

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: P1012320

Luminaire Tested: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1012320  
REPORT IS A COMBINATION OF REPORTS P992999 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-B1165D365UB27-4F0-XX-W2A-A  
Description: Define 3 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}  
{m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

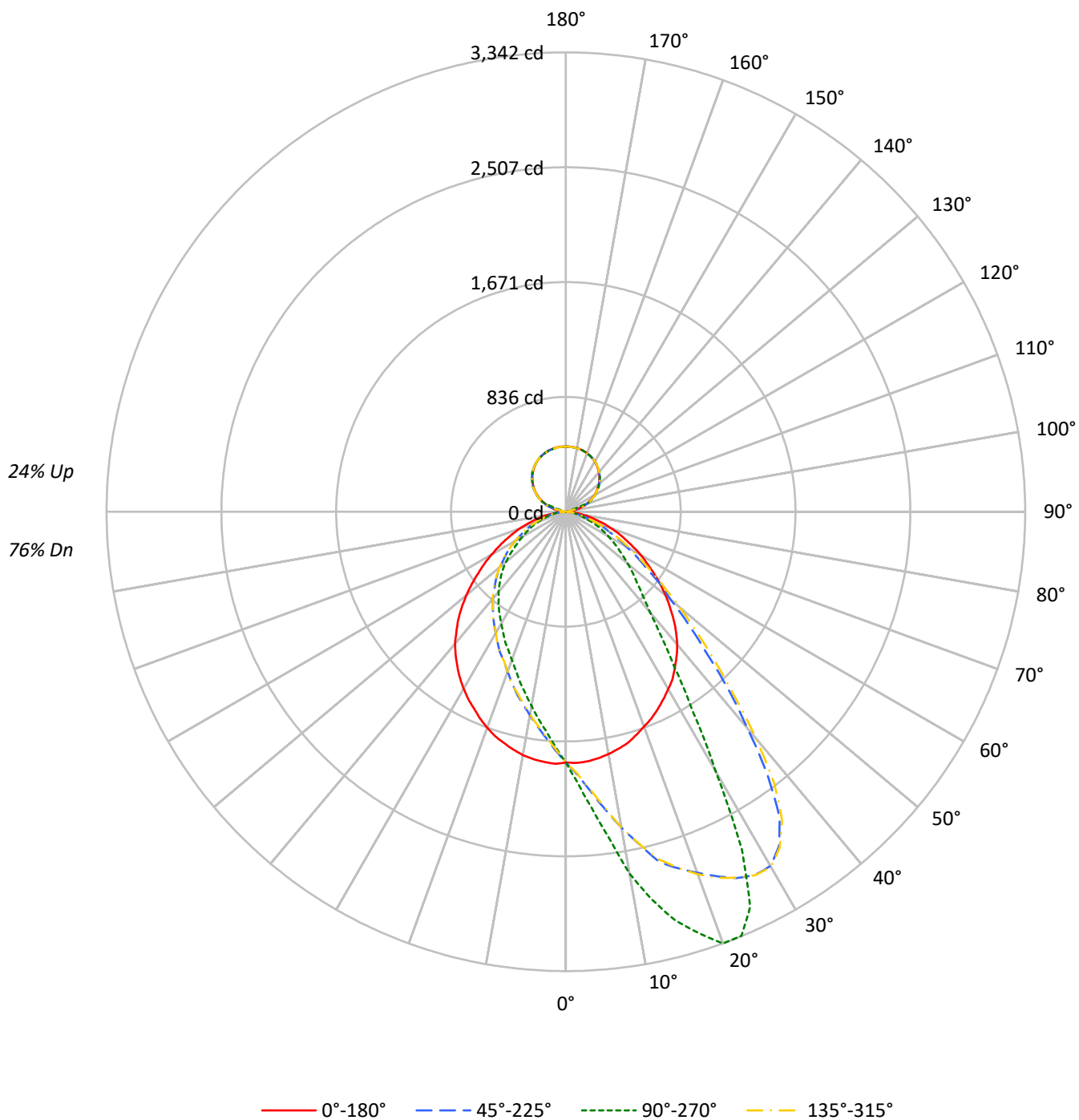
Lumens per Lamp: N/A  
Luminaire Lumens: 5989.0 lumens  
Efficiency: N/A  
Efficacy: 84.8 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 70.6  
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: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
| 0   | 113 | 113 | 113 | 113 | 108 | 108 | 108 | 108 | 98 | 98 | 98 | 88 | 88 | 88 | 80 | 80 | 80 |
| 1   | 104 | 100 | 97  | 93  | 99  | 96  | 92  | 90  | 87 | 85 | 82 | 79 | 77 | 76 | 72 | 71 | 69 |
| 2   | 96  | 89  | 83  | 78  | 91  | 85  | 80  | 75  | 77 | 73 | 70 | 71 | 67 | 65 | 65 | 62 | 60 |
| 3   | 88  | 79  | 72  | 66  | 84  | 75  | 69  | 64  | 69 | 64 | 60 | 63 | 59 | 56 | 58 | 55 | 52 |
| 4   | 81  | 70  | 63  | 57  | 77  | 68  | 60  | 55  | 62 | 56 | 52 | 57 | 52 | 49 | 52 | 49 | 45 |
| 5   | 75  | 63  | 55  | 49  | 71  | 61  | 53  | 48  | 56 | 50 | 45 | 52 | 47 | 43 | 48 | 43 | 40 |
| 6   | 69  | 57  | 49  | 43  | 66  | 55  | 48  | 42  | 51 | 45 | 40 | 47 | 42 | 38 | 44 | 39 | 36 |
| 7   | 64  | 52  | 44  | 39  | 61  | 50  | 43  | 38  | 47 | 40 | 36 | 43 | 38 | 34 | 40 | 36 | 32 |
| 8   | 60  | 48  | 40  | 35  | 57  | 46  | 39  | 34  | 43 | 37 | 32 | 40 | 34 | 31 | 37 | 32 | 29 |
| 9   | 56  | 44  | 36  | 31  | 54  | 42  | 35  | 30  | 39 | 33 | 29 | 37 | 31 | 28 | 34 | 30 | 26 |
| 10  | 53  | 40  | 33  | 28  | 50  | 39  | 32  | 28  | 37 | 31 | 26 | 34 | 29 | 25 | 32 | 27 | 24 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 19634 | 19634 | 19634 | 19634 |
| 5°  | 19649 | 22613 | 19700 | 16777 |
| 10° | 19476 | 27297 | 19560 | 14653 |
| 15° | 19275 | 30981 | 19275 | 12920 |
| 20° | 18880 | 33417 | 18986 | 11462 |
| 25° | 18591 | 31749 | 18554 | 10458 |
| 30° | 18255 | 21998 | 18215 | 9477  |
| 35° | 17849 | 14124 | 17769 | 8737  |
| 40° | 17345 | 9972  | 17258 | 8001  |
| 45° | 16467 | 7981  | 16443 | 7285  |
| 50° | 15390 | 6677  | 15339 | 6447  |
| 55° | 14177 | 5502  | 14064 | 5465  |
| 60° | 12987 | 4548  | 12857 | 4647  |
| 65° | 11589 | 3640  | 11666 | 3940  |
| 70° | 10301 | 2529  | 10578 | 3185  |
| 75° | 8734  | 1875  | 9088  | 2449  |
| 80° | 6955  | 1244  | 7546  | 1836  |
| 85° | 4947  | 587   | 5398  | 1141  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 26212 cd/sqm

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 179.1  | 3.0       |
| 10°-20°   | 560.7  | 9.4       |
| 20°-30°   | 883.2  | 14.7      |
| 30°-40°   | 918.3  | 15.3      |
| 40°-50°   | 785.7  | 13.1      |
| 50°-60°   | 599.0  | 10.0      |
| 60°-70°   | 383.8  | 6.4       |
| 70°-80°   | 183.9  | 3.1       |
| 80°-90°   | 49.3   | 0.8       |
| 90°-100°  | 16.7   | 0.3       |
| 100°-110° | 80.9   | 1.4       |
| 110°-120° | 198.2  | 3.3       |
| 120°-130° | 251.6  | 4.2       |
| 130°-140° | 268.8  | 4.5       |
| 140°-150° | 251.3  | 4.2       |
| 150°-160° | 202.7  | 3.4       |
| 160°-170° | 130.8  | 2.2       |
| 170°-180° | 45.1   | 0.8       |
| 0°-30°    | 1623.0 | 27.1      |
| 0°-40°    | 2541.4 | 42.4      |
| 0°-60°    | 3926.0 | 65.6      |
| 0°-90°    | 4543.0 | 75.9      |
| 90°-120°  | 295.8  | 4.9       |
| 90°-150°  | 1067.4 | 17.8      |
| 90°-180°  | 1446.0 | 24.1      |
| 0°-180°   | 5989.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1824 | 1824 | 1824 | 1824 | 1824 |      |
| 5°   | 1822 | 2166 | 1827 | 1607 | 1822 | 173  |
| 15°  | 1741 | 3078 | 1741 | 1284 | 1741 | 490  |
| 25°  | 1584 | 3172 | 1580 | 1045 | 1584 | 729  |
| 35°  | 1382 | 1376 | 1376 | 851  | 1382 | 865  |
| 45°  | 1109 | 734  | 1107 | 670  | 1109 | 854  |
| 55°  | 782  | 461  | 776  | 458  | 782  | 701  |
| 65°  | 479  | 266  | 483  | 287  | 479  | 479  |
| 75°  | 230  | 112  | 239  | 147  | 230  | 248  |
| 85°  | 52   | 26   | 56   | 52   | 52   | 58   |
| 90°  | 0    | 11   | 0    | 11   | 0    | 4    |
| 95°  | 22   | 13   | 22   | 13   | 22   | 26   |
| 105° | 105  | 16   | 105  | 16   | 105  | 111  |
| 115° | 197  | 207  | 197  | 207  | 197  | 195  |
| 125° | 278  | 283  | 278  | 283  | 278  | 248  |
| 135° | 346  | 349  | 346  | 349  | 346  | 266  |
| 145° | 399  | 403  | 399  | 403  | 399  | 250  |
| 155° | 439  | 439  | 439  | 439  | 439  | 202  |
| 165° | 463  | 462  | 463  | 462  | 463  | 131  |
| 175° | 474  | 473  | 474  | 473  | 474  | 45   |
| 180° | 474  | 474  | 474  | 474  | 474  |      |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 |
| 2.5°   | 1828.7 | 1841.2 | 1850.6 | 1856.9 | 1872.5 | 1881.8 | 1889.6 | 1903.7 | 1903.7 | 1906.8 | 1913.1 |
| 5°     | 1822.5 | 1849.0 | 1867.8 | 1892.8 | 1925.6 | 1941.2 | 1963.0 | 1981.8 | 2008.3 | 2022.4 | 2036.4 |
| 7.5°   | 1808.4 | 1845.9 | 1885.0 | 1922.4 | 1970.9 | 2002.1 | 2024.0 | 2072.4 | 2106.7 | 2148.9 | 2181.7 |
| 10°    | 1789.7 | 1841.2 | 1891.2 | 1949.0 | 2014.6 | 2061.4 | 2094.2 | 2158.3 | 2223.8 | 2283.2 | 2333.2 |
| 12.5°  | 1766.3 | 1828.7 | 1900.6 | 1970.9 | 2063.0 | 2109.8 | 2162.9 | 2242.6 | 2336.3 | 2411.3 | 2478.4 |
| 15°    | 1741.3 | 1813.1 | 1894.3 | 1980.2 | 2095.8 | 2161.4 | 2237.9 | 2334.7 | 2439.4 | 2547.1 | 2639.3 |
| 17.5°  | 1702.2 | 1792.8 | 1883.4 | 2008.3 | 2144.2 | 2183.2 | 2248.8 | 2381.6 | 2511.2 | 2608.0 | 2720.5 |
| 20°    | 1663.2 | 1764.7 | 1878.7 | 1991.2 | 2138.0 | 2228.5 | 2289.4 | 2430.0 | 2569.0 | 2686.1 | 2793.9 |
| 22.5°  | 1627.3 | 1733.5 | 1852.2 | 1994.3 | 2131.7 | 2222.3 | 2298.8 | 2445.6 | 2606.5 | 2737.6 | 2870.4 |
| 25°    | 1583.6 | 1699.1 | 1830.3 | 1964.6 | 2131.7 | 2200.4 | 2284.8 | 2455.0 | 2625.2 | 2776.7 | 2940.7 |
| 27.5°  | 1536.7 | 1653.8 | 1783.5 | 1920.9 | 2073.9 | 2175.4 | 2258.2 | 2440.9 | 2648.6 | 2811.0 | 2979.7 |
| 30°    | 1489.9 | 1610.1 | 1735.0 | 1858.4 | 2030.2 | 2127.0 | 2222.3 | 2423.7 | 2661.1 | 2847.0 | 2976.6 |
| 32.5°  | 1444.6 | 1546.1 | 1669.4 | 1789.7 | 1959.9 | 2066.1 | 2173.9 | 2406.6 | 2665.8 | 2822.0 | 2884.4 |
| 35°    | 1382.1 | 1488.3 | 1588.2 | 1716.3 | 1888.1 | 1992.7 | 2119.2 | 2405.0 | 2645.5 | 2742.3 | 2711.1 |
| 37.5°  | 1324.3 | 1413.3 | 1508.6 | 1622.6 | 1799.1 | 1934.9 | 2066.1 | 2364.4 | 2578.4 | 2584.6 | 2408.1 |
| 40°    | 1260.3 | 1333.7 | 1413.3 | 1533.6 | 1724.1 | 1858.4 | 2000.5 | 2301.9 | 2456.5 | 2364.4 | 2053.6 |
| 42.5°  | 1186.9 | 1252.5 | 1314.9 | 1432.1 | 1639.8 | 1789.7 | 1942.7 | 2223.8 | 2280.1 | 2067.7 | 1744.4 |
| 45°    | 1108.8 | 1161.9 | 1219.7 | 1343.1 | 1550.8 | 1699.1 | 1852.2 | 2103.6 | 2045.8 | 1746.0 | 1438.3 |
| 47.5°  | 1027.6 | 1072.9 | 1129.1 | 1241.5 | 1455.5 | 1607.0 | 1752.2 | 1931.8 | 1785.0 | 1463.3 | 1205.6 |
| 50°    | 946.4  | 982.3  | 1037.0 | 1152.5 | 1358.7 | 1496.1 | 1630.4 | 1747.5 | 1541.4 | 1255.6 | 996.4  |
| 52.5°  | 866.7  | 894.8  | 951.1  | 1049.5 | 1249.4 | 1380.5 | 1477.4 | 1522.6 | 1313.4 | 1037.0 | 865.2  |
| 55°    | 782.4  | 813.6  | 851.1  | 951.1  | 1149.4 | 1246.2 | 1310.3 | 1308.7 | 1093.2 | 879.2  | 715.3  |
| 57.5°  | 701.2  | 729.3  | 762.1  | 862.1  | 1022.9 | 1088.5 | 1143.2 | 1116.6 | 912.0  | 719.9  | 613.7  |
| 60°    | 629.4  | 645.0  | 680.9  | 765.2  | 887.0  | 943.3  | 974.5  | 929.2  | 744.9  | 607.5  | 507.5  |
| 62.5°  | 551.3  | 566.9  | 596.6  | 676.2  | 751.2  | 780.8  | 807.4  | 749.6  | 615.3  | 495.1  | 434.2  |
| 65°    | 479.4  | 499.7  | 518.5  | 582.5  | 623.1  | 659.0  | 655.9  | 607.5  | 481.0  | 402.9  | 352.9  |
| 67.5°  | 417.0  | 424.8  | 440.4  | 479.4  | 498.2  | 524.7  | 526.3  | 471.6  | 387.3  | 328.0  | 298.3  |
