4  | 125.2  | 131.3  | 129.8  | 120.7  | 116.1  | 103.9  |
| 82.5° | 51.9   | 53.5   | 55.0   | 56.5   | 64.1   | 80.9   | 87.1   | 90.1   | 82.5   | 77.9   | 67.2   |
| 85°   | 30.5   | 32.1   | 32.1   | 35.1   | 36.7   | 41.2   | 51.9   | 51.9   | 50.4   | 44.3   | 42.8   |
| 87.5° | 15.3   | 15.3   | 13.7   | 13.7   | 15.3   | 16.8   | 19.9   | 22.9   | 19.9   | 18.3   | 16.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1037106

CATALOG NUMBER: S122R3DS-B675DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°  | 2173.3 | 2174.8 | 2179.4 | 2165.7 | 2144.3 | 2135.1 | 2107.6 | 2103.1 | 2098.5 | 2098.5 | 2103.1 |
| 5°    | 2124.4 | 2118.3 | 2119.9 | 2093.9 | 2063.4 | 2045.0 | 2006.8 | 2013.0 | 1993.1 | 1980.9 | 1983.9 |
| 7.5°  | 2071.0 | 2054.2 | 2052.7 | 2019.1 | 1980.9 | 1947.3 | 1907.6 | 1898.4 | 1880.1 | 1858.7 | 1849.5 |
| 10°   | 2003.8 | 1991.6 | 1968.7 | 1930.5 | 1881.6 | 1854.1 | 1800.7 | 1768.6 | 1764.0 | 1731.9 | 1719.7 |
| 12.5° | 1935.1 | 1913.7 | 1890.8 | 1837.3 | 1782.3 | 1738.0 | 1698.3 | 1663.2 | 1638.8 | 1611.3 | 1593.0 |
| 15°   | 1855.6 | 1829.7 | 1803.7 | 1747.2 | 1683.1 | 1638.8 | 1579.2 | 1527.3 | 1455.5 | 1399.0 | 1366.9 |
| 17.5° | 1768.6 | 1739.6 | 1704.4 | 1641.8 | 1579.2 | 1518.1 | 1408.2 | 1347.1 | 1296.7 | 1263.1 | 1243.2 |
| 20°   | 1678.5 | 1646.4 | 1611.3 | 1548.7 | 1440.2 | 1333.3 | 1272.2 | 1224.9 | 1194.3 | 1160.7 | 1136.3 |
| 22.5° | 1583.8 | 1550.2 | 1512.0 | 1414.3 | 1299.7 | 1224.9 | 1177.5 | 1133.2 | 1089.0 | 1070.6 | 1058.4 |
| 25°   | 1495.2 | 1464.7 | 1415.8 | 1282.9 | 1192.8 | 1124.1 | 1070.6 | 1041.6 | 1018.7 | 994.3  | 971.4  |
| 27.5° | 1403.6 | 1347.1 | 1278.3 | 1166.8 | 1110.3 | 1040.1 | 1001.9 | 980.5  | 940.8  | 924.0  | 913.3  |
| 30°   | 1293.6 | 1231.0 | 1165.3 | 1085.9 | 1020.2 | 971.4  | 936.2  | 901.1  | 878.2  | 861.4  | 843.1  |
| 32.5° | 1182.1 | 1122.6 | 1081.3 | 998.8  | 950.0  | 899.6  | 866.0  | 844.6  | 811.0  | 800.3  | 792.7  |
| 35°   | 1085.9 | 1035.5 | 998.8  | 931.6  | 885.8  | 840.0  | 815.6  | 783.5  | 762.1  | 742.3  | 730.0  |
| 37.5° | 991.2  | 963.7  | 925.5  | 869.0  | 820.2  | 783.5  | 749.9  | 739.2  | 710.2  | 699.5  | 687.3  |
| 40°   | 925.5  | 884.3  | 852.2  | 803.4  | 762.1  | 722.4  | 701.0  | 676.6  | 656.7  | 639.9  | 635.3  |
| 42.5° | 846.1  | 815.6  | 797.2  | 743.8  | 701.0  | 678.1  | 652.1  | 624.7  | 609.4  | 595.6  | 578.8  |
