

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: P1034016

Luminaire Tested: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1034016  
REPORT IS A COMBINATION OF REPORTS P1000253 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124RDIW-B1195D770UB50-4F0-XX-W2A-A  
Description: Define 4 Regressed Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015}  
{m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

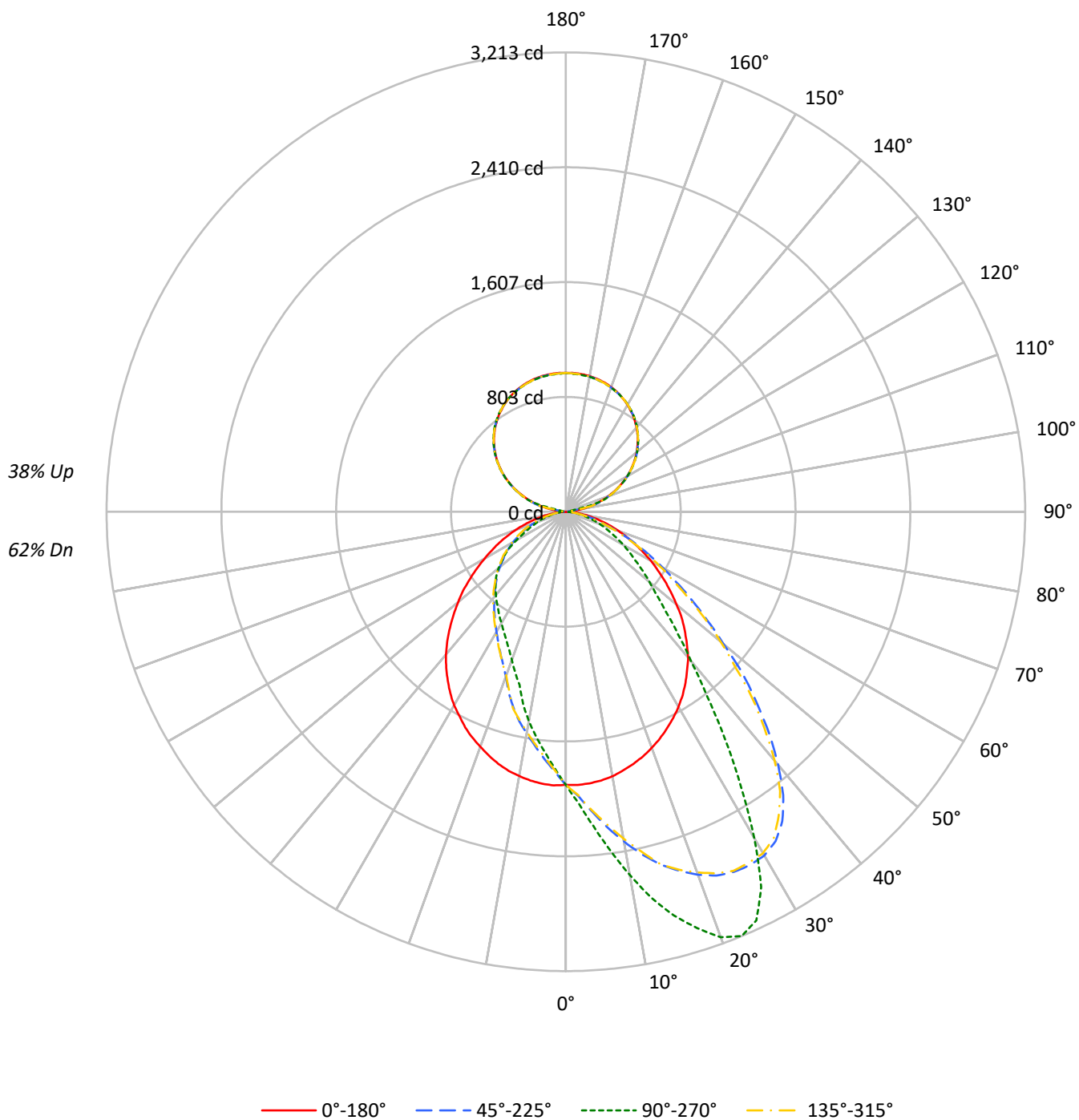
Lumens per Lamp: N/A  
Luminaire Lumens: 7833.0 lumens  
Efficiency: N/A  
Efficacy: 92.7 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 84.5  
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: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 90 | 90 | 90 | 78 | 78 | 78 | 67 | 67 | 67 | 67 | 67 | 67 | 62 |
| 1   | 101 | 97  | 93  | 90  | 94  | 91  | 88  | 85  | 80 | 77 | 75 | 69 | 68 | 66 | 60 | 59 | 58 | 58 | 58 | 58 | 53 |
| 2   | 92  | 85  | 79  | 74  | 86  | 80  | 75  | 70  | 71 | 67 | 63 | 62 | 59 | 56 | 53 | 51 | 49 | 49 | 49 | 49 | 45 |
| 3   | 85  | 75  | 68  | 62  | 79  | 71  | 65  | 60  | 63 | 58 | 54 | 55 | 51 | 48 | 48 | 45 | 43 | 43 | 43 | 43 | 39 |
| 4   | 78  | 67  | 59  | 53  | 73  | 63  | 56  | 51  | 56 | 51 | 46 | 49 | 45 | 42 | 43 | 40 | 37 | 37 | 37 | 37 | 34 |
| 5   | 72  | 60  | 52  | 46  | 67  | 57  | 50  | 44  | 50 | 45 | 40 | 45 | 40 | 36 | 39 | 36 | 33 | 33 | 33 | 33 | 30 |
| 6   | 66  | 54  | 46  | 40  | 62  | 51  | 44  | 39  | 46 | 40 | 35 | 40 | 36 | 32 | 36 | 32 | 29 | 29 | 29 | 29 | 26 |
| 7   | 61  | 49  | 41  | 36  | 57  | 46  | 39  | 34  | 42 | 36 | 31 | 37 | 32 | 29 | 33 | 29 | 26 | 26 | 26 | 26 | 24 |
| 8   | 57  | 45  | 37  | 32  | 53  | 42  | 35  | 30  | 38 | 32 | 28 | 34 | 29 | 26 | 30 | 26 | 23 | 23 | 23 | 23 | 21 |
| 9   | 53  | 41  | 33  | 28  | 50  | 39  | 32  | 27  | 35 | 29 | 25 | 31 | 27 | 23 | 28 | 24 | 21 | 21 | 21 | 21 | 19 |
| 10  | 50  | 38  | 30  | 26  | 47  | 36  | 29  | 25  | 32 | 27 | 23 | 29 | 24 | 21 | 26 | 22 | 19 | 19 | 19 | 19 | 17 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15571 | 15571 | 15571 | 15571 |