| 70°    | 349.8  | 357.6  | 368.6  | 387.3  | 399.8  | 406.0  | 402.9  | 354.5  | 292.0  | 256.1  | 229.6  |
| 72.5°  | 292.0  | 290.5  | 298.3  | 298.3  | 310.8  | 309.2  | 299.8  | 262.4  | 221.8  | 192.1  | 176.5  |
| 75°    | 229.6  | 231.1  | 232.7  | 229.6  | 224.9  | 218.6  | 210.8  | 182.7  | 156.2  | 142.1  | 128.1  |
| 77.5°  | 179.6  | 176.5  | 178.0  | 167.1  | 160.9  | 154.6  | 143.7  | 129.6  | 107.8  | 104.6  | 98.4   |
| 80°    | 128.1  | 126.5  | 124.9  | 120.3  | 106.2  | 99.9   | 92.1   | 84.3   | 79.6   | 76.5   | 75.0   |
| 82.5°  | 85.9   | 85.9   | 82.8   | 73.4   | 65.6   | 60.9   | 59.3   | 56.2   | 51.5   | 51.5   | 50.0   |
| 85°    | 51.5   | 50.0   | 46.9   | 37.5   | 32.8   | 32.8   | 32.8   | 32.8   | 29.7   | 29.7   | 28.1   |
| 87.5°  | 20.3   | 18.7   | 14.1   | 14.1   | 12.5   | 12.5   | 12.5   | 10.9   | 10.9   | 9.4    | 9.4    |
| 90°    | 0.4    | 1.2    | 2.0    | 2.7    | 3.5    | 3.9    | 4.4    | 5.4    | 6.5    | 7.5    | 8.5    |
| 92.5°  | 8.1    | 7.6    | 7.2    | 6.7    | 6.2    | 6.0    | 6.4    | 7.1    | 7.8    | 8.5    | 9.2    |
| 95°    | 21.5   | 18.3   | 15.1   | 11.8   | 8.6    | 7.0    | 7.4    | 8.3    | 9.2    | 10.0   | 10.9   |
| 97.5°  | 39.1   | 36.9   | 34.7   | 32.5   | 30.3   | 29.2   | 27.2   | 23.2   | 19.3   | 15.3   | 11.3   |
| 100°   | 59.6   | 61.2   | 62.7   | 64.3   | 65.8   | 66.6   | 60.5   | 48.3   | 36.0   | 23.8   | 11.6   |
| 102.5° | 82.8   | 83.8   | 84.8   | 85.9   | 86.9   | 87.4   | 80.6   | 67.0   | 53.3   | 39.7   | 26.1   |
| 105°   | 105.0  | 105.9  | 106.7  | 107.6  | 108.5  | 108.9  | 105.4  | 98.3   | 91.3   | 84.2   | 77.2   |
| 107.5° | 128.6  | 129.3  | 130.0  | 130.7  | 131.4  | 131.8  | 132.4  | 133.6  | 134.7  | 135.9  | 137.1  |
| 110°   | 152.2  | 152.8  | 153.5  | 154.1  | 154.8  | 155.1  | 155.5  | 156.4  | 157.2  | 158.1  | 158.9  |



TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 174.8 | 175.4 | 175.9 | 176.5 | 177.0 | 177.3 | 177.7 | 178.6 | 179.4 | 180.3 | 181.1 |
| 115°   | 197.0 | 197.5 | 197.9 | 198.4 | 198.9 | 199.1 | 199.5 | 200.2 | 200.9 | 201.6 | 202.3 |
| 117.5° | 218.8 | 219.4 | 219.9 | 220.5 | 221.0 | 221.3 | 221.5 | 221.9 | 222.3 | 222.7 | 223.1 |
| 120°   | 238.9 | 239.6 | 240.3 | 241.0 | 241.7 | 242.1 | 242.2 | 242.5 | 242.7 | 243.0 | 243.2 |
| 122.5° | 259.4 | 259.9 | 260.5 | 261.0 | 261.5 | 261.8 | 262.0 | 262.3 | 262.6 | 262.9 | 263.2 |
| 125°   | 277.7 | 278.3 | 278.9 | 279.6 | 280.2 | 280.5 | 280.7 | 281.0 | 281.3 | 281.6 | 281.9 |
| 127.5° | 296.0 | 296.6 | 297.2 | 297.9 | 298.5 | 298.8 | 299.0 | 299.4 | 299.8 | 300.2 | 300.6 |
| 130°   | 312.9 | 313.5 | 314.2 | 314.8 | 315.5 | 315.8 | 316.0 | 316.3 | 316.6 | 316.9 | 317.2 |
| 132.5° | 329.1 | 329.7 | 330.4 | 331.0 | 331.7 | 332.0 | 332.1 | 332.3 | 332.6 | 332.8 | 333.0 |
| 135°   | 345.7 | 346.2 | 346.6 | 347.1 | 347.6 | 347.8 | 348.0 | 348.3 | 348.6 | 348.9 | 349.2 |
| 137.5° | 359.8 | 360.4 | 361.0 | 361.7 | 362.3 | 362.6 | 362.7 | 362.8 | 363.0 | 363.1 | 363.3 |
| 140°   | 373.9 | 374.4 | 374.8 | 375.3 | 375.8 | 376.0 | 376.1 | 376.4 | 376.6 | 376.9 | 377.1 |
| 142.5° | 386.9 | 387.4 | 387.9 | 388.4 | 388.9 | 389.1 | 389.2 | 389.4 | 389.7 | 389.9 | 390.1 |
| 145°   | 398.9 | 399.5 | 400.0 | 400.6 | 401.1 | 401.4 | 401.5 | 401.6 | 401.8 | 401.9 | 402.1 |
| 147.5° | 410.6 | 411.0 | 411.4 | 411.7 | 412.1 | 412.3 | 412.4 | 412.5 | 412.7 | 412.8 | 413.0 |
| 150°   | 421.1 | 421.3 | 421.6 | 421.8 | 422.1 | 422.2 | 422.3 | 422.4 | 422.6 | 422.7 | 422.9 |
| 152.5° | 430.6 | 430.7 | 430.8 | 430.9 | 431.0 | 431.0 | 431.0 | 431.1 | 431.2 | 431.2 | 431.3 |
| 155°   | 439.4 | 439.2 | 439.1 | 438.9 | 438.8 | 438.7 | 438.7 | 438.8 | 438.9 | 439.0 | 439.1 |
| 157.5° | 446.5 | 446.5 | 446.5 | 446.5 | 446.5 | 446.5 | 446.5 | 446.4 | 446.3 | 446.2 | 446.1 |
| 160°   | 452.8 | 452.7 | 452.7 | 452.6 | 452.5 | 452.5 | 452.5 | 452.4 | 452.3 | 452.2 | 452.1 |
| 162.5° | 458.8 | 458.6 | 458.4 | 458.1 | 457.9 | 457.8 | 457.8 | 457.7 | 457.6 | 457.5 | 457.4 |
| 165°   | 463.4 | 463.2 | 463.0 | 462.7 | 462.5 | 462.4 | 462.4 | 462.3 | 462.2 | 462.1 | 462.0 |
| 167.5° | 467.3 | 467.0 | 466.7 | 466.4 | 466.1 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 |
| 170°   | 470.5 | 470.2 | 469.8 | 469.5 | 469.2 | 469.0 | 469.0 | 469.0 | 469.0 | 469.0 | 469.0 |
| 172.5° | 472.6 | 472.2 | 471.8 | 471.4 | 471.0 | 470.8 | 470.8 | 470.9 | 471.0 | 471.1 | 471.2 |
| 175°   | 474.3 | 473.9 | 473.5 | 473.2 | 472.8 | 472.6 | 472.6 | 472.7 | 472.8 | 472.8 | 472.9 |
| 177.5° | 475.0 | 474.6 | 474.2 | 473.9 | 473.5 | 473.3 | 473.3 | 473.4 | 473.5 | 473.5 | 473.6 |
| 180°   | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 |
| 2.5°   | 1925.6 | 1925.6 | 1939.6 | 1953.7 | 1945.9 | 1950.6 | 1967.7 | 1961.5 | 1974.0 | 1972.4 | 1977.1 |
| 5°     | 2070.8 | 2088.0 | 2102.0 | 2131.7 | 2136.4 | 2131.7 | 2161.4 | 2169.2 | 2183.2 | 2166.1 | 2173.9 |
| 7.5°   | 2234.8 | 2270.7 | 2305.1 | 2348.8 | 2362.8 | 2366.0 | 2381.6 | 2403.4 | 2422.2 | 2387.8 | 2405.0 |
| 10°    | 2394.1 | 2448.7 | 2519.0 | 2558.1 | 2592.4 | 2604.9 | 2617.4 | 2631.5 | 2653.3 | 2673.6 | 2658.0 |
| 12.5°  | 2565.9 | 2645.5 | 2712.7 | 2782.9 | 2825.1 | 2820.4 | 2856.3 | 2865.7 | 2882.9 | 2887.6 | 2893.8 |
| 15°    | 2706.4 | 2818.9 | 2861.0 | 2965.7 | 2975.0 | 3006.3 | 3046.9 | 3082.8 | 3087.5 | 3078.1 | 3078.1 |
| 17.5°  | 2840.7 | 2937.5 | 3012.5 | 3096.8 | 3114.0 | 3140.6 | 3192.1 | 3209.3 | 3215.5 | 3214.0 | 3214.0 |
| 20°    | 2950.0 | 3014.1 | 3140.6 | 3210.8 | 3238.9 | 3273.3 | 3309.2 | 3331.1 | 3335.8 | 3342.0 | 3332.7 |
| 22.5°  | 3021.9 | 3118.7 | 3221.8 | 3279.6 | 3303.0 | 3315.5 | 3338.9 | 3345.1 | 3337.3 | 3338.9 | 3340.5 |
| 25°    | 3078.1 | 3173.4 | 3235.8 | 3251.4 | 3249.9 | 3234.3 | 3217.1 | 3187.4 | 3184.3 | 3171.8 | 3146.8 |
| 27.5°  | 3093.7 | 3129.6 | 3121.8 | 3057.8 | 2993.8 | 2987.5 | 2884.4 | 2828.2 | 2764.2 | 2773.6 | 2737.6 |
| 30°    | 3009.4 | 2962.5 | 2851.6 | 2689.2 | 2622.1 | 2512.8 | 2397.2 | 2276.9 | 2230.1 | 2178.6 | 2273.8 |
| 32.5°  | 2803.2 | 2636.1 | 2439.4 | 2228.5 | 2116.1 | 2019.3 | 1895.9 | 1808.4 | 1758.5 | 1716.3 | 1797.5 |
| 35°    | 2492.5 | 2231.7 | 1970.9 | 1771.0 | 1678.8 | 1591.4 | 1475.8 | 1432.1 | 1369.6 | 1375.9 | 1383.7 |
| 37.5°  | 2092.7 | 1805.3 | 1608.5 | 1411.8 | 1350.9 | 1314.9 | 1230.6 | 1163.5 | 1141.6 | 1135.3 | 1135.3 |
| 40°    | 1717.9 | 1482.0 | 1307.1 | 1152.5 | 1105.7 | 1076.0 | 1008.9 | 977.6  | 954.2  | 947.9  | 955.8  |
| 42.5°  | 1421.1 | 1219.7 | 1083.8 | 980.7  | 947.9  | 910.5  | 882.4  | 843.3  | 838.6  | 827.7  | 841.8  |
| 45°    | 1193.1 | 1018.2 | 916.7  | 841.8  | 813.6  | 799.6  | 768.4  | 744.9  | 735.6  | 734.0  | 744.9  |
| 47.5°  | 1012.0 | 876.1  | 787.1  | 740.2  | 718.4  | 704.3  | 677.8  | 668.4  | 659.0  | 662.2  | 657.5  |
| 50°    | 849.6  | 748.1  | 690.3  | 648.1  | 634.0  | 620.0  | 602.8  | 593.4  | 588.8  | 588.8  | 587.2  |
| 52.5°  | 729.3  | 645.0  | 607.5  | 568.5  | 562.2  | 554.4  | 535.7  | 529.4  | 521.6  | 520.0  | 526.3  |
| 55°    | 624.7  | 566.9  | 529.4  | 506.0  | 499.7  | 484.1  | 476.3  | 468.5  | 463.8  | 460.7  | 462.3  |
| 57.5°  | 534.1  | 490.4  | 465.4  | 445.1  | 434.2  | 427.9  | 413.8  | 412.3  | 409.2  | 409.2  | 407.6  |
| 60°    | 459.1  | 427.9  | 398.2  | 385.7  | 377.9  | 370.1  | 368.6  | 359.2  | 354.5  | 357.6  | 356.1  |
| 62.5°  | 388.9  | 363.9  | 346.7  | 332.6  | 328.0  | 321.7  | 317.0  | 313.9  | 309.2  | 310.8  | 310.8  |
| 65°    | 324.8  | 304.5  | 292.0  | 279.5  | 278.0  | 271.7  | 270.2  | 267.0  | 267.0  | 265.5  | 268.6  |
| 67.5°  | 267.0  | 253.0  | 242.1  | 234.3  | 229.6  | 231.1  | 224.9  | 220.2  | 220.2  | 218.6  | 223.3  |
| 70°    | 212.4  | 204.6  | 193.6  | 184.3  | 178.0  | 178.0  | 170.2  | 168.7  | 168.7  | 168.7  | 167.1  |