| 45°   | 786.6  | 759.1  | 733.1  | 690.3  | 652.1  | 623.1  | 600.2  | 581.9  | 555.9  | 549.8  | 523.9  |
| 47.5° | 723.9  | 696.4  | 676.6  | 633.8  | 598.7  | 571.2  | 554.4  | 530.0  | 508.6  | 494.8  | 482.6  |
| 50°   | 661.3  | 638.4  | 620.1  | 583.4  | 552.9  | 523.9  | 500.9  | 476.5  | 467.3  | 444.4  | 436.8  |
| 52.5° | 601.7  | 586.5  | 566.6  | 531.5  | 500.9  | 476.5  | 452.1  | 432.2  | 418.5  | 406.3  | 397.1  |
| 55°   | 551.3  | 526.9  | 517.7  | 479.6  | 453.6  | 427.6  | 406.3  | 394.0  | 377.2  | 369.6  | 362.0  |
| 57.5° | 494.8  | 481.1  | 465.8  | 436.8  | 407.8  | 383.3  | 368.1  | 349.7  | 340.6  | 331.4  | 325.3  |
| 60°   | 446.0  | 426.1  | 413.9  | 389.5  | 363.5  | 340.6  | 326.8  | 313.1  | 300.9  | 293.2  | 281.0  |
| 62.5° | 389.5  | 374.2  | 366.5  | 340.6  | 319.2  | 297.8  | 285.6  | 271.9  | 262.7  | 248.9  | 233.7  |
| 65°   | 340.6  | 328.4  | 319.2  | 297.8  | 278.0  | 258.1  | 245.9  | 229.1  | 216.9  | 209.2  | 207.7  |
| 67.5° | 297.8  | 288.7  | 274.9  | 255.1  | 235.2  | 219.9  | 206.2  | 192.4  | 190.9  | 187.9  | 187.9  |
| 70°   | 250.5  | 241.3  | 233.7  | 212.3  | 195.5  | 178.7  | 175.6  | 171.1  | 166.5  | 164.9  | 161.9  |
| 72.5° | 209.2  | 201.6  | 192.4  | 174.1  | 157.3  | 152.7  | 149.7  | 146.6  | 142.0  | 140.5  | 139.0  |
| 75°   | 169.5  | 158.8  | 152.7  | 135.9  | 131.3  | 128.3  | 125.2  | 120.7  | 117.6  | 116.1  | 113.0  |
| 77.5° | 129.8  | 119.1  | 119.1  | 110.0  | 106.9  | 102.3  | 99.3   | 96.2   | 94.7   | 91.6   | 91.6   |
| 80°   | 91.6   | 91.6   | 88.6   | 84.0   | 79.4   | 77.9   | 73.3   | 71.8   | 70.3   | 71.8   | 68.7   |
| 82.5° | 67.2   | 61.1   | 61.1   | 58.0   | 55.0   | 53.5   | 50.4   | 50.4   | 48.9   | 48.9   | 48.9   |
| 85°   | 38.2   | 38.2   | 36.7   | 33.6   | 32.1   | 32.1   | 30.5   | 30.5   | 29.0   | 29.0   | 27.5   |
| 87.5° | 15.3   | 13.7   | 15.3   | 13.7   | 13.7   | 12.2   | 12.2   | 12.2   | 10.7   | 12.2   | 10.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1037106

CATALOG NUMBER: S122R3DS-B675DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°  | 2103.1 | 2100.0 | 2090.8 | 2093.9 | 2089.3 | 2089.3 | 2086.3 | 2086.3 | 2086.3 | 2093.9 | 2089.3 |
| 5°    | 1988.5 | 1977.8 | 1967.1 | 1962.6 | 1958.0 | 1953.4 | 1953.4 | 1951.9 | 1965.6 | 1962.6 | 1974.8 |