| 5°  | 15571 | 17595 | 15596 | 13448 |
| 10° | 15488 | 20283 | 15476 | 11695 |
| 15° | 15304 | 22827 | 15304 | 9791  |
| 20° | 15111 | 24749 | 15031 | 8622  |
| 25° | 14875 | 24855 | 14807 | 7787  |
| 30° | 14625 | 21135 | 14511 | 7213  |
| 35° | 14271 | 15947 | 14090 | 6786  |
| 40° | 13877 | 11557 | 13604 | 6451  |
| 45° | 13227 | 8783  | 12897 | 6155  |
| 50° | 12453 | 7098  | 12112 | 5722  |
| 55° | 11617 | 5878  | 11237 | 5145  |
| 60° | 10775 | 4970  | 10295 | 4279  |
| 65° | 9721  | 4049  | 9411  | 3401  |
| 70° | 8754  | 3282  | 8342  | 2762  |
| 75° | 7671  | 2366  | 7138  | 2024  |
| 80° | 6330  | 1568  | 5758  | 1489  |
| 85° | 4592  | 807   | 3806  | 807   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 19493 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 184.9  | 2.4       |
| 10°-20°   | 558.4  | 7.1       |
| 20°-30°   | 874.6  | 11.2      |
| 30°-40°   | 971.3  | 12.4      |
| 40°-50°   | 860.7  | 11.0      |
| 50°-60°   | 670.7  | 8.6       |
| 60°-70°   | 438.7  | 5.6       |
| 70°-80°   | 215.3  | 2.7       |
| 80°-90°   | 54.4   | 0.7       |
| 90°-100°  | 32.2   | 0.4       |
| 100°-110° | 212.2  | 2.7       |
| 110°-120° | 405.3  | 5.2       |
| 120°-130° | 514.5  | 6.6       |
| 130°-140° | 550.4  | 7.0       |
| 140°-150° | 514.6  | 6.6       |
| 150°-160° | 415.0  | 5.3       |
| 160°-170° | 267.6  | 3.4       |
| 170°-180° | 92.2   | 1.2       |
| 0°-30°    | 1617.9 | 20.7      |
| 0°-40°    | 2589.2 | 33.1      |
| 0°-60°    | 4120.5 | 52.6      |
| 0°-90°    | 4829.0 | 61.6      |
| 90°-120°  | 649.7  | 8.3       |
| 90°-150°  | 2229.1 | 28.5      |
| 90°-180°  | 3004.0 | 38.4      |
| 0°-180°   | 7833.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1910 | 1910 | 1910 | 1910 | 1910 |      |
| 5°   | 1906 | 2206 | 1910 | 1686 | 1906 | 181  |
| 15°  | 1825 | 2924 | 1825 | 1254 | 1825 | 515  |
| 25°  | 1672 | 3153 | 1665 | 988  | 1672 | 771  |