| 72.5°  | 164.0  | 149.9  | 145.2  | 142.1  | 142.1  | 142.1  | 139.0  | 139.0  | 137.4  | 139.0  | 137.4  |
| 75°    | 121.8  | 120.3  | 117.1  | 115.6  | 115.6  | 114.0  | 112.4  | 112.4  | 112.4  | 112.4  | 112.4  |
| 77.5°  | 95.3   | 95.3   | 92.1   | 90.6   | 90.6   | 90.6   | 89.0   | 89.0   | 87.5   | 87.5   | 87.5   |
| 80°    | 70.3   | 70.3   | 67.2   | 67.2   | 67.2   | 65.6   | 65.6   | 65.6   | 67.2   | 65.6   | 65.6   |
| 82.5°  | 48.4   | 48.4   | 46.9   | 48.4   | 46.9   | 45.3   | 45.3   | 45.3   | 43.7   | 45.3   | 45.3   |
| 85°    | 28.1   | 28.1   | 26.5   | 25.0   | 26.5   | 26.5   | 25.0   | 26.5   | 25.0   | 26.5   | 25.0   |
| 87.5°  | 10.9   | 9.4    | 9.4    | 9.4    | 7.8    | 9.4    | 7.8    | 7.8    | 9.4    | 7.8    | 9.4    |
| 90°    | 8.8    | 9.1    | 9.4    | 9.7    | 9.9    | 10.0   | 10.1   | 10.3   | 10.4   | 10.6   | 10.4   |
| 92.5°  | 9.7    | 10.3   | 10.8   | 11.3   | 11.6   | 11.6   | 11.7   | 11.8   | 11.9   | 12.0   | 11.9   |
| 95°    | 11.5   | 12.0   | 12.6   | 13.1   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   |
| 97.5°  | 11.9   | 12.5   | 13.2   | 13.8   | 14.1   | 14.1   | 14.2   | 14.3   | 14.3   | 14.4   | 14.3   |
| 100°   | 12.2   | 12.8   | 13.5   | 14.1   | 14.4   | 14.4   | 14.5   | 14.6   | 14.7   | 14.8   | 14.7   |
| 102.5° | 23.5   | 20.9   | 18.3   | 15.7   | 14.4   | 14.5   | 14.7   | 14.8   | 15.0   | 15.2   | 15.0   |
| 105°   | 63.3   | 49.5   | 35.6   | 21.7   | 14.8   | 14.9   | 15.0   | 15.2   | 15.3   | 15.5   | 15.3   |
| 107.5° | 125.0  | 113.0  | 100.9  | 88.8   | 82.8   | 77.7   | 67.4   | 57.2   | 46.9   | 36.7   | 46.9   |
| 110°   | 156.3  | 153.7  | 151.2  | 148.6  | 147.3  | 141.7  | 130.5  | 119.3  | 108.1  | 96.9   | 108.1  |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 181.8 | 182.5 | 183.2 | 183.9 | 184.3 | 184.2 | 184.1 | 183.9 | 183.8 | 183.6 | 183.8 |
| 115°   | 203.1 | 203.9 | 204.6 | 205.4 | 205.8 | 206.0 | 206.3 | 206.6 | 206.9 | 207.2 | 206.9 |
| 117.5° | 223.7 | 224.3 | 225.0 | 225.6 | 225.9 | 225.9 | 226.0 | 226.1 | 226.1 | 226.2 | 226.1 |
| 120°   | 243.8 | 244.4 | 245.1 | 245.7 | 246.0 | 246.0 | 246.0 | 246.0 | 246.0 | 246.0 | 246.0 |
| 122.5° | 263.6 | 264.0 | 264.4 | 264.8 | 265.0 | 265.0 | 265.1 | 265.2 | 265.3 | 265.4 | 265.3 |
| 125°   | 282.1 | 282.2 | 282.4 | 282.5 | 282.6 | 282.7 | 282.8 | 283.0 | 283.1 | 283.3 | 283.1 |
| 127.5° | 300.8 | 301.1 | 301.3 | 301.6 | 301.7 | 301.6 | 301.5 | 301.3 | 301.2 | 301.0 | 301.2 |
| 130°   | 317.5 | 317.8 | 318.1 | 318.4 | 318.6 | 318.5 | 318.4 | 318.2 | 318.1 | 317.9 | 318.1 |
| 132.5° | 333.3 | 333.6 | 333.9 | 334.2 | 334.4 | 334.3 | 334.1 | 333.8 | 333.6 | 333.4 | 333.6 |
| 135°   | 349.4 | 349.7 | 349.9 | 350.2 | 350.3 | 350.2 | 349.9 | 349.7 | 349.4 | 349.2 | 349.4 |
| 137.5° | 363.7 | 364.1 | 364.5 | 364.9 | 365.1 | 365.0 | 364.9 | 364.7 | 364.6 | 364.4 | 364.6 |
| 140°   | 377.4 | 377.7 | 378.0 | 378.3 | 378.5 | 378.4 | 378.3 | 378.1 | 378.0 | 377.8 | 378.0 |
| 142.5° | 390.3 | 390.6 | 390.8 | 391.1 | 391.2 | 391.1 | 390.8 | 390.6 | 390.3 | 390.1 | 390.3 |
| 145°   | 402.3 | 402.4 | 402.6 | 402.7 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 |
| 147.5° | 413.2 | 413.3 | 413.5 | 413.6 | 413.7 | 413.5 | 413.1 | 412.8 | 412.4 | 412.0 | 412.4 |
| 150°   | 423.1 | 423.2 | 423.4 | 423.5 | 423.6 | 423.5 | 423.2 | 423.0 | 422.7 | 422.5 | 422.7 |
| 152.5° | 431.6 | 432.0 | 432.3 | 432.6 | 432.8 | 432.6 | 432.2 | 431.8 | 431.4 | 431.0 | 431.4 |
| 155°   | 439.5 | 439.9 | 440.3 | 440.7 | 440.9 | 440.7 | 440.2 | 439.7 | 439.2 | 438.7 | 439.2 |
| 157.5° | 446.6 | 447.1 | 447.6 | 448.1 | 448.3 | 448.0 | 447.3 | 446.7 | 446.0 | 445.4 | 446.0 |
| 160°   | 452.6 | 453.0 | 453.5 | 454.0 | 454.2 | 453.9 | 453.4 | 452.9 | 452.3 | 451.8 | 452.3 |
| 162.5° | 458.0 | 458.5 | 459.1 | 459.6 | 459.9 | 459.7 | 459.2 | 458.7 | 458.3 | 457.8 | 458.3 |
| 165°   | 462.6 | 463.2 | 463.9 | 464.5 | 464.8 | 464.5 | 464.0 | 463.5 | 462.9 | 462.4 | 462.9 |
| 167.5° | 466.5 | 467.1 | 467.8 | 468.4 | 468.7 | 468.4 | 467.8 | 467.1 | 466.5 | 465.9 | 466.5 |
| 170°   | 469.6 | 470.3 | 470.9 | 471.6 | 471.9 | 471.6 | 470.9 | 470.3 | 469.6 | 469.0 | 469.6 |
| 172.5° | 471.8 | 472.4 | 473.1 | 473.7 | 474.0 | 473.6 | 472.9 | 472.2 | 471.5 | 470.8 | 471.5 |
| 175°   | 473.5 | 474.0 | 474.6 | 475.1 | 475.4 | 475.1 | 474.5 | 473.8 | 473.2 | 472.6 | 473.2 |
| 177.5° | 474.2 | 474.9 | 475.5 | 476.2 | 476.5 | 476.1 | 475.3 | 474.5 | 473.7 | 472.9 | 473.7 |
| 180°   | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 |
| 2.5°   | 1969.3 | 1959.9 | 1953.7 | 1949.0 | 1944.3 | 1958.4 | 1939.6 | 1919.3 | 1905.3 | 1895.9 | 1892.8 |
| 5°     | 2175.4 | 2155.1 | 2138.0 | 2123.9 | 2127.0 | 2127.0 | 2094.2 | 2058.3 | 2027.1 | 2009.9 | 1991.2 |
| 7.5°   | 2414.4 | 2392.5 | 2358.2 | 2350.3 | 2344.1 | 2305.1 | 2272.3 | 2206.7 | 2167.6 | 2128.6 | 2094.2 |
| 10°    | 2651.8 | 2623.6 | 2590.8 | 2579.9 | 2564.3 | 2515.9 | 2465.9 | 2381.6 | 2333.2 | 2261.3 | 2216.0 |
| 12.5°  | 2873.5 | 2839.2 | 2806.4 | 2798.6 | 2775.1 | 2733.0 | 2647.1 | 2559.6 | 2476.8 | 2400.3 | 2320.7 |
| 15°    | 3059.4 | 3050.0 | 3000.0 | 2968.8 | 2917.2 | 2859.5 | 2840.7 | 2722.0 | 2617.4 | 2537.7 | 2394.1 |
| 17.5°  | 3215.5 | 3171.8 | 3124.9 | 3104.6 | 3084.3 | 3017.2 | 2950.0 | 2828.2 | 2715.8 | 2598.7 | 2506.5 |
| 20°    | 3340.5 | 3292.0 | 3259.3 | 3229.6 | 3220.2 | 3143.7 | 3037.5 | 2929.7 | 2806.4 | 2675.2 | 2554.9 |
| 22.5°  | 3346.7 | 3340.5 | 3318.6 | 3301.4 | 3282.7 | 3232.7 | 3148.4 | 3014.1 | 2882.9 | 2739.2 | 2581.5 |
| 25°    | 3217.1 | 3207.7 | 3270.2 | 3254.6 | 3267.1 | 3248.3 | 3203.0 | 3090.6 | 2937.5 | 2768.9 | 2609.6 |
| 27.5°  | 2826.7 | 2921.9 | 3020.3 | 3054.7 | 3078.1 | 3145.2 | 3167.1 | 3104.6 | 2981.3 | 2801.7 | 2623.6 |
| 30°    | 2295.7 | 2422.2 | 2581.5 | 2667.4 | 2733.0 | 2857.9 | 3020.3 | 3040.6 | 2982.8 | 2839.2 | 2620.5 |
| 32.5°  | 1802.2 | 1917.8 | 2045.8 | 2147.3 | 2234.8 | 2490.9 | 2709.5 | 2867.3 | 2895.4 | 2820.4 | 2628.3 |
| 35°    | 1452.4 | 1502.3 | 1624.2 | 1721.0 | 1839.7 | 2058.3 | 2316.0 | 2570.5 | 2742.3 | 2751.7 | 2604.9 |
| 37.5°  | 1197.8 | 1224.4 | 1330.6 | 1385.2 | 1455.5 | 1647.6 | 1888.1 | 2220.7 | 2487.8 | 2614.3 | 2539.3 |
| 40°    | 991.7  | 1052.6 | 1113.5 | 1144.7 | 1194.7 | 1327.4 | 1558.6 | 1819.4 | 2150.4 | 2384.7 | 2437.8 |
| 42.5°  | 860.5  | 887.0  | 926.1  | 969.8  | 1001.0 | 1116.6 | 1271.2 | 1510.2 | 1808.4 | 2134.8 | 2281.6 |
| 45°    | 759.0  | 768.4  | 809.0  | 837.1  | 869.9  | 951.1  | 1060.4 | 1260.3 | 1522.6 | 1844.4 | 2094.2 |
| 47.5°  | 674.7  | 693.4  | 715.3  | 732.4  | 754.3  | 816.8  | 910.5  | 1055.7 | 1286.8 | 1574.2 | 1842.8 |
| 50°    | 599.7  | 610.6  | 638.7  | 646.5  | 662.2  | 705.9  | 777.7  | 888.6  | 1079.1 | 1308.7 | 1586.7 |
| 52.5°  | 529.4  | 549.7  | 560.6  | 571.6  | 585.6  | 621.6  | 668.4  | 759.0  | 902.7  | 1118.2 | 1354.0 |
| 55°    | 474.8  | 481.0  | 496.6  | 506.0  | 516.9  | 541.9  | 582.5  | 649.7  | 762.1  | 933.9  | 1157.2 |
| 57.5°  | 421.7  | 421.7  | 437.3  | 445.1  | 456.0  | 474.8  | 510.7  | 562.2  | 643.4  | 771.5  | 976.1  |
| 60°    | 365.4  | 367.0  | 379.5  | 388.9  | 392.0  | 410.7  | 440.4  | 481.0  | 543.5  | 637.2  | 804.3  |
| 62.5°  | 315.5  | 323.3  | 329.5  | 332.6  | 343.6  | 354.5  | 379.5  | 407.6  | 451.3  | 534.1  | 652.8  |
| 65°    | 273.3  | 274.9  | 279.5  | 282.7  | 287.4  | 299.8  | 318.6  | 337.3  | 374.8  | 435.7  | 532.5  |
| 67.5°  | 224.9  | 231.1  | 237.4  | 237.4  | 242.1  | 248.3  | 267.0  | 282.7  | 310.8  | 346.7  | 412.3  |
| 70°    | 168.7  | 171.8  | 181.2  | 185.8  | 192.1  | 203.0  | 212.4  | 221.8  | 243.6  | 270.2  | 320.1  |
| 72.5°  | 140.6  | 140.6  | 143.7  | 145.2  | 145.2  | 153.0  | 167.1  | 176.5  | 187.4  | 206.1  | 240.5  |