| 7.5°  | 1846.5 | 1843.4 | 1822.0 | 1822.0 | 1814.4 | 1811.4 | 1819.0 | 1820.5 | 1822.0 | 1825.1 | 1832.7 |
| 10°   | 1719.7 | 1712.1 | 1681.5 | 1684.6 | 1680.0 | 1673.9 | 1678.5 | 1675.4 | 1686.1 | 1689.2 | 1686.1 |
| 12.5° | 1570.0 | 1556.3 | 1522.7 | 1505.9 | 1487.6 | 1473.8 | 1490.6 | 1478.4 | 1521.2 | 1533.4 | 1567.0 |
| 15°   | 1371.5 | 1345.5 | 1322.6 | 1322.6 | 1305.8 | 1293.6 | 1301.2 | 1315.0 | 1324.2 | 1337.9 | 1344.0 |
| 17.5° | 1238.6 | 1227.9 | 1209.6 | 1198.9 | 1194.3 | 1189.8 | 1189.8 | 1195.9 | 1215.7 | 1214.2 | 1226.4 |
| 20°   | 1125.6 | 1119.5 | 1110.3 | 1096.6 | 1092.0 | 1089.0 | 1089.0 | 1089.0 | 1102.7 | 1114.9 | 1122.6 |
| 22.5° | 1047.7 | 1043.1 | 1037.0 | 1018.7 | 1009.5 | 1006.5 | 1014.1 | 1018.7 | 1029.4 | 1038.6 | 1046.2 |
| 25°   | 969.8  | 959.1  | 948.4  | 942.3  | 937.8  | 937.8  | 940.8  | 942.3  | 946.9  | 951.5  | 960.7  |
| 27.5° | 905.7  | 898.0  | 882.8  | 866.0  | 866.0  | 861.4  | 864.4  | 867.5  | 878.2  | 893.5  | 901.1  |
| 30°   | 833.9  | 832.4  | 826.3  | 820.2  | 814.0  | 811.0  | 817.1  | 821.7  | 823.2  | 830.8  | 830.8  |
| 32.5° | 782.0  | 771.3  | 760.6  | 754.5  | 751.4  | 749.9  | 751.4  | 757.5  | 757.5  | 766.7  | 777.4  |
| 35°   | 730.0  | 723.9  | 713.2  | 702.5  | 699.5  | 691.9  | 698.0  | 704.1  | 714.8  | 719.3  | 723.9  |
| 37.5° | 673.5  | 665.9  | 661.3  | 658.3  | 652.1  | 653.7  | 649.1  | 658.3  | 667.4  | 665.9  | 668.9  |
| 40°   | 630.8  | 617.0  | 603.3  | 601.7  | 600.2  | 598.7  | 598.7  | 600.2  | 606.3  | 612.4  | 621.6  |
| 42.5° | 575.8  | 571.2  | 559.0  | 546.8  | 543.7  | 540.7  | 537.6  | 543.7  | 555.9  | 566.6  | 571.2  |
| 45°   | 519.3  | 513.2  | 510.1  | 500.9  | 494.8  | 493.3  | 490.3  | 497.9  | 508.6  | 513.2  | 516.2  |
| 47.5° | 467.3  | 465.8  | 456.7  | 458.2  | 453.6  | 455.1  | 453.6  | 458.2  | 458.2  | 462.8  | 465.8  |
| 50°   | 432.2  | 427.6  | 423.1  | 420.0  | 415.4  | 415.4  | 413.9  | 415.4  | 421.5  | 427.6  | 426.1  |
| 52.5° | 397.1  | 389.5  | 387.9  | 386.4  | 383.3  | 386.4  | 381.8  | 383.3  | 389.5  | 392.5  | 391.0  |
| 55°   | 355.9  | 354.3  | 351.3  | 348.2  | 346.7  | 345.2  | 345.2  | 345.2  | 351.3  | 355.9  | 357.4  |
| 57.5° | 323.8  | 316.1  | 310.0  | 310.0  | 303.9  | 302.4  | 305.5  | 307.0  | 311.6  | 314.6  | 317.7  |
| 60°   | 279.5  | 276.4  | 267.3  | 262.7  | 253.5  | 252.0  | 252.0  | 258.1  | 265.7  | 276.4  | 279.5  |