| 35°  | 1459 | 1942 | 1440 | 826  | 1459 | 912  |
| 45°  | 1176 | 992  | 1146 | 696  | 1176 | 907  |
| 55°  | 846  | 592  | 819  | 518  | 846  | 757  |
| 65°  | 531  | 346  | 514  | 291  | 531  | 529  |
| 75°  | 266  | 160  | 248  | 137  | 266  | 282  |
| 85°  | 63   | 38   | 52   | 38   | 63   | 71   |
| 90°  | 2    | 22   | 2    | 22   | 2    | 6    |
| 95°  | 40   | 21   | 40   | 21   | 40   | 49   |
| 105° | 219  | 207  | 219  | 207  | 219  | 229  |
| 115° | 408  | 411  | 408  | 411  | 408  | 402  |
| 125° | 574  | 578  | 574  | 578  | 574  | 512  |
| 135° | 712  | 717  | 712  | 717  | 712  | 548  |
| 145° | 820  | 825  | 820  | 825  | 820  | 513  |
| 155° | 900  | 899  | 900  | 899  | 900  | 415  |
| 165° | 949  | 945  | 949  | 945  | 949  | 268  |
| 175° | 971  | 965  | 971  | 965  | 971  | 92   |
| 180° | 971  | 971  | 971  | 971  | 971  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 |
| 2.5°   | 1912.6 | 1929.5 | 1938.7 | 1946.4 | 1961.8 | 1968.0 | 1980.3 | 1983.4 | 1995.7 | 1994.1 | 1989.5 |
| 5°     | 1906.4 | 1935.7 | 1957.2 | 1980.3 | 2008.0 | 2023.4 | 2040.3 | 2064.9 | 2077.2 | 2094.1 | 2104.9 |
| 7.5°   | 1895.7 | 1935.7 | 1971.1 | 2006.4 | 2051.1 | 2075.7 | 2097.2 | 2135.7 | 2168.0 | 2195.7 | 2226.5 |
| 10°    | 1878.7 | 1929.5 | 1981.8 | 2029.5 | 2091.1 | 2120.3 | 2152.6 | 2209.5 | 2254.2 | 2292.6 | 2341.9 |
| 12.5°  | 1852.6 | 1923.4 | 1981.8 | 2046.4 | 2124.9 | 2164.9 | 2208.0 | 2275.7 | 2328.0 | 2391.1 | 2452.7 |
| 15°    | 1824.9 | 1903.3 | 1980.3 | 2064.9 | 2154.2 | 2200.3 | 2243.4 | 2334.2 | 2414.2 | 2486.5 | 2554.2 |
| 17.5°  | 1794.1 | 1880.3 | 1964.9 | 2058.8 | 2166.5 | 2223.4 | 2274.2 | 2383.4 | 2471.1 | 2565.0 | 2632.7 |
| 20°    | 1757.2 | 1851.0 | 1948.0 | 2052.6 | 2174.2 | 2237.2 | 2294.2 | 2418.8 | 2515.7 | 2617.3 | 2701.9 |
| 22.5°  | 1717.2 | 1818.7 | 1924.9 | 2038.8 | 2164.9 | 2234.2 | 2300.3 | 2434.2 | 2546.5 | 2640.4 | 2754.2 |
| 25°    | 1672.5 | 1780.3 | 1889.5 | 2009.5 | 2151.1 | 2226.5 | 2294.2 | 2426.5 | 2546.5 | 2669.6 | 2780.4 |