| 75°    | 112.4  | 112.4  | 117.1  | 115.6  | 118.7  | 121.8  | 123.4  | 129.6  | 135.9  | 149.9  | 170.2  |
| 77.5°  | 89.0   | 90.6   | 90.6   | 92.1   | 92.1   | 93.7   | 95.3   | 98.4   | 101.5  | 109.3  | 118.7  |
| 80°    | 65.6   | 67.2   | 67.2   | 68.7   | 68.7   | 70.3   | 71.8   | 73.4   | 76.5   | 79.6   | 84.3   |
| 82.5°  | 45.3   | 46.9   | 46.9   | 48.4   | 46.9   | 48.4   | 50.0   | 50.0   | 51.5   | 54.7   | 56.2   |
| 85°    | 26.5   | 26.5   | 28.1   | 26.5   | 26.5   | 26.5   | 28.1   | 28.1   | 29.7   | 34.4   | 34.4   |
| 87.5°  | 7.8    | 9.4    | 7.8    | 9.4    | 9.4    | 9.4    | 9.4    | 10.9   | 10.9   | 12.5   | 14.1   |
| 90°    | 10.3   | 10.1   | 10.0   | 9.9    | 9.7    | 9.4    | 9.1    | 8.8    | 8.5    | 7.5    | 6.5    |
| 92.5°  | 11.8   | 11.7   | 11.6   | 11.6   | 11.3   | 10.8   | 10.3   | 9.7    | 9.2    | 8.5    | 7.8    |
| 95°    | 13.4   | 13.4   | 13.4   | 13.4   | 13.1   | 12.6   | 12.0   | 11.5   | 10.9   | 10.0   | 9.2    |
| 97.5°  | 14.3   | 14.2   | 14.1   | 14.1   | 13.8   | 13.2   | 12.5   | 11.9   | 11.3   | 15.3   | 19.3   |
| 100°   | 14.6   | 14.5   | 14.4   | 14.4   | 14.1   | 13.5   | 12.8   | 12.2   | 11.6   | 23.8   | 36.0   |
| 102.5° | 14.8   | 14.7   | 14.5   | 14.4   | 15.7   | 18.3   | 20.9   | 23.5   | 26.1   | 39.7   | 53.3   |
| 105°   | 15.2   | 15.0   | 14.9   | 14.8   | 21.7   | 35.6   | 49.5   | 63.3   | 77.2   | 84.2   | 91.3   |
| 107.5° | 57.2   | 67.4   | 77.7   | 82.8   | 88.8   | 100.9  | 113.0  | 125.0  | 137.1  | 135.9  | 134.7  |
| 110°   | 119.3  | 130.5  | 141.7  | 147.3  | 148.6  | 151.2  | 153.7  | 156.3  | 158.9  | 158.1  | 157.2  |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 183.9 | 184.1 | 184.2 | 184.3  | 183.9 | 183.2 | 182.5 | 181.8 | 181.1 | 180.3 | 179.4 |
| 115°   | 206.6 | 206.3 | 206.0 | 205.8  | 205.4 | 204.6 | 203.9 | 203.1 | 202.3 | 201.6 | 200.9 |
| 117.5° | 226.1 | 226.0 | 225.9 | 225.9  | 225.6 | 225.0 | 224.3 | 223.7 | 223.1 | 222.7 | 222.3 |
| 120°   | 246.0 | 246.0 | 246.0 | 246.0  | 245.7 | 245.1 | 244.4 | 243.8 | 243.2 | 243.0 | 242.7 |
| 122.5° | 265.2 | 265.1 | 265.0 | 265.0  | 264.8 | 264.4 | 264.0 | 263.6 | 263.2 | 262.9 | 262.6 |
| 125°   | 283.0 | 282.8 | 282.7 | 282.6  | 282.5 | 282.4 | 282.2 | 282.1 | 281.9 | 281.6 | 281.3 |
| 127.5° | 301.3 | 301.5 | 301.6 | 301.7  | 301.6 | 301.3 | 301.1 | 300.8 | 300.6 | 300.2 | 299.8 |
| 130°   | 318.2 | 318.4 | 318.5 | 318.6  | 318.4 | 318.1 | 317.8 | 317.5 | 317.2 | 316.9 | 316.6 |
| 132.5° | 333.8 | 334.1 | 334.3 | 334.4  | 334.2 | 333.9 | 333.6 | 333.3 | 333.0 | 332.8 | 332.6 |
| 135°   | 349.7 | 349.9 | 350.2 | 350.3  | 350.2 | 349.9 | 349.7 | 349.4 | 349.2 | 348.9 | 348.6 |
| 137.5° | 364.7 | 364.9 | 365.0 | 365.1  | 364.9 | 364.5 | 364.1 | 363.7 | 363.3 | 363.1 | 363.0 |
| 140°   | 378.1 | 378.3 | 378.4 | 378.5  | 378.3 | 378.0 | 377.7 | 377.4 | 377.1 | 376.9 | 376.6 |
| 142.5° | 390.6 | 390.8 | 391.1 | 391.2  | 391.1 | 390.8 | 390.6 | 390.3 | 390.1 | 389.9 | 389.7 |
| 145°   | 402.8 | 402.8 | 402.8 | 402.8  | 402.7 | 402.6 | 402.4 | 402.3 | 402.1 | 401.9 | 401.8 |
| 147.5° | 412.8 | 413.1 | 413.5 | 413.7  | 413.6 | 413.5 | 413.3 | 413.2 | 413.0 | 412.8 | 412.7 |
| 150°   | 423.0 | 423.2 | 423.5 | 423.6  | 423.5 | 423.4 | 423.2 | 423.1 | 422.9 | 422.7 | 422.6 |
| 152.5° | 431.8 | 432.2 | 432.6 | 432.8  | 432.6 | 432.3 | 432.0 | 431.6 | 431.3 | 431.2 | 431.2 |
| 155°   | 439.7 | 440.2 | 440.7 | 440.9  | 440.7 | 440.3 | 439.9 | 439.5 | 439.1 | 439.0 | 438.9 |
| 157.5° | 446.7 | 447.3 | 448.0 | 448.3  | 448.1 | 447.6 | 447.1 | 446.6 | 446.1 | 446.2 | 446.3 |
| 160°   | 452.9 | 453.4 | 453.9 | 454.2  | 454.0 | 453.5 | 453.0 | 452.6 | 452.1 | 452.2 | 452.3 |
| 162.5° | 458.7 | 459.2 | 459.7 | 459.9  | 459.6 | 459.1 | 458.5 | 458.0 | 457.4 | 457.5 | 457.6 |
| 165°   | 463.5 | 464.0 | 464.5 | 464.8  | 464.5 | 463.9 | 463.2 | 462.6 | 462.0 | 462.1 | 462.2 |
| 167.5° | 467.1 | 467.8 | 468.4 | 468.7  | 468.4 | 467.8 | 467.1 | 466.5 | 465.9 | 465.9 | 465.9 |
| 170°   | 470.3 | 470.9 | 471.6 | 471.9  | 471.6 | 470.9 | 470.3 | 469.6 | 469.0 | 469.0 | 469.0 |
| 172.5° | 472.2 | 472.9 | 473.6 | 474.0  | 473.7 | 473.1 | 472.4 | 471.8 | 471.2 | 471.1 | 471.0 |
| 175°   | 473.8 | 474.5 | 475.1 | 475.4  | 475.1 | 474.6 | 474.0 | 473.5 | 472.9 | 472.8 | 472.8 |
| 177.5° | 474.5 | 475.3 | 476.1 | 476.5  | 476.2 | 475.5 | 474.9 | 474.2 | 473.6 | 473.5 | 473.5 |
| 180°   | 474.3 | 474.3 | 474.3 | 474.3  | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 |
| 2.5°   | 1888.1 | 1880.3 | 1872.5 | 1872.5 | 1855.3 | 1839.7 | 1831.9 | 1835.0 | 1825.6 | 1813.1 | 1800.6 |
| 5°     | 1970.9 | 1939.6 | 1933.4 | 1916.2 | 1892.8 | 1860.0 | 1842.8 | 1827.2 | 1808.4 | 1783.5 | 1760.0 |
| 7.5°   | 2047.4 | 2006.8 | 1984.9 | 1967.7 | 1922.4 | 1877.2 | 1839.7 | 1814.7 | 1781.9 | 1744.4 | 1716.3 |
| 10°    | 2147.3 | 2072.4 | 2048.9 | 2009.9 | 1945.9 | 1881.8 | 1838.1 | 1797.5 | 1752.2 | 1708.5 | 1671.0 |
| 12.5°  | 2227.0 | 2141.1 | 2097.4 | 2058.3 | 1975.5 | 1894.3 | 1820.9 | 1771.0 | 1716.3 | 1667.9 | 1619.5 |
| 15°    | 2317.6 | 2220.7 | 2144.2 | 2097.4 | 1992.7 | 1894.3 | 1811.6 | 1741.3 | 1680.4 | 1621.0 | 1578.9 |
| 17.5°  | 2361.3 | 2239.5 | 2205.1 | 2138.0 | 1986.5 | 1888.1 | 1786.6 | 1711.6 | 1638.2 | 1569.5 | 1519.5 |
| 20°    | 2430.0 | 2287.9 | 2202.0 | 2156.7 | 2022.4 | 1877.2 | 1758.5 | 1672.6 | 1596.0 | 1522.6 | 1469.6 |
| 22.5°  | 2434.7 | 2280.1 | 2223.8 | 2138.0 | 1972.4 | 1844.4 | 1733.5 | 1628.8 | 1539.8 | 1471.1 | 1416.5 |
| 25°    | 2423.7 | 2266.0 | 2187.9 | 2119.2 | 1981.8 | 1825.6 | 1683.5 | 1580.4 | 1493.0 | 1413.3 | 1349.3 |
| 27.5°  | 2419.1 | 2225.4 | 2152.0 | 2083.3 | 1928.7 | 1771.0 | 1653.8 | 1536.7 | 1436.8 | 1366.5 | 1300.9 |
| 30°    | 2412.8 | 2181.7 | 2092.7 | 2013.0 | 1870.9 | 1728.8 | 1588.2 | 1486.7 | 1391.5 | 1302.5 | 1236.9 |
| 32.5°  | 2372.2 | 2122.3 | 2031.8 | 1947.4 | 1794.4 | 1652.3 | 1541.4 | 1433.6 | 1330.6 | 1247.8 | 1188.4 |
| 35°    | 2359.7 | 2067.7 | 1949.0 | 1858.4 | 1708.5 | 1582.0 | 1464.9 | 1375.9 | 1279.0 | 1196.3 | 1126.0 |
| 37.5°  | 2323.8 | 2011.5 | 1883.4 | 1767.8 | 1611.7 | 1491.4 | 1405.5 | 1316.5 | 1222.8 | 1133.8 | 1077.6 |
| 40°    | 2261.3 | 1945.9 | 1800.6 | 1681.9 | 1521.1 | 1399.3 | 1319.6 | 1254.0 | 1161.9 | 1082.3 | 1013.5 |
| 42.5°  | 2169.2 | 1878.7 | 1722.5 | 1597.6 | 1419.6 | 1305.6 | 1240.0 | 1177.5 | 1099.4 | 1016.7 | 960.4  |
| 45°    | 2063.0 | 1789.7 | 1644.5 | 1505.5 | 1324.3 | 1213.4 | 1144.7 | 1107.2 | 1035.4 | 965.1  | 899.5  |
| 47.5°  | 1917.8 | 1697.6 | 1553.9 | 1410.2 | 1225.9 | 1118.2 | 1063.5 | 1026.0 | 976.1  | 899.5  | 846.4  |
| 50°    | 1735.0 | 1578.9 | 1443.0 | 1314.9 | 1129.1 | 1026.0 | 971.4  | 943.3  | 901.1  | 846.4  | 794.9  |
| 52.5°  | 1532.0 | 1441.4 | 1329.0 | 1210.3 | 1030.7 | 933.9  | 883.9  | 862.1  | 830.8  | 779.3  | 735.6  |
| 55°    | 1327.4 | 1288.4 | 1211.9 | 1094.7 | 927.6  | 848.0  | 804.3  | 776.2  | 752.7  | 715.3  | 677.8  |
| 57.5°  | 1144.7 | 1126.0 | 1072.9 | 982.3  | 841.8  | 759.0  | 721.5  | 702.8  | 684.0  | 655.9  | 618.4  |
| 60°    | 955.8  | 976.1  | 921.4  | 876.1  | 748.1  | 676.2  | 643.4  | 623.1  | 613.7  | 588.8  | 565.3  |
| 62.5°  | 791.8  | 810.5  | 779.3  | 744.9  | 654.3  | 590.3  | 570.0  | 551.3  | 545.0  | 523.2  | 499.7  |
| 65°    | 643.4  | 666.8  | 643.4  | 624.7  | 570.0  | 516.9  | 491.9  | 482.6  | 476.3  | 462.3  | 443.5  |
| 67.5°  | 512.2  | 535.7  | 524.7  | 501.3  | 484.1  | 440.4  | 426.3  | 417.0  | 413.8  | 402.9  | 387.3  |
| 70°    | 385.7  | 418.5  | 421.7  | 407.6  | 392.0  | 371.7  | 362.3  | 359.2  | 351.4  | 342.0  | 332.6  |
| 72.5°  | 278.0  | 315.5  | 317.0  | 317.0  | 307.7  | 307.7  | 298.3  | 293.6  | 293.6  | 284.2  | 273.3  |
| 75°    | 204.6  | 229.6  | 232.7  | 235.8  | 240.5  | 245.2  | 238.9  | 238.9  | 237.4  | 228.0  | 223.3  |