| 62.5° | 232.1  | 227.6  | 226.0  | 226.0  | 226.0  | 226.0  | 226.0  | 226.0  | 226.0  | 227.6  | 227.6  |
| 65°   | 206.2  | 207.7  | 206.2  | 204.7  | 206.2  | 206.2  | 204.7  | 204.7  | 204.7  | 206.2  | 207.7  |
| 67.5° | 184.8  | 183.3  | 184.8  | 183.3  | 181.7  | 181.7  | 180.2  | 181.7  | 183.3  | 184.8  | 184.8  |
| 70°   | 160.4  | 160.4  | 158.8  | 160.4  | 158.8  | 157.3  | 155.8  | 155.8  | 158.8  | 160.4  | 160.4  |
| 72.5° | 137.5  | 137.5  | 135.9  | 135.9  | 132.9  | 132.9  | 134.4  | 132.9  | 132.9  | 137.5  | 137.5  |
| 75°   | 114.5  | 113.0  | 111.5  | 111.5  | 110.0  | 110.0  | 110.0  | 108.4  | 111.5  | 111.5  | 113.0  |
| 77.5° | 90.1   | 90.1   | 90.1   | 88.6   | 88.6   | 87.1   | 87.1   | 88.6   | 88.6   | 88.6   | 90.1   |
| 80°   | 68.7   | 68.7   | 68.7   | 67.2   | 65.7   | 65.7   | 65.7   | 65.7   | 65.7   | 67.2   | 65.7   |
| 82.5° | 47.3   | 47.3   | 47.3   | 47.3   | 47.3   | 45.8   | 45.8   | 45.8   | 47.3   | 47.3   | 45.8   |
| 85°   | 29.0   | 27.5   | 29.0   | 29.0   | 27.5   | 29.0   | 27.5   | 27.5   | 26.0   | 26.0   | 27.5   |
| 87.5° | 12.2   | 10.7   | 9.2    | 9.2    | 10.7   | 9.2    | 9.2    | 9.2    | 10.7   | 9.2    | 9.2    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1037106

CATALOG NUMBER: S122R3DS-B675DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°  | 2093.9 | 2101.5 | 2098.5 | 2081.7 | 2098.5 | 2103.1 | 2112.2 | 2121.4 | 2127.5 | 2136.7 | 2144.3 |
| 5°    | 1962.6 | 1977.8 | 1987.0 | 1977.8 | 2008.4 | 2013.0 | 2034.3 | 2046.6 | 2064.9 | 2080.2 | 2092.4 |
| 7.5°  | 1838.8 | 1851.1 | 1869.4 | 1872.4 | 1890.8 | 1912.2 | 1942.7 | 1973.2 | 2002.3 | 2017.5 | 2031.3 |
| 10°   | 1706.0 | 1727.4 | 1754.8 | 1748.7 | 1776.2 | 1809.8 | 1841.9 | 1890.8 | 1915.2 | 1942.7 | 1967.1 |
| 12.5° | 1573.1 | 1586.8 | 1623.5 | 1635.7 | 1675.4 | 1701.4 | 1745.7 | 1776.2 | 1837.3 | 1869.4 | 1890.8 |
| 15°   | 1341.0 | 1397.5 | 1443.3 | 1498.3 | 1550.2 | 1599.1 | 1638.8 | 1693.8 | 1747.2 | 1771.6 | 1806.8 |
| 17.5° | 1235.6 | 1261.5 | 1289.0 | 1316.5 | 1383.7 | 1470.8 | 1541.0 | 1600.6 | 1646.4 | 1678.5 | 1719.7 |
| 20°   | 1125.6 | 1151.6 | 1182.1 | 1208.1 | 1249.3 | 1311.9 | 1399.0 | 1501.3 | 1556.3 | 1589.9 | 1629.6 |
| 22.5° | 1047.7 | 1072.2 | 1092.0 | 1114.9 | 1147.0 | 1192.8 | 1258.5 | 1385.2 | 1458.6 | 1499.8 | 1534.9 |