| 27.5°  | 1626.4 | 1737.2 | 1851.0 | 1977.2 | 2121.8 | 2195.7 | 2272.6 | 2400.3 | 2540.4 | 2674.2 | 2786.6 |
| 30°    | 1575.6 | 1683.3 | 1803.3 | 1923.4 | 2077.2 | 2151.1 | 2229.5 | 2368.0 | 2520.4 | 2654.2 | 2775.8 |
| 32.5°  | 1520.2 | 1631.0 | 1744.9 | 1869.5 | 2020.3 | 2100.3 | 2172.6 | 2329.6 | 2485.0 | 2617.3 | 2731.2 |
| 35°    | 1458.7 | 1563.3 | 1671.0 | 1798.7 | 1948.0 | 2020.3 | 2106.5 | 2269.6 | 2426.5 | 2566.5 | 2640.4 |
| 37.5°  | 1392.5 | 1492.5 | 1592.5 | 1718.7 | 1861.8 | 1949.5 | 2034.1 | 2198.8 | 2365.0 | 2458.8 | 2497.3 |
| 40°    | 1331.0 | 1418.7 | 1506.4 | 1627.9 | 1772.6 | 1863.3 | 1949.5 | 2120.3 | 2266.5 | 2338.8 | 2309.6 |
| 42.5°  | 1252.5 | 1343.3 | 1421.7 | 1534.1 | 1680.2 | 1764.9 | 1852.6 | 2029.5 | 2148.0 | 2177.2 | 2104.9 |
| 45°    | 1175.6 | 1250.9 | 1326.3 | 1435.6 | 1589.5 | 1661.8 | 1755.6 | 1920.3 | 2018.7 | 1992.6 | 1886.4 |
| 47.5°  | 1100.2 | 1161.7 | 1232.5 | 1338.7 | 1477.1 | 1563.3 | 1651.0 | 1794.1 | 1863.3 | 1826.4 | 1678.7 |
| 50°    | 1010.9 | 1072.5 | 1146.3 | 1238.6 | 1372.5 | 1455.6 | 1524.8 | 1657.2 | 1709.5 | 1618.7 | 1440.2 |
| 52.5°  | 926.3  | 980.1  | 1043.2 | 1129.4 | 1257.1 | 1332.5 | 1407.9 | 1521.8 | 1538.7 | 1434.1 | 1246.3 |
| 55°    | 846.3  | 889.4  | 955.5  | 1024.8 | 1141.7 | 1221.7 | 1274.0 | 1371.0 | 1366.3 | 1235.6 | 1074.0 |
| 57.5°  | 763.2  | 803.2  | 847.8  | 920.1  | 1030.9 | 1090.9 | 1147.9 | 1232.5 | 1187.9 | 1077.1 | 917.1  |
| 60°    | 689.3  | 712.4  | 757.0  | 826.3  | 920.1  | 972.4  | 1017.1 | 1063.2 | 1024.8 | 904.7  | 781.6  |
| 62.5°  | 607.8  | 633.9  | 666.2  | 721.6  | 804.7  | 854.0  | 886.3  | 906.3  | 866.3  | 774.0  | 661.6  |
| 65°    | 530.8  | 553.9  | 587.8  | 637.0  | 700.1  | 737.0  | 754.0  | 767.8  | 746.3  | 641.6  | 552.4  |
| 67.5°  | 461.6  | 477.0  | 507.8  | 540.1  | 607.8  | 617.0  | 640.1  | 646.2  | 603.2  | 523.2  | 452.4  |
| 70°    | 392.4  | 407.8  | 421.6  | 460.1  | 490.8  | 507.8  | 512.4  | 512.4  | 469.3  | 417.0  | 358.5  |