| 77.5°  | 135.9  | 157.7  | 165.5  | 176.5  | 182.7  | 182.7  | 185.8  | 189.0  | 185.8  | 181.2  | 178.0  |
| 80°    | 87.5   | 103.1  | 112.4  | 118.7  | 128.1  | 132.7  | 137.4  | 139.0  | 135.9  | 134.3  | 129.6  |
| 82.5°  | 57.8   | 62.5   | 67.2   | 75.0   | 85.9   | 93.7   | 93.7   | 92.1   | 95.3   | 93.7   | 92.1   |
| 85°    | 32.8   | 35.9   | 37.5   | 39.0   | 45.3   | 53.1   | 54.7   | 56.2   | 59.3   | 56.2   | 53.1   |
| 87.5°  | 12.5   | 14.1   | 14.1   | 14.1   | 17.2   | 18.7   | 23.4   | 29.7   | 28.1   | 25.0   | 25.0   |
| 90°    | 5.4    | 4.4    | 3.9    | 3.5    | 2.7    | 2.0    | 1.2    | 0.4    | 1.2    | 2.0    | 2.7    |
| 92.5°  | 7.1    | 6.4    | 6.0    | 6.2    | 6.7    | 7.2    | 7.6    | 8.1    | 7.6    | 7.2    | 6.7    |
| 95°    | 8.3    | 7.4    | 7.0    | 8.6    | 11.8   | 15.1   | 18.3   | 21.5   | 18.3   | 15.1   | 11.8   |
| 97.5°  | 23.2   | 27.2   | 29.2   | 30.3   | 32.5   | 34.7   | 36.9   | 39.1   | 36.9   | 34.7   | 32.5   |
| 100°   | 48.3   | 60.5   | 66.6   | 65.8   | 64.3   | 62.7   | 61.2   | 59.6   | 61.2   | 62.7   | 64.3   |
| 102.5° | 67.0   | 80.6   | 87.4   | 86.9   | 85.9   | 84.8   | 83.8   | 82.8   | 83.8   | 84.8   | 85.9   |
| 105°   | 98.3   | 105.4  | 108.9  | 108.5  | 107.6  | 106.7  | 105.9  | 105.0  | 105.9  | 106.7  | 107.6  |
| 107.5° | 133.6  | 132.4  | 131.8  | 131.4  | 130.7  | 130.0  | 129.3  | 128.6  | 129.3  | 130.0  | 130.7  |
| 110°   | 156.4  | 155.5  | 155.1  | 154.8  | 154.1  | 153.5  | 152.8  | 152.2  | 152.8  | 153.5  | 154.1  |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 178.6 | 177.7 | 177.3  | 177.0 | 176.5 | 175.9 | 175.4 | 174.8 | 175.4 | 175.9 | 176.5 |
| 115°   | 200.2 | 199.5 | 199.1  | 198.9 | 198.4 | 197.9 | 197.5 | 197.0 | 197.5 | 197.9 | 198.4 |
| 117.5° | 221.9 | 221.5 | 221.3  | 221.0 | 220.5 | 219.9 | 219.4 | 218.8 | 219.4 | 219.9 | 220.5 |
| 120°   | 242.5 | 242.2 | 242.1  | 241.7 | 241.0 | 240.3 | 239.6 | 238.9 | 239.6 | 240.3 | 241.0 |
| 122.5° | 262.3 | 262.0 | 261.8  | 261.5 | 261.0 | 260.5 | 259.9 | 259.4 | 259.9 | 260.5 | 261.0 |
| 125°   | 281.0 | 280.7 | 280.5  | 280.2 | 279.6 | 278.9 | 278.3 | 277.7 | 278.3 | 278.9 | 279.6 |
| 127.5° | 299.4 | 299.0 | 298.8  | 298.5 | 297.9 | 297.2 | 296.6 | 296.0 | 296.6 | 297.2 | 297.9 |
| 130°   | 316.3 | 316.0 | 315.8  | 315.5 | 314.8 | 314.2 | 313.5 | 312.9 | 313.5 | 314.2 | 314.8 |
| 132.5° | 332.3 | 332.1 | 332.0  | 331.7 | 331.0 | 330.4 | 329.7 | 329.1 | 329.7 | 330.4 | 331.0 |
| 135°   | 348.3 | 348.0 | 347.8  | 347.6 | 347.1 | 346.6 | 346.2 | 345.7 | 346.2 | 346.6 | 347.1 |
| 137.5° | 362.8 | 362.7 | 362.6  | 362.3 | 361.7 | 361.0 | 360.4 | 359.8 | 360.4 | 361.0 | 361.7 |
| 140°   | 376.4 | 376.1 | 376.0  | 375.8 | 375.3 | 374.8 | 374.4 | 373.9 | 374.4 | 374.8 | 375.3 |
| 142.5° | 389.4 | 389.2 | 389.1  | 388.9 | 388.4 | 387.9 | 387.4 | 386.9 | 387.4 | 387.9 | 388.4 |
| 145°   | 401.6 | 401.5 | 401.4  | 401.1 | 400.6 | 400.0 | 399.5 | 398.9 | 399.5 | 400.0 | 400.6 |
| 147.5° | 412.5 | 412.4 | 412.3  | 412.1 | 411.7 | 411.4 | 411.0 | 410.6 | 411.0 | 411.4 | 411.7 |
| 150°   | 422.4 | 422.3 | 422.2  | 422.1 | 421.8 | 421.6 | 421.3 | 421.1 | 421.3 | 421.6 | 421.8 |
| 152.5° | 431.1 | 431.0 | 431.0  | 431.0 | 430.9 | 430.8 | 430.7 | 430.6 | 430.7 | 430.8 | 430.9 |
| 155°   | 438.8 | 438.7 | 438.7  | 438.8 | 438.9 | 439.1 | 439.2 | 439.4 | 439.2 | 439.1 | 438.9 |
| 157.5° | 446.4 | 446.5 | 446.5  | 446.5 | 446.5 | 446.5 | 446.5 | 446.5 | 446.5 | 446.5 | 446.5 |
| 160°   | 452.4 | 452.5 | 452.5  | 452.5 | 452.6 | 452.7 | 452.7 | 452.8 | 452.7 | 452.7 | 452.6 |
| 162.5° | 457.7 | 457.8 | 457.8  | 457.9 | 458.1 | 458.4 | 458.6 | 458.8 | 458.6 | 458.4 | 458.1 |
| 165°   | 462.3 | 462.4 | 462.4  | 462.5 | 462.7 | 463.0 | 463.2 | 463.4 | 463.2 | 463.0 | 462.7 |
| 167.5° | 465.9 | 465.9 | 465.9  | 466.1 | 466.4 | 466.7 | 467.0 | 467.3 | 467.0 | 466.7 | 466.4 |
| 170°   | 469.0 | 469.0 | 469.0  | 469.2 | 469.5 | 469.8 | 470.2 | 470.5 | 470.2 | 469.8 | 469.5 |
| 172.5° | 470.9 | 470.8 | 470.8  | 471.0 | 471.4 | 471.8 | 472.2 | 472.6 | 472.2 | 471.8 | 471.4 |
| 175°   | 472.7 | 472.6 | 472.6  | 472.8 | 473.2 | 473.5 | 473.9 | 474.3 | 473.9 | 473.5 | 473.2 |
| 177.5° | 473.4 | 473.3 | 473.3  | 473.5 | 473.9 | 474.2 | 474.6 | 475.0 | 474.6 | 474.2 | 473.9 |
| 180°   | 474.3 | 474.3 | 474.3  | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 |
| 2.5°   | 1800.6 | 1792.8 | 1789.7 | 1781.9 | 1763.1 | 1750.7 | 1736.6 | 1727.2 | 1728.8 | 1721.0 | 1725.7 |
| 5°     | 1744.4 | 1742.8 | 1731.9 | 1716.3 | 1689.8 | 1675.7 | 1650.7 | 1638.2 | 1632.0 | 1633.5 | 1624.2 |
| 7.5°   | 1697.6 | 1683.5 | 1675.7 | 1650.7 | 1625.7 | 1596.0 | 1575.7 | 1564.8 | 1555.4 | 1546.1 | 1539.8 |
| 10°    | 1644.5 | 1632.0 | 1619.5 | 1592.9 | 1558.6 | 1530.5 | 1502.3 | 1491.4 | 1477.4 | 1471.1 | 1466.4 |
| 12.5°  | 1588.2 | 1580.4 | 1564.8 | 1533.6 | 1494.5 | 1468.0 | 1435.2 | 1428.9 | 1410.2 | 1397.7 | 1394.6 |
| 15°    | 1536.7 | 1532.0 | 1503.9 | 1468.0 | 1428.9 | 1402.4 | 1374.3 | 1355.5 | 1324.3 | 1330.6 | 1319.6 |
| 17.5°  | 1482.0 | 1461.7 | 1444.6 | 1396.2 | 1377.4 | 1336.8 | 1304.0 | 1294.6 | 1272.8 | 1258.7 | 1244.7 |
| 20°    | 1421.1 | 1408.6 | 1386.8 | 1355.5 | 1310.3 | 1263.4 | 1238.4 | 1222.8 | 1210.3 | 1188.4 | 1182.2 |
| 22.5°  | 1363.4 | 1347.7 | 1329.0 | 1288.4 | 1249.4 | 1210.3 | 1176.0 | 1161.9 | 1146.3 | 1130.7 | 1121.3 |
| 25°    | 1318.1 | 1294.6 | 1274.3 | 1224.4 | 1185.3 | 1152.5 | 1130.7 | 1107.2 | 1085.4 | 1076.0 | 1072.9 |
| 27.5°  | 1247.8 | 1233.7 | 1213.4 | 1166.6 | 1130.7 | 1094.7 | 1074.4 | 1058.8 | 1035.4 | 1024.5 | 1015.1 |
| 30°    | 1202.5 | 1174.4 | 1151.0 | 1113.5 | 1077.6 | 1038.5 | 1019.8 | 1001.0 | 987.0  | 972.9  | 962.0  |
| 32.5°  | 1141.6 | 1119.7 | 1101.0 | 1063.5 | 1027.6 | 991.7  | 971.4  | 943.3  | 935.5  | 924.5  | 912.0  |
| 35°    | 1082.3 | 1068.2 | 1047.9 | 1007.3 | 968.2  | 943.3  | 921.4  | 894.8  | 885.5  | 877.7  | 866.7  |
| 37.5°  | 1026.0 | 1005.7 | 991.7  | 952.6  | 918.3  | 888.6  | 871.4  | 849.6  | 843.3  | 833.9  | 826.1  |
| 40°    | 977.6  | 957.3  | 943.3  | 904.2  | 868.3  | 837.1  | 826.1  | 804.3  | 794.9  | 784.0  | 779.3  |
| 42.5°  | 923.0  | 905.8  | 887.0  | 858.9  | 821.4  | 790.2  | 768.4  | 755.9  | 743.4  | 738.7  | 729.3  |
| 45°    | 865.2  | 849.6  | 835.5  | 804.3  | 765.2  | 743.4  | 724.6  | 707.4  | 698.1  | 690.3  | 684.0  |
| 47.5°  | 815.2  | 801.1  | 782.4  | 748.1  | 716.8  | 696.5  | 677.8  | 660.6  | 651.2  | 641.9  | 634.0  |
| 50°    | 757.4  | 749.6  | 729.3  | 696.5  | 666.8  | 643.4  | 626.2  | 610.6  | 604.4  | 593.4  | 580.9  |
| 52.5°  | 705.9  | 691.8  | 674.7  | 648.1  | 621.6  | 593.4  | 570.0  | 560.6  | 549.7  | 543.5  | 532.5  |
| 55°    | 645.0  | 635.6  | 616.9  | 593.4  | 565.3  | 541.9  | 524.7  | 512.2  | 498.2  | 491.9  | 477.9  |
| 57.5°  | 593.4  | 576.3  | 566.9  | 537.2  | 510.7  | 487.2  | 474.8  | 462.3  | 446.6  | 437.3  | 431.0  |
| 60°    | 537.2  | 521.6  | 507.5  | 482.6  | 463.8  | 438.8  | 420.1  | 409.2  | 398.2  | 385.7  | 379.5  |
| 62.5°  | 482.6  | 470.1  | 452.9  | 432.6  | 409.2  | 388.9  | 374.8  | 359.2  | 352.9  | 340.4  | 335.8  |
| 65°    | 423.2  | 413.8  | 399.8  | 376.4  | 357.6  | 340.4  | 326.4  | 313.9  | 307.7  | 303.0  | 299.8  |
| 67.5°  | 370.1  | 357.6  | 348.3  | 328.0  | 307.7  | 293.6  | 285.8  | 278.0  | 270.2  | 265.5  | 260.8  |
| 70°    | 315.5  | 306.1  | 296.7  | 278.0  | 263.9  | 251.4  | 245.2  | 238.9  | 234.3  | 229.6  | 224.9  |
| 72.5°  | 259.2  | 254.6  | 245.2  | 232.7  | 221.8  | 212.4  | 207.7  | 199.9  | 195.2  | 187.4  | 184.3  |
| 75°    | 214.0  | 206.1  | 201.5  | 190.5  | 181.2  | 173.3  | 167.1  | 157.7  | 151.5  | 148.4  | 146.8  |