| 25°   | 963.7  | 994.3  | 1015.6 | 1032.4 | 1058.4 | 1108.8 | 1162.3 | 1234.0 | 1365.4 | 1397.5 | 1446.3 |
| 27.5° | 905.7  | 914.8  | 939.3  | 965.2  | 991.2  | 1018.7 | 1073.7 | 1134.8 | 1223.4 | 1293.6 | 1353.2 |
| 30°   | 837.0  | 859.9  | 882.8  | 893.5  | 916.4  | 956.1  | 989.7  | 1055.4 | 1124.1 | 1179.1 | 1250.8 |
| 32.5° | 785.0  | 798.8  | 814.0  | 840.0  | 861.4  | 888.9  | 922.5  | 977.5  | 1035.5 | 1070.6 | 1125.6 |
| 35°   | 727.0  | 736.1  | 768.2  | 778.9  | 800.3  | 827.8  | 861.4  | 904.2  | 966.8  | 994.3  | 1034.0 |
| 37.5° | 672.0  | 693.4  | 702.5  | 727.0  | 746.8  | 774.3  | 798.8  | 847.6  | 888.9  | 921.0  | 957.6  |
| 40°   | 629.2  | 638.4  | 655.2  | 676.6  | 693.4  | 714.8  | 745.3  | 780.4  | 824.7  | 850.7  | 882.8  |
| 42.5° | 577.3  | 584.9  | 606.3  | 618.5  | 646.0  | 665.9  | 684.2  | 727.0  | 766.7  | 786.6  | 818.6  |
| 45°   | 520.8  | 539.1  | 552.9  | 577.3  | 592.6  | 617.0  | 639.9  | 670.5  | 707.1  | 730.0  | 748.4  |
| 47.5° | 471.9  | 490.3  | 504.0  | 526.9  | 551.3  | 562.0  | 586.5  | 618.5  | 652.1  | 670.5  | 696.4  |
| 50°   | 432.2  | 438.3  | 464.3  | 475.0  | 500.9  | 522.3  | 539.1  | 566.6  | 603.3  | 614.0  | 635.3  |
| 52.5° | 394.0  | 398.6  | 415.4  | 429.2  | 452.1  | 470.4  | 491.8  | 517.7  | 548.3  | 565.1  | 581.9  |
| 55°   | 360.4  | 363.5  | 371.1  | 386.4  | 401.7  | 424.6  | 444.4  | 468.9  | 494.8  | 513.2  | 528.4  |
| 57.5° | 322.3  | 328.4  | 334.5  | 343.6  | 358.9  | 380.3  | 401.7  | 424.6  | 446.0  | 458.2  | 478.0  |
| 60°   | 278.0  | 287.1  | 297.8  | 308.5  | 319.2  | 334.5  | 358.9  | 380.3  | 400.1  | 410.8  | 426.1  |
| 62.5° | 230.6  | 248.9  | 258.1  | 270.3  | 279.5  | 293.2  | 311.6  | 336.0  | 349.7  | 363.5  | 375.7  |
| 65°   | 207.7  | 209.2  | 210.8  | 223.0  | 239.8  | 253.5  | 270.3  | 288.7  | 310.0  | 319.2  | 328.4  |
| 67.5° | 184.8  | 186.3  | 189.4  | 190.9  | 197.0  | 212.3  | 230.6  | 250.5  | 267.3  | 273.4  | 282.5  |
| 70°   | 161.9  | 161.9  | 168.0  | 169.5  | 171.1  | 172.6  | 187.9  | 207.7  | 223.0  | 230.6  | 241.3  |
| 72.5° | 137.5  | 139.0  | 142.0  | 143.6  | 146.6  | 149.7  | 154.3  | 164.9  | 183.3  | 190.9  | 203.1  |
| 75°   | 113.0  | 114.5  | 116.1  | 117.6  | 122.2  | 123.7  | 128.3  | 134.4  | 142.0  | 151.2  | 158.8  |