| 72.5°  | 327.7  | 337.0  | 350.8  | 377.0  | 393.9  | 406.2  | 412.4  | 404.7  | 364.7  | 321.6  | 278.5  |
| 75°    | 266.2  | 270.8  | 283.1  | 300.0  | 313.9  | 309.3  | 307.7  | 298.5  | 269.3  | 238.5  | 213.9  |
| 77.5°  | 204.6  | 207.7  | 221.6  | 226.2  | 226.2  | 230.8  | 224.6  | 215.4  | 190.8  | 167.7  | 156.9  |
| 80°    | 153.9  | 158.5  | 160.0  | 163.1  | 160.0  | 160.0  | 155.4  | 140.0  | 127.7  | 116.9  | 109.2  |
| 82.5°  | 106.2  | 109.2  | 110.8  | 106.2  | 109.2  | 104.6  | 96.9   | 86.2   | 78.5   | 76.9   | 73.9   |
| 85°    | 63.1   | 64.6   | 63.1   | 63.1   | 58.5   | 56.9   | 50.8   | 49.2   | 46.2   | 46.2   | 44.6   |
| 87.5°  | 30.8   | 29.2   | 26.2   | 23.1   | 23.1   | 21.5   | 23.1   | 20.0   | 23.1   | 21.5   | 20.0   |
| 90°    | 2.2    | 4.0    | 5.8    | 7.5    | 9.3    | 10.2   | 10.8   | 12.1   | 13.4   | 14.7   | 16.0   |
| 92.5°  | 10.9   | 10.6   | 10.2   | 9.9    | 9.6    | 9.4    | 10.0   | 11.3   | 12.6   | 13.9   | 15.2   |
| 95°    | 39.9   | 34.4   | 28.9   | 23.4   | 17.9   | 15.2   | 15.3   | 15.5   | 15.6   | 15.8   | 16.0   |
| 97.5°  | 76.2   | 79.8   | 83.3   | 86.9   | 90.4   | 92.2   | 83.7   | 66.8   | 49.9   | 32.9   | 16.0   |
| 100°   | 119.1  | 122.0  | 124.9  | 127.8  | 130.7  | 132.2  | 121.1  | 98.8   | 76.5   | 54.2   | 31.9   |
| 102.5° | 167.0  | 168.9  | 170.9  | 172.8  | 174.7  | 175.7  | 176.7  | 178.6  | 180.5  | 182.5  | 184.4  |
| 105°   | 218.6  | 219.6  | 220.5  | 221.5  | 222.4  | 222.9  | 223.3  | 224.1  | 224.9  | 225.7  | 226.5  |
| 107.5° | 265.8  | 266.3  | 266.7  | 267.2  | 267.7  | 267.9  | 268.5  | 269.6  | 270.7  | 271.9  | 273.0  |
| 110°   | 313.7  | 314.2  | 314.7  | 315.2  | 315.7  | 315.9  | 316.4  | 317.3  | 318.3  | 319.2  | 320.2  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 360.1 | 361.1 | 362.1 | 363.0 | 364.0 | 364.5 | 364.7 | 365.0 | 365.3 | 365.7 | 366.0 |
| 115°   | 408.1 | 408.6 | 409.0 | 409.5 | 410.0 | 410.2 | 410.1 | 410.0 | 409.8 | 409.7 | 409.5 |