| 77.5°  | 168.7  | 165.5  | 159.3  | 149.9  | 145.2  | 137.4  | 128.1  | 124.9  | 121.8  | 121.8  | 120.3  |
| 80°    | 126.5  | 121.8  | 117.1  | 109.3  | 104.6  | 98.4   | 98.4   | 98.4   | 96.8   | 98.4   | 96.8   |
| 82.5°  | 85.9   | 82.8   | 79.6   | 75.0   | 73.4   | 73.4   | 75.0   | 75.0   | 75.0   | 75.0   | 75.0   |
| 85°    | 50.0   | 50.0   | 50.0   | 51.5   | 50.0   | 50.0   | 51.5   | 53.1   | 51.5   | 51.5   | 50.0   |
| 87.5°  | 23.4   | 23.4   | 25.0   | 25.0   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 28.1   |
| 90°    | 3.5    | 3.9    | 4.4    | 5.4    | 6.5    | 7.5    | 8.5    | 8.8    | 9.1    | 9.4    | 9.7    |
| 92.5°  | 6.2    | 6.0    | 6.4    | 7.1    | 7.8    | 8.5    | 9.2    | 9.7    | 10.3   | 10.8   | 11.3   |
| 95°    | 8.6    | 7.0    | 7.4    | 8.3    | 9.2    | 10.0   | 10.9   | 11.5   | 12.0   | 12.6   | 13.1   |
| 97.5°  | 30.3   | 29.2   | 27.2   | 23.2   | 19.3   | 15.3   | 11.3   | 11.9   | 12.5   | 13.2   | 13.8   |
| 100°   | 65.8   | 66.6   | 60.5   | 48.3   | 36.0   | 23.8   | 11.6   | 12.2   | 12.8   | 13.5   | 14.1   |
| 102.5° | 86.9   | 87.4   | 80.6   | 67.0   | 53.3   | 39.7   | 26.1   | 23.5   | 20.9   | 18.3   | 15.7   |
| 105°   | 108.5  | 108.9  | 105.4  | 98.3   | 91.3   | 84.2   | 77.2   | 63.3   | 49.5   | 35.6   | 21.7   |
| 107.5° | 131.4  | 131.8  | 132.4  | 133.6  | 134.7  | 135.9  | 137.1  | 125.0  | 113.0  | 100.9  | 88.8   |
| 110°   | 154.8  | 155.1  | 155.5  | 156.4  | 157.2  | 158.1  | 158.9  | 156.3  | 153.7  | 151.2  | 148.6  |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 177.0 | 177.3  | 177.7 | 178.6 | 179.4 | 180.3 | 181.1 | 181.8 | 182.5 | 183.2 | 183.9 |
| 115°   | 198.9 | 199.1  | 199.5 | 200.2 | 200.9 | 201.6 | 202.3 | 203.1 | 203.9 | 204.6 | 205.4 |
| 117.5° | 221.0 | 221.3  | 221.5 | 221.9 | 222.3 | 222.7 | 223.1 | 223.7 | 224.3 | 225.0 | 225.6 |
| 120°   | 241.7 | 242.1  | 242.2 | 242.5 | 242.7 | 243.0 | 243.2 | 243.8 | 244.4 | 245.1 | 245.7 |
| 122.5° | 261.5 | 261.8  | 262.0 | 262.3 | 262.6 | 262.9 | 263.2 | 263.6 | 264.0 | 264.4 | 264.8 |
| 125°   | 280.2 | 280.5  | 280.7 | 281.0 | 281.3 | 281.6 | 281.9 | 282.1 | 282.2 | 282.4 | 282.5 |
| 127.5° | 298.5 | 298.8  | 299.0 | 299.4 | 299.8 | 300.2 | 300.6 | 300.8 | 301.1 | 301.3 | 301.6 |
| 130°   | 315.5 | 315.8  | 316.0 | 316.3 | 316.6 | 316.9 | 317.2 | 317.5 | 317.8 | 318.1 | 318.4 |
| 132.5° | 331.7 | 332.0  | 332.1 | 332.3 | 332.6 | 332.8 | 333.0 | 333.3 | 333.6 | 333.9 | 334.2 |
| 135°   | 347.6 | 347.8  | 348.0 | 348.3 | 348.6 | 348.9 | 349.2 | 349.4 | 349.7 | 349.9 | 350.2 |
| 137.5° | 362.3 | 362.6  | 362.7 | 362.8 | 363.0 | 363.1 | 363.3 | 363.7 | 364.1 | 364.5 | 364.9 |
| 140°   | 375.8 | 376.0  | 376.1 | 376.4 | 376.6 | 376.9 | 377.1 | 377.4 | 377.7 | 378.0 | 378.3 |
| 142.5° | 388.9 | 389.1  | 389.2 | 389.4 | 389.7 | 389.9 | 390.1 | 390.3 | 390.6 | 390.8 | 391.1 |
| 145°   | 401.1 | 401.4  | 401.5 | 401.6 | 401.8 | 401.9 | 402.1 | 402.3 | 402.4 | 402.6 | 402.7 |
| 147.5° | 412.1 | 412.3  | 412.4 | 412.5 | 412.7 | 412.8 | 413.0 | 413.2 | 413.3 | 413.5 | 413.6 |
| 150°   | 422.1 | 422.2  | 422.3 | 422.4 | 422.6 | 422.7 | 422.9 | 423.1 | 423.2 | 423.4 | 423.5 |
| 152.5° | 431.0 | 431.0  | 431.0 | 431.1 | 431.2 | 431.2 | 431.3 | 431.6 | 432.0 | 432.3 | 432.6 |
| 155°   | 438.8 | 438.7  | 438.7 | 438.8 | 438.9 | 439.0 | 439.1 | 439.5 | 439.9 | 440.3 | 440.7 |
| 157.5° | 446.5 | 446.5  | 446.5 | 446.4 | 446.3 | 446.2 | 446.1 | 446.6 | 447.1 | 447.6 | 448.1 |
| 160°   | 452.5 | 452.5  | 452.5 | 452.4 | 452.3 | 452.2 | 452.1 | 452.6 | 453.0 | 453.5 | 454.0 |
| 162.5° | 457.9 | 457.8  | 457.8 | 457.7 | 457.6 | 457.5 | 457.4 | 458.0 | 458.5 | 459.1 | 459.6 |
| 165°   | 462.5 | 462.4  | 462.4 | 462.3 | 462.2 | 462.1 | 462.0 | 462.6 | 463.2 | 463.9 | 464.5 |
| 167.5° | 466.1 | 465.9  | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 466.5 | 467.1 | 467.8 | 468.4 |
| 170°   | 469.2 | 469.0  | 469.0 | 469.0 | 469.0 | 469.0 | 469.0 | 469.6 | 470.3 | 470.9 | 471.6 |
| 172.5° | 471.0 | 470.8  | 470.8 | 470.9 | 471.0 | 471.1 | 471.2 | 471.8 | 472.4 | 473.1 | 473.7 |
| 175°   | 472.8 | 472.6  | 472.6 | 472.7 | 472.8 | 472.8 | 472.9 | 473.5 | 474.0 | 474.6 | 475.1 |
| 177.5° | 473.5 | 473.3  | 473.3 | 473.4 | 473.5 | 473.5 | 473.6 | 474.2 | 474.9 | 475.5 | 476.2 |
| 180°   | 474.3 | 474.3  | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 |
| 2.5°   | 1724.1 | 1725.7 | 1721.0 | 1711.6 | 1710.1 | 1713.2 | 1722.5 | 1719.4 | 1711.6 | 1725.7 | 1713.2 |
| 5°     | 1628.8 | 1621.0 | 1617.9 | 1621.0 | 1611.7 | 1607.0 | 1616.4 | 1611.7 | 1616.4 | 1617.9 | 1622.6 |
| 7.5°   | 1536.7 | 1538.3 | 1528.9 | 1530.5 | 1518.0 | 1521.1 | 1521.1 | 1521.1 | 1525.8 | 1528.9 | 1535.1 |
| 10°    | 1457.1 | 1460.2 | 1449.2 | 1450.8 | 1441.4 | 1435.2 | 1439.9 | 1449.2 | 1449.2 | 1449.2 | 1452.4 |
| 12.5°  | 1393.0 | 1379.0 | 1371.2 | 1369.6 | 1358.7 | 1355.5 | 1364.9 | 1368.0 | 1375.9 | 1375.9 | 1380.5 |
| 15°    | 1313.4 | 1310.3 | 1304.0 | 1304.0 | 1277.5 | 1283.7 | 1286.8 | 1297.8 | 1313.4 | 1300.9 | 1304.0 |
| 17.5°  | 1241.5 | 1233.7 | 1225.9 | 1222.8 | 1219.7 | 1210.3 | 1222.8 | 1221.2 | 1230.6 | 1232.2 | 1236.9 |
| 20°    | 1177.5 | 1171.3 | 1155.7 | 1157.2 | 1160.3 | 1146.3 | 1154.1 | 1154.1 | 1163.5 | 1172.8 | 1183.8 |
| 22.5°  | 1115.0 | 1108.8 | 1101.0 | 1104.1 | 1094.7 | 1091.6 | 1091.6 | 1099.4 | 1110.4 | 1118.2 | 1116.6 |
| 25°    | 1066.6 | 1055.7 | 1051.0 | 1046.3 | 1041.6 | 1044.8 | 1040.1 | 1047.9 | 1055.7 | 1060.4 | 1055.7 |
| 27.5°  | 1012.0 | 1007.3 | 997.9  | 993.2  | 985.4  | 988.6  | 991.7  | 997.9  | 1002.6 | 1002.6 | 1007.3 |
| 30°    | 958.9  | 952.6  | 949.5  | 944.8  | 944.8  | 938.6  | 940.1  | 946.4  | 951.1  | 955.8  | 962.0  |
| 32.5°  | 907.3  | 902.7  | 898.0  | 898.0  | 894.8  | 893.3  | 891.7  | 901.1  | 901.1  | 910.5  | 910.5  |
| 35°    | 865.2  | 857.4  | 857.4  | 849.6  | 852.7  | 851.1  | 848.0  | 854.2  | 855.8  | 862.1  | 860.5  |
| 37.5°  | 818.3  | 818.3  | 815.2  | 807.4  | 801.1  | 802.7  | 810.5  | 810.5  | 815.2  | 813.6  | 818.3  |
| 40°    | 771.5  | 768.4  | 768.4  | 763.7  | 762.1  | 760.5  | 762.1  | 763.7  | 771.5  | 769.9  | 771.5  |
| 42.5°  | 724.6  | 726.2  | 718.4  | 718.4  | 718.4  | 713.7  | 715.3  | 716.8  | 719.9  | 723.1  | 727.7  |
| 45°    | 679.3  | 676.2  | 674.7  | 671.5  | 668.4  | 670.0  | 668.4  | 674.7  | 673.1  | 676.2  | 680.9  |
| 47.5°  | 630.9  | 626.2  | 624.7  | 618.4  | 618.4  | 621.6  | 620.0  | 624.7  | 626.2  | 630.9  | 627.8  |
| 50°    | 584.1  | 577.8  | 573.1  | 574.7  | 565.3  | 568.5  | 568.5  | 573.1  | 577.8  | 579.4  | 582.5  |
| 52.5°  | 529.4  | 527.9  | 526.3  | 518.5  | 516.9  | 515.4  | 516.9  | 518.5  | 524.7  | 529.4  | 531.0  |
| 55°    | 476.3  | 474.8  | 465.4  | 462.3  | 457.6  | 457.6  | 460.7  | 462.3  | 473.2  | 474.8  | 481.0  |
| 57.5°  | 427.9  | 423.2  | 412.3  | 410.7  | 410.7  | 410.7  | 406.0  | 412.3  | 415.4  | 423.2  | 423.2  |
| 60°    | 374.8  | 374.8  | 365.4  | 365.4  | 367.0  | 365.4  | 365.4  | 367.0  | 367.0  | 373.2  | 376.4  |
| 62.5°  | 332.6  | 331.1  | 331.1  | 328.0  | 326.4  | 328.0  | 326.4  | 326.4  | 328.0  | 332.6  | 337.3  |
| 65°    | 295.2  | 293.6  | 292.0  | 290.5  | 287.4  | 287.4  | 288.9  | 292.0  | 292.0  | 295.2  | 296.7  |
| 67.5°  | 259.2  | 259.2  | 256.1  | 256.1  | 254.6  | 253.0  | 254.6  | 253.0  | 259.2  | 259.2  | 260.8  |
| 70°    | 223.3  | 221.8  | 217.1  | 215.5  | 210.8  | 212.4  | 212.4  | 217.1  | 218.6  | 221.8  | 224.9  |
| 72.5°  | 179.6  | 179.6  | 176.5  | 173.3  | 174.9  | 171.8  | 171.8  | 173.3  | 173.3  | 178.0  | 179.6  |
| 75°    | 148.4  | 145.2  | 143.7  | 145.2  | 143.7  | 146.8  | 143.7  | 143.7  | 146.8  | 146.8  | 146.8  |
| 77.5°  | 121.8  | 121.8  | 120.3  | 120.3  | 121.8  | 120.3  | 121.8  | 121.8  | 121.8  | 120.3  | 121.8  |