| 77.5° | 90.1   | 90.1   | 91.6   | 94.7   | 97.7   | 99.3   | 103.9  | 106.9  | 110.0  | 114.5  | 120.7  |
| 80°   | 67.2   | 68.7   | 68.7   | 71.8   | 71.8   | 73.3   | 74.8   | 79.4   | 82.5   | 85.5   | 88.6   |
| 82.5° | 45.8   | 48.9   | 48.9   | 48.9   | 50.4   | 51.9   | 53.5   | 53.5   | 56.5   | 58.0   | 62.6   |
| 85°   | 27.5   | 29.0   | 29.0   | 29.0   | 27.5   | 30.5   | 30.5   | 32.1   | 32.1   | 32.1   | 33.6   |
| 87.5° | 10.7   | 9.2    | 10.7   | 10.7   | 10.7   | 12.2   | 10.7   | 10.7   | 12.2   | 13.7   | 13.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1037106

CATALOG NUMBER: S122R3DS-B675DB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 2197.8 | 2197.8 | 2197.8 | 2197.8 |
| 2.5°  | 2158.0 | 2153.5 | 2181.0 | 2211.5 |
| 5°    | 2113.8 | 2121.4 | 2156.5 | 2199.3 |
| 7.5°  | 2067.9 | 2084.7 | 2126.0 | 2182.5 |
| 10°   | 2003.8 | 2034.3 | 2097.0 | 2155.0 |
| 12.5° | 1941.2 | 1982.4 | 2042.0 | 2110.7 |
| 15°   | 1870.9 | 1916.7 | 1990.0 | 2072.5 |
| 17.5° | 1793.0 | 1845.0 | 1930.5 | 2020.6 |
| 20°   | 1710.6 | 1779.3 | 1869.4 | 1967.1 |
| 22.5° | 1618.9 | 1701.4 | 1794.6 | 1903.0 |
| 25°   | 1530.3 | 1620.4 | 1713.6 | 1838.8 |
| 27.5° | 1443.3 | 1531.9 | 1635.7 | 1762.5 |
| 30°   | 1356.2 | 1437.2 | 1548.7 | 1684.6 |
| 32.5° | 1263.1 | 1347.1 | 1464.7 | 1603.6 |
| 35°   | 1177.5 | 1261.5 | 1371.5 | 1509.0 |
| 37.5° | 1085.9 | 1176.0 | 1281.4 | 1423.4 |
| 40°   | 979.0  | 1084.4 | 1186.7 | 1322.6 |
| 42.5° | 890.4  | 1001.9 | 1101.2 | 1229.5 |
| 45°   | 820.2  | 925.5  | 1008.0 | 1133.2 |
| 47.5° | 754.5  | 840.0  | 924.0  | 1040.1 |
| 50°   | 691.9  | 757.5  | 844.6  | 948.4  |
| 52.5° | 627.7  | 684.2  | 759.1  | 856.8  |
| 55°   | 569.7  | 623.1  | 690.3  | 765.2  |
| 57.5° | 516.2  | 554.4  | 621.6  | 688.8  |
| 60°   | 456.7  | 496.4  | 548.3  | 604.8  |
| 62.5° | 406.3  | 436.8  | 485.7  | 533.0  |
| 65°   | 352.8  | 381.8  | 418.5  | 462.8  |
| 67.5° | 303.9  | 329.9  | 358.9  | 394.0  |
| 70°   | 259.6  | 279.5  | 300.9  | 331.4  |
| 72.5° | 212.3  | 233.7  | 253.5  | 278.0  |
| 75°   | 174.1  | 183.3  | 200.1  | 216.9  |
| 77.5° | 134.4  | 146.6  | 155.8  | 169.5  |
| 80°   | 96.2   | 106.9  | 110.0  | 120.7  |
| 82.5° | 64.1   | 70.3   | 76.4   | 79.4   |
| 85°   | 36.7   | 39.7   | 45.8   | 47.3   |
| 87.5° | 13.7   | 15.3   | 18.3   | 21.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)