| 117.5° | 450.9 | 451.5 | 452.2 | 452.8 | 453.5 | 453.8 | 454.0 | 454.5 | 455.0 | 455.5 | 456.0 |
| 120°   | 494.5 | 495.1 | 495.8 | 496.4 | 497.1 | 497.4 | 497.3 | 497.2 | 497.0 | 496.9 | 496.7 |
| 122.5° | 535.1 | 535.4 | 535.8 | 536.1 | 536.4 | 536.6 | 536.8 | 537.1 | 537.4 | 537.7 | 538.0 |
| 125°   | 573.6 | 574.2 | 574.9 | 575.5 | 576.2 | 576.5 | 576.3 | 576.0 | 575.7 | 575.4 | 575.1 |
| 127.5° | 610.7 | 610.9 | 611.0 | 611.2 | 611.3 | 611.4 | 611.8 | 612.6 | 613.4 | 614.2 | 615.0 |
| 130°   | 646.2 | 646.4 | 646.6 | 646.7 | 646.9 | 647.0 | 647.2 | 647.7 | 648.2 | 648.6 | 649.1 |
| 132.5° | 678.9 | 679.2 | 679.6 | 679.9 | 680.2 | 680.4 | 680.7 | 681.4 | 682.0 | 682.7 | 683.3 |
| 135°   | 711.6 | 711.4 | 711.3 | 711.1 | 711.0 | 710.9 | 711.2 | 711.9 | 712.5 | 713.2 | 713.8 |
| 137.5° | 740.6 | 740.6 | 740.6 | 740.6 | 740.6 | 740.6 | 741.0 | 741.8 | 742.7 | 743.5 | 744.3 |
| 140°   | 768.9 | 769.2 | 769.6 | 769.9 | 770.2 | 770.4 | 770.6 | 770.9 | 771.2 | 771.5 | 771.8 |
| 142.5° | 794.4 | 795.0 | 795.7 | 796.3 | 797.0 | 797.3 | 797.4 | 797.5 | 797.7 | 797.8 | 798.0 |
| 145°   | 820.5 | 821.0 | 821.5 | 822.0 | 822.5 | 822.7 | 822.7 | 822.7 | 822.7 | 822.7 | 822.7 |
| 147.5° | 840.8 | 841.8 | 842.8 | 843.7 | 844.7 | 845.2 | 845.1 | 845.0 | 844.8 | 844.7 | 844.5 |
| 150°   | 863.3 | 863.9 | 864.6 | 865.2 | 865.9 | 866.2 | 866.1 | 866.0 | 865.8 | 865.7 | 865.5 |
| 152.5° | 882.2 | 882.7 | 883.2 | 883.7 | 884.2 | 884.4 | 884.2 | 883.9 | 883.6 | 883.2 | 882.9 |
| 155°   | 899.6 | 899.8 | 900.0 | 900.1 | 900.3 | 900.4 | 900.2 | 899.7 | 899.2 | 898.7 | 898.2 |
| 157.5° | 914.9 | 914.9 | 914.9 | 914.9 | 914.9 | 914.9 | 914.6 | 913.9 | 913.3 | 912.6 | 912.0 |
| 160°   | 928.0 | 927.5 | 927.0 | 926.5 | 926.0 | 925.8 | 925.7 | 925.6 | 925.4 | 925.3 | 925.1 |
| 162.5° | 939.6 | 939.0 | 938.3 | 937.7 | 937.0 | 936.7 | 936.6 | 936.4 | 936.3 | 936.1 | 935.9 |
| 165°   | 949.0 | 948.2 | 947.4 | 946.6 | 945.8 | 945.4 | 945.4 | 945.4 | 945.4 | 945.4 | 945.4 |