| 80°    | 99.9   | 98.4   | 98.4   | 98.4   | 96.8   | 96.8   | 96.8   | 96.8   | 96.8   | 96.8   | 96.8   |
| 82.5°  | 75.0   | 75.0   | 73.4   | 75.0   | 75.0   | 73.4   | 75.0   | 73.4   | 73.4   | 75.0   | 75.0   |
| 85°    | 50.0   | 53.1   | 50.0   | 50.0   | 51.5   | 51.5   | 53.1   | 51.5   | 53.1   | 50.0   | 51.5   |
| 87.5°  | 26.5   | 28.1   | 28.1   | 26.5   | 26.5   | 28.1   | 28.1   | 28.1   | 29.7   | 26.5   | 28.1   |
| 90°    | 9.9    | 10.0   | 10.1   | 10.3   | 10.4   | 10.6   | 10.4   | 10.3   | 10.1   | 10.0   | 9.9    |
| 92.5°  | 11.6   | 11.6   | 11.7   | 11.8   | 11.9   | 12.0   | 11.9   | 11.8   | 11.7   | 11.6   | 11.6   |
| 95°    | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   | 13.4   |
| 97.5°  | 14.1   | 14.1   | 14.2   | 14.3   | 14.3   | 14.4   | 14.3   | 14.3   | 14.2   | 14.1   | 14.1   |
| 100°   | 14.4   | 14.4   | 14.5   | 14.6   | 14.7   | 14.8   | 14.7   | 14.6   | 14.5   | 14.4   | 14.4   |
| 102.5° | 14.4   | 14.5   | 14.7   | 14.8   | 15.0   | 15.2   | 15.0   | 14.8   | 14.7   | 14.5   | 14.4   |
| 105°   | 14.8   | 14.9   | 15.0   | 15.2   | 15.3   | 15.5   | 15.3   | 15.2   | 15.0   | 14.9   | 14.8   |
| 107.5° | 82.8   | 77.7   | 67.4   | 57.2   | 46.9   | 36.7   | 46.9   | 57.2   | 67.4   | 77.7   | 82.8   |
| 110°   | 147.3  | 141.7  | 130.5  | 119.3  | 108.1  | 96.9   | 108.1  | 119.3  | 130.5  | 141.7  | 147.3  |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 184.3  | 184.2 | 184.1 | 183.9 | 183.8 | 183.6 | 183.8 | 183.9 | 184.1 | 184.2 | 184.3  |
| 115°   | 205.8  | 206.0 | 206.3 | 206.6 | 206.9 | 207.2 | 206.9 | 206.6 | 206.3 | 206.0 | 205.8  |
| 117.5° | 225.9  | 225.9 | 226.0 | 226.1 | 226.1 | 226.2 | 226.1 | 226.1 | 226.0 | 225.9 | 225.9  |
| 120°   | 246.0  | 246.0 | 246.0 | 246.0 | 246.0 | 246.0 | 246.0 | 246.0 | 246.0 | 246.0 | 246.0  |
| 122.5° | 265.0  | 265.0 | 265.1 | 265.2 | 265.3 | 265.4 | 265.3 | 265.2 | 265.1 | 265.0 | 265.0  |
| 125°   | 282.6  | 282.7 | 282.8 | 283.0 | 283.1 | 283.3 | 283.1 | 283.0 | 282.8 | 282.7 | 282.6  |
| 127.5° | 301.7  | 301.6 | 301.5 | 301.3 | 301.2 | 301.0 | 301.2 | 301.3 | 301.5 | 301.6 | 301.7  |
| 130°   | 318.6  | 318.5 | 318.4 | 318.2 | 318.1 | 317.9 | 318.1 | 318.2 | 318.4 | 318.5 | 318.6  |
| 132.5° | 334.4  | 334.3 | 334.1 | 333.8 | 333.6 | 333.4 | 333.6 | 333.8 | 334.1 | 334.3 | 334.4  |
| 135°   | 350.3  | 350.2 | 349.9 | 349.7 | 349.4 | 349.2 | 349.4 | 349.7 | 349.9 | 350.2 | 350.3  |
| 137.5° | 365.1  | 365.0 | 364.9 | 364.7 | 364.6 | 364.4 | 364.6 | 364.7 | 364.9 | 365.0 | 365.1  |
| 140°   | 378.5  | 378.4 | 378.3 | 378.1 | 378.0 | 377.8 | 378.0 | 378.1 | 378.3 | 378.4 | 378.5  |
| 142.5° | 391.2  | 391.1 | 390.8 | 390.6 | 390.3 | 390.1 | 390.3 | 390.6 | 390.8 | 391.1 | 391.2  |
| 145°   | 402.8  | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8 | 402.8  |
| 147.5° | 413.7  | 413.5 | 413.1 | 412.8 | 412.4 | 412.0 | 412.4 | 412.8 | 413.1 | 413.5 | 413.7  |
| 150°   | 423.6  | 423.5 | 423.2 | 423.0 | 422.7 | 422.5 | 422.7 | 423.0 | 423.2 | 423.5 | 423.6  |
| 152.5° | 432.8  | 432.6 | 432.2 | 431.8 | 431.4 | 431.0 | 431.4 | 431.8 | 432.2 | 432.6 | 432.8  |
| 155°   | 440.9  | 440.7 | 440.2 | 439.7 | 439.2 | 438.7 | 439.2 | 439.7 | 440.2 | 440.7 | 440.9  |
| 157.5° | 448.3  | 448.0 | 447.3 | 446.7 | 446.0 | 445.4 | 446.0 | 446.7 | 447.3 | 448.0 | 448.3  |
| 160°   | 454.2  | 453.9 | 453.4 | 452.9 | 452.3 | 451.8 | 452.3 | 452.9 | 453.4 | 453.9 | 454.2  |
| 162.5° | 459.9  | 459.7 | 459.2 | 458.7 | 458.3 | 457.8 | 458.3 | 458.7 | 459.2 | 459.7 | 459.9  |
| 165°   | 464.8  | 464.5 | 464.0 | 463.5 | 462.9 | 462.4 | 462.9 | 463.5 | 464.0 | 464.5 | 464.8  |
| 167.5° | 468.7  | 468.4 | 467.8 | 467.1 | 466.5 | 465.9 | 466.5 | 467.1 | 467.8 | 468.4 | 468.7  |
| 170°   | 471.9  | 471.6 | 470.9 | 470.3 | 469.6 | 469.0 | 469.6 | 470.3 | 470.9 | 471.6 | 471.9  |
| 172.5° | 474.0  | 473.6 | 472.9 | 472.2 | 471.5 | 470.8 | 471.5 | 472.2 | 472.9 | 473.6 | 474.0  |
| 175°   | 475.4  | 475.1 | 474.5 | 473.8 | 473.2 | 472.6 | 473.2 | 473.8 | 474.5 | 475.1 | 475.4  |
| 177.5° | 476.5  | 476.1 | 475.3 | 474.5 | 473.7 | 472.9 | 473.7 | 474.5 | 475.3 | 476.1 | 476.5  |
| 180°   | 474.3  | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3  |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 | 1824.1 |
| 2.5°   | 1725.7 | 1731.9 | 1725.7 | 1713.2 | 1725.7 | 1733.5 | 1741.3 | 1753.8 | 1760.0 | 1760.0 | 1769.4 |
| 5°     | 1627.3 | 1639.8 | 1635.1 | 1632.0 | 1644.5 | 1652.3 | 1664.8 | 1680.4 | 1697.6 | 1708.5 | 1721.0 |
| 7.5°   | 1539.8 | 1547.6 | 1555.4 | 1555.4 | 1567.9 | 1585.1 | 1603.9 | 1622.6 | 1644.5 | 1660.1 | 1669.4 |
| 10°    | 1463.3 | 1469.6 | 1474.2 | 1480.5 | 1499.2 | 1518.0 | 1543.0 | 1566.4 | 1585.1 | 1602.3 | 1617.9 |
| 12.5°  | 1389.9 | 1399.3 | 1410.2 | 1414.9 | 1428.9 | 1452.4 | 1475.8 | 1503.9 | 1533.6 | 1550.8 | 1566.4 |
| 15°    | 1319.6 | 1324.3 | 1336.8 | 1350.9 | 1363.4 | 1388.3 | 1418.0 | 1447.7 | 1472.7 | 1499.2 | 1513.3 |
| 17.5°  | 1247.8 | 1249.4 | 1282.1 | 1274.3 | 1314.9 | 1338.4 | 1354.0 | 1382.1 | 1422.7 | 1444.6 | 1466.4 |
| 20°    | 1177.5 | 1193.1 | 1207.2 | 1215.0 | 1236.9 | 1263.4 | 1308.7 | 1330.6 | 1363.4 | 1383.7 | 1402.4 |
| 22.5°  | 1122.9 | 1146.3 | 1146.3 | 1165.0 | 1176.0 | 1200.9 | 1233.7 | 1275.9 | 1311.8 | 1325.9 | 1352.4 |
| 25°    | 1074.4 | 1085.4 | 1104.1 | 1110.4 | 1130.7 | 1152.5 | 1174.4 | 1219.7 | 1258.7 | 1277.5 | 1296.2 |
| 27.5°  | 1012.0 | 1026.0 | 1051.0 | 1051.0 | 1077.6 | 1101.0 | 1127.5 | 1157.2 | 1196.3 | 1222.8 | 1243.1 |
| 30°    | 963.6  | 977.6  | 988.6  | 1005.7 | 1016.7 | 1038.5 | 1085.4 | 1107.2 | 1141.6 | 1165.0 | 1190.0 |
| 32.5°  | 918.3  | 929.2  | 938.6  | 957.3  | 969.8  | 994.8  | 1019.8 | 1058.8 | 1088.5 | 1110.4 | 1136.9 |
| 35°    | 868.3  | 879.2  | 891.7  | 905.8  | 924.5  | 947.9  | 971.4  | 1004.2 | 1033.8 | 1054.1 | 1076.0 |
| 37.5°  | 821.4  | 829.3  | 848.0  | 857.4  | 873.0  | 894.8  | 924.5  | 958.9  | 985.4  | 1001.0 | 1022.9 |
| 40°    | 776.2  | 782.4  | 796.5  | 813.6  | 824.6  | 841.8  | 873.0  | 902.7  | 935.5  | 954.2  | 971.4  |
| 42.5°  | 727.7  | 735.6  | 748.1  | 765.2  | 782.4  | 801.1  | 818.3  | 852.7  | 882.4  | 898.0  | 916.7  |
| 45°    | 685.6  | 690.3  | 699.6  | 716.8  | 734.0  | 748.1  | 774.6  | 805.8  | 833.9  | 846.4  | 866.7  |
| 47.5°  | 635.6  | 640.3  | 654.3  | 662.2  | 680.9  | 699.6  | 726.2  | 757.4  | 782.4  | 794.9  | 813.6  |
| 50°    | 584.1  | 588.8  | 598.1  | 615.3  | 627.8  | 648.1  | 671.5  | 698.1  | 729.3  | 746.5  | 757.4  |
| 52.5°  | 534.1  | 543.5  | 551.3  | 565.3  | 580.9  | 601.3  | 623.1  | 648.1  | 674.7  | 691.8  | 704.3  |
| 55°    | 484.1  | 491.9  | 501.3  | 509.1  | 527.9  | 546.6  | 571.6  | 595.0  | 618.4  | 634.0  | 648.1  |
| 57.5°  | 427.9  | 438.8  | 448.2  | 463.8  | 477.9  | 493.5  | 521.6  | 540.3  | 568.5  | 579.4  | 591.9  |
| 60°    | 379.5  | 390.4  | 398.2  | 410.7  | 423.2  | 443.5  | 462.3  | 485.7  | 509.1  | 523.2  | 538.8  |
| 62.5°  | 338.9  | 343.6  | 348.3  | 360.8  | 373.2  | 392.0  | 410.7  | 434.2  | 459.1  | 466.9  | 479.4  |
| 65°    | 298.3  | 303.0  | 310.8  | 321.7  | 331.1  | 342.0  | 362.3  | 381.1  | 404.5  | 417.0  | 421.7  |
| 67.5°  | 263.9  | 268.6  | 270.2  | 278.0  | 285.8  | 298.3  | 309.2  | 328.0  | 349.8  | 357.6  | 367.0  |
| 70°    | 224.9  | 232.7  | 234.3  | 240.5  | 243.6  | 251.4  | 263.9  | 278.0  | 295.2  | 309.2  | 317.0  |
| 72.5°  | 179.6  | 190.5  | 193.6  | 203.0  | 207.7  | 215.5  | 224.9  | 235.8  | 246.7  | 253.0  | 259.2  |
| 75°    | 146.8  | 149.9  | 151.5  | 159.3  | 167.1  | 178.0  | 182.7  | 189.0  | 198.3  | 206.1  | 212.4  |
| 77.5°  | 121.8  | 123.4  | 124.9  | 124.9  | 126.5  | 132.7  | 142.1  | 149.9  | 156.2  | 159.3  | 164.0  |