| 167.5° | 957.0 | 956.2 | 955.4 | 954.6 | 953.8 | 953.4 | 953.3 | 953.1 | 953.0 | 952.8 | 952.6 |
| 170°   | 963.5 | 962.5 | 961.6 | 960.6 | 959.7 | 959.2 | 959.3 | 959.4 | 959.6 | 959.7 | 959.9 |
| 172.5° | 967.9 | 966.9 | 965.9 | 965.0 | 964.0 | 963.5 | 963.6 | 963.8 | 963.9 | 964.1 | 964.3 |
| 175°   | 970.8 | 969.8 | 968.8 | 967.9 | 966.9 | 966.4 | 966.5 | 966.7 | 966.8 | 967.0 | 967.2 |
| 177.5° | 973.0 | 971.9 | 970.7 | 969.6 | 968.5 | 967.9 | 968.1 | 968.4 | 968.7 | 969.0 | 969.3 |
| 180°   | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 |
| 2.5°   | 2001.8 | 2018.7 | 2020.3 | 2035.7 | 2031.1 | 2023.4 | 2037.2 | 2028.0 | 2046.4 | 2040.3 | 2048.0 |
| 5°     | 2118.8 | 2141.8 | 2161.8 | 2174.2 | 2195.7 | 2191.1 | 2214.2 | 2206.5 | 2223.4 | 2206.5 | 2228.0 |
| 7.5°   | 2255.7 | 2294.2 | 2314.2 | 2346.5 | 2355.7 | 2357.3 | 2385.0 | 2391.1 | 2401.9 | 2391.1 | 2403.4 |
| 10°    | 2389.6 | 2435.7 | 2481.9 | 2508.1 | 2525.0 | 2548.1 | 2572.7 | 2583.4 | 2591.1 | 2580.4 | 2588.1 |
| 12.5°  | 2511.1 | 2583.4 | 2634.2 | 2686.5 | 2698.8 | 2718.8 | 2745.0 | 2741.9 | 2772.7 | 2766.5 | 2780.4 |
| 15°    | 2623.5 | 2703.5 | 2765.0 | 2806.6 | 2840.4 | 2857.3 | 2906.6 | 2909.6 | 2908.1 | 2923.5 | 2914.3 |
| 17.5°  | 2723.5 | 2791.2 | 2878.9 | 2932.7 | 2974.3 | 2974.3 | 3002.0 | 3058.9 | 3054.3 | 3052.7 | 3062.0 |
| 20°    | 2805.0 | 2881.9 | 2963.5 | 3054.3 | 3088.1 | 3094.3 | 3132.8 | 3162.0 | 3166.6 | 3166.6 | 3166.6 |
| 22.5°  | 2866.6 | 2957.3 | 3045.0 | 3109.7 | 3135.8 | 3157.4 | 3191.2 | 3209.7 | 3215.8 | 3212.8 | 3215.8 |
| 25°    | 2897.3 | 2983.5 | 3072.7 | 3131.2 | 3146.6 | 3158.9 | 3162.0 | 3172.8 | 3171.2 | 3152.8 | 3163.5 |
| 27.5°  | 2903.5 | 2986.6 | 3045.0 | 3060.4 | 3052.7 | 3045.0 | 2995.8 | 3000.4 | 2986.6 | 2958.9 | 2969.7 |
| 30°    | 2875.8 | 2920.4 | 2918.9 | 2871.2 | 2857.3 | 2825.0 | 2780.4 | 2714.2 | 2660.4 | 2637.3 | 2645.0 |
| 32.5°  | 2775.8 | 2775.8 | 2720.4 | 2612.7 | 2565.0 | 2506.5 | 2426.5 | 2366.5 | 2295.7 | 2280.3 | 2309.6 |