| 80°    | 98.4   | 96.8   | 96.8   | 98.4   | 98.4   | 98.4   | 101.5  | 112.4  | 115.6  | 123.4  | 121.8  |
| 82.5°  | 76.5   | 73.4   | 75.0   | 73.4   | 73.4   | 73.4   | 73.4   | 75.0   | 75.0   | 79.6   | 82.8   |
| 85°    | 50.0   | 51.5   | 50.0   | 50.0   | 48.4   | 50.0   | 48.4   | 48.4   | 46.9   | 46.9   | 45.3   |
| 87.5°  | 26.5   | 28.1   | 26.5   | 26.5   | 25.0   | 26.5   | 25.0   | 25.0   | 23.4   | 23.4   | 20.3   |
| 90°    | 9.7    | 9.4    | 9.1    | 8.8    | 8.5    | 7.5    | 6.5    | 5.4    | 4.4    | 3.9    | 3.5    |
| 92.5°  | 11.3   | 10.8   | 10.3   | 9.7    | 9.2    | 8.5    | 7.8    | 7.1    | 6.4    | 6.0    | 6.2    |
| 95°    | 13.1   | 12.6   | 12.0   | 11.5   | 10.9   | 10.0   | 9.2    | 8.3    | 7.4    | 7.0    | 8.6    |
| 97.5°  | 13.8   | 13.2   | 12.5   | 11.9   | 11.3   | 15.3   | 19.3   | 23.2   | 27.2   | 29.2   | 30.3   |
| 100°   | 14.1   | 13.5   | 12.8   | 12.2   | 11.6   | 23.8   | 36.0   | 48.3   | 60.5   | 66.6   | 65.8   |
| 102.5° | 15.7   | 18.3   | 20.9   | 23.5   | 26.1   | 39.7   | 53.3   | 67.0   | 80.6   | 87.4   | 86.9   |
| 105°   | 21.7   | 35.6   | 49.5   | 63.3   | 77.2   | 84.2   | 91.3   | 98.3   | 105.4  | 108.9  | 108.5  |
| 107.5° | 88.8   | 100.9  | 113.0  | 125.0  | 137.1  | 135.9  | 134.7  | 133.6  | 132.4  | 131.8  | 131.4  |
| 110°   | 148.6  | 151.2  | 153.7  | 156.3  | 158.9  | 158.1  | 157.2  | 156.4  | 155.5  | 155.1  | 154.8  |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 183.9 | 183.2 | 182.5 | 181.8 | 181.1 | 180.3 | 179.4 | 178.6 | 177.7 | 177.3  | 177.0 |
| 115°   | 205.4 | 204.6 | 203.9 | 203.1 | 202.3 | 201.6 | 200.9 | 200.2 | 199.5 | 199.1  | 198.9 |
| 117.5° | 225.6 | 225.0 | 224.3 | 223.7 | 223.1 | 222.7 | 222.3 | 221.9 | 221.5 | 221.3  | 221.0 |
| 120°   | 245.7 | 245.1 | 244.4 | 243.8 | 243.2 | 243.0 | 242.7 | 242.5 | 242.2 | 242.1  | 241.7 |
| 122.5° | 264.8 | 264.4 | 264.0 | 263.6 | 263.2 | 262.9 | 262.6 | 262.3 | 262.0 | 261.8  | 261.5 |
| 125°   | 282.5 | 282.4 | 282.2 | 282.1 | 281.9 | 281.6 | 281.3 | 281.0 | 280.7 | 280.5  | 280.2 |
| 127.5° | 301.6 | 301.3 | 301.1 | 300.8 | 300.6 | 300.2 | 299.8 | 299.4 | 299.0 | 298.8  | 298.5 |
| 130°   | 318.4 | 318.1 | 317.8 | 317.5 | 317.2 | 316.9 | 316.6 | 316.3 | 316.0 | 315.8  | 315.5 |
| 132.5° | 334.2 | 333.9 | 333.6 | 333.3 | 333.0 | 332.8 | 332.6 | 332.3 | 332.1 | 332.0  | 331.7 |
| 135°   | 350.2 | 349.9 | 349.7 | 349.4 | 349.2 | 348.9 | 348.6 | 348.3 | 348.0 | 347.8  | 347.6 |
| 137.5° | 364.9 | 364.5 | 364.1 | 363.7 | 363.3 | 363.1 | 363.0 | 362.8 | 362.7 | 362.6  | 362.3 |
| 140°   | 378.3 | 378.0 | 377.7 | 377.4 | 377.1 | 376.9 | 376.6 | 376.4 | 376.1 | 376.0  | 375.8 |
| 142.5° | 391.1 | 390.8 | 390.6 | 390.3 | 390.1 | 389.9 | 389.7 | 389.4 | 389.2 | 389.1  | 388.9 |
| 145°   | 402.7 | 402.6 | 402.4 | 402.3 | 402.1 | 401.9 | 401.8 | 401.6 | 401.5 | 401.4  | 401.1 |
| 147.5° | 413.6 | 413.5 | 413.3 | 413.2 | 413.0 | 412.8 | 412.7 | 412.5 | 412.4 | 412.3  | 412.1 |
| 150°   | 423.5 | 423.4 | 423.2 | 423.1 | 422.9 | 422.7 | 422.6 | 422.4 | 422.3 | 422.2  | 422.1 |
| 152.5° | 432.6 | 432.3 | 432.0 | 431.6 | 431.3 | 431.2 | 431.2 | 431.1 | 431.0 | 431.0  | 431.0 |
| 155°   | 440.7 | 440.3 | 439.9 | 439.5 | 439.1 | 439.0 | 438.9 | 438.8 | 438.7 | 438.7  | 438.8 |
| 157.5° | 448.1 | 447.6 | 447.1 | 446.6 | 446.1 | 446.2 | 446.3 | 446.4 | 446.5 | 446.5  | 446.5 |
| 160°   | 454.0 | 453.5 | 453.0 | 452.6 | 452.1 | 452.2 | 452.3 | 452.4 | 452.5 | 452.5  | 452.5 |
| 162.5° | 459.6 | 459.1 | 458.5 | 458.0 | 457.4 | 457.5 | 457.6 | 457.7 | 457.8 | 457.8  | 457.9 |
| 165°   | 464.5 | 463.9 | 463.2 | 462.6 | 462.0 | 462.1 | 462.2 | 462.3 | 462.4 | 462.4  | 462.5 |
| 167.5° | 468.4 | 467.8 | 467.1 | 466.5 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9  | 466.1 |
| 170°   | 471.6 | 470.9 | 470.3 | 469.6 | 469.0 | 469.0 | 469.0 | 469.0 | 469.0 | 469.0  | 469.2 |
| 172.5° | 473.7 | 473.1 | 472.4 | 471.8 | 471.2 | 471.1 | 471.0 | 470.9 | 470.8 | 470.8  | 471.0 |
| 175°   | 475.1 | 474.6 | 474.0 | 473.5 | 472.9 | 472.8 | 472.8 | 472.7 | 472.6 | 472.6  | 472.8 |
| 177.5° | 476.2 | 475.5 | 474.9 | 474.2 | 473.6 | 473.5 | 473.5 | 473.4 | 473.3 | 473.3  | 473.5 |
| 180°   | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3 | 474.3  | 474.3 |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1824.1 | 1824.1 | 1824.1 | 1824.1 |
| 2.5°   | 1777.2 | 1788.1 | 1810.0 | 1828.7 |
| 5°     | 1739.7 | 1756.9 | 1789.7 | 1822.5 |
| 7.5°   | 1694.4 | 1721.0 | 1763.1 | 1808.4 |
| 10°    | 1650.7 | 1685.1 | 1736.6 | 1789.7 |
| 12.5°  | 1607.0 | 1642.9 | 1697.6 | 1766.3 |
| 15°    | 1555.4 | 1592.9 | 1658.5 | 1741.3 |
| 17.5°  | 1510.2 | 1560.1 | 1619.5 | 1702.2 |
| 20°    | 1461.7 | 1499.2 | 1575.7 | 1663.2 |
| 22.5°  | 1400.8 | 1463.3 | 1535.1 | 1627.3 |
| 25°    | 1352.4 | 1407.1 | 1478.9 | 1583.6 |
| 27.5°  | 1293.1 | 1357.1 | 1444.6 | 1536.7 |
| 30°    | 1244.7 | 1297.8 | 1379.0 | 1489.9 |
| 32.5°  | 1188.4 | 1250.9 | 1335.2 | 1444.6 |
| 35°    | 1138.5 | 1191.6 | 1271.2 | 1382.1 |
| 37.5°  | 1079.1 | 1136.9 | 1225.9 | 1324.3 |
| 40°    | 1027.6 | 1083.8 | 1168.1 | 1260.3 |
| 42.5°  | 965.1  | 1024.5 | 1108.8 | 1186.9 |
| 45°    | 915.2  | 969.8  | 1037.0 | 1108.8 |
| 47.5°  | 854.2  | 912.0  | 977.6  | 1027.6 |
| 50°    | 799.6  | 852.7  | 904.2  | 946.4  |
| 52.5°  | 740.2  | 788.7  | 835.5  | 866.7  |
| 55°    | 685.6  | 723.1  | 760.5  | 782.4  |
| 57.5°  | 621.6  | 657.5  | 688.7  | 701.2  |
| 60°    | 565.3  | 595.0  | 615.3  | 629.4  |
| 62.5°  | 506.0  | 527.9  | 543.5  | 551.3  |
| 65°    | 448.2  | 463.8  | 471.6  | 479.4  |
| 67.5°  | 388.9  | 402.9  | 407.6  | 417.0  |
| 70°    | 326.4  | 342.0  | 345.1  | 349.8  |
| 72.5°  | 279.5  | 279.5  | 285.8  | 292.0  |
| 75°    | 223.3  | 226.4  | 229.6  | 229.6  |
| 77.5°  | 174.9  | 174.9  | 178.0  | 179.6  |
| 80°    | 128.1  | 129.6  | 129.6  | 128.1  |
| 82.5°  | 87.5   | 90.6   | 87.5   | 85.9   |
| 85°    | 48.4   | 54.7   | 51.5   | 51.5   |
| 87.5°  | 20.3   | 20.3   | 23.4   | 20.3   |
| 90°    | 2.7    | 2.0    | 1.2    | 0.4    |
| 92.5°  | 6.7    | 7.2    | 7.6    | 8.1    |
| 95°    | 11.8   | 15.1   | 18.3   | 21.5   |
| 97.5°  | 32.5   | 34.7   | 36.9   | 39.1   |
| 100°   | 64.3   | 62.7   | 61.2   | 59.6   |
| 102.5° | 85.9   | 84.8   | 83.8   | 82.8   |
| 105°   | 107.6  | 106.7  | 105.9  | 105.0  |
| 107.5° | 130.7  | 130.0  | 129.3  | 128.6  |
| 110°   | 154.1  | 153.5  | 152.8  | 152.2  |

TEST NUMBER: P1012320

CATALOG NUMBER: S123RDIP-B1165D365UB27-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 176.5 | 175.9 | 175.4 | 174.8 |
| 115°   | 198.4 | 197.9 | 197.5 | 197.0 |
| 117.5° | 220.5 | 219.9 | 219.4 | 218.8 |
| 120°   | 241.0 | 240.3 | 239.6 | 238.9 |
| 122.5° | 261.0 | 260.5 | 259.9 | 259.4 |
| 125°   | 279.6 | 278.9 | 278.3 | 277.7 |
| 127.5° | 297.9 | 297.2 | 296.6 | 296.0 |
| 130°   | 314.8 | 314.2 | 313.5 | 312.9 |
| 132.5° | 331.0 | 330.4 | 329.7 | 329.1 |
| 135°   | 347.1 | 346.6 | 346.2 | 345.7 |
| 137.5° | 361.7 | 361.0 | 360.4 | 359.8 |
| 140°   | 375.3 | 374.8 | 374.4 | 373.9 |
| 142.5° | 388.4 | 387.9 | 387.4 | 386.9 |
| 145°   | 400.6 | 400.0 | 399.5 | 398.9 |
| 147.5° | 411.7 | 411.4 | 411.0 | 410.6 |
| 150°   | 421.8 | 421.6 | 421.3 | 421.1 |
| 152.5° | 430.9 | 430.8 | 430.7 | 430.6 |
| 155°   | 438.9 | 439.1 | 439.2 | 439.4 |
| 157.5° | 446.5 | 446.5 | 446.5 | 446.5 |
| 160°   | 452.6 | 452.7 | 452.7 | 452.8 |
| 162.5° | 458.1 | 458.4 | 458.6 | 458.8 |
| 165°   | 462.7 | 463.0 | 463.2 | 463.4 |
| 167.5° | 466.4 | 466.7 | 467.0 | 467.3 |
| 170°   | 469.5 | 469.8 | 470.2 | 470.5 |
| 172.5° | 471.4 | 471.8 | 472.2 | 472.6 |
| 175°   | 473.2 | 473.5 | 473.9 | 474.3 |
| 177.5° | 473.9 | 474.2 | 474.6 | 475.0 |
| 180°   | 474.3 | 474.3 | 474.3 | 474.3 |

(END OF REPORT)