| 35°    | 2637.3 | 2558.8 | 2457.3 | 2315.7 | 2243.4 | 2200.3 | 2061.8 | 2018.7 | 1958.7 | 1941.8 | 1955.7 |
| 37.5°  | 2421.9 | 2291.1 | 2143.4 | 2011.1 | 1949.5 | 1872.6 | 1751.0 | 1689.5 | 1646.4 | 1617.2 | 1631.0 |
| 40°    | 2180.3 | 2021.8 | 1868.0 | 1704.9 | 1637.2 | 1574.1 | 1483.3 | 1427.9 | 1358.7 | 1361.7 | 1366.3 |
| 42.5°  | 1949.5 | 1763.3 | 1591.0 | 1440.2 | 1375.6 | 1323.3 | 1260.2 | 1192.5 | 1167.9 | 1160.2 | 1152.5 |
| 45°    | 1704.9 | 1506.4 | 1344.8 | 1232.5 | 1174.0 | 1124.8 | 1066.3 | 1027.8 | 998.6  | 992.4  | 1000.1 |
| 47.5°  | 1474.1 | 1306.3 | 1152.5 | 1047.8 | 1000.1 | 975.5  | 929.4  | 894.0  | 875.5  | 860.1  | 869.4  |
| 50°    | 1264.8 | 1107.9 | 984.8  | 897.1  | 863.2  | 846.3  | 803.2  | 784.7  | 766.3  | 761.6  | 760.1  |
| 52.5°  | 1092.5 | 958.6  | 852.4  | 781.6  | 755.5  | 746.3  | 713.9  | 687.8  | 672.4  | 677.0  | 680.1  |
| 55°    | 935.5  | 821.7  | 738.6  | 681.6  | 660.1  | 649.3  | 626.2  | 607.8  | 597.0  | 592.4  | 595.5  |
| 57.5°  | 797.0  | 698.6  | 638.6  | 592.4  | 575.5  | 570.9  | 546.2  | 540.1  | 532.4  | 527.8  | 527.8  |
| 60°    | 670.9  | 601.6  | 546.2  | 520.1  | 501.6  | 497.0  | 478.5  | 470.8  | 469.3  | 464.7  | 461.6  |
| 62.5°  | 564.7  | 507.8  | 469.3  | 441.6  | 433.9  | 432.4  | 420.1  | 410.8  | 406.2  | 403.1  | 403.1  |
| 65°    | 472.4  | 430.8  | 398.5  | 378.5  | 372.4  | 369.3  | 355.4  | 352.4  | 349.3  | 346.2  | 344.7  |
| 67.5°  | 393.9  | 357.0  | 333.9  | 320.0  | 312.4  | 313.9  | 306.2  | 300.0  | 300.0  | 298.5  | 297.0  |
| 70°    | 318.5  | 295.4  | 275.4  | 267.7  | 264.7  | 261.6  | 258.5  | 253.9  | 252.3  | 252.3  | 252.3  |
| 72.5°  | 250.8  | 235.4  | 224.6  | 220.0  | 217.0  | 213.9  | 210.8  | 210.8  | 210.8  | 209.3  | 209.3  |
| 75°    | 192.3  | 186.2  | 178.5  | 173.9  | 173.9  | 176.9  | 172.3  | 167.7  | 163.1  | 160.0  | 161.6  |
| 77.5°  | 144.6  | 141.6  | 136.9  | 129.2  | 130.8  | 127.7  | 127.7  | 124.6  | 126.2  | 126.2  | 123.1  |
| 80°    | 106.2  | 101.6  | 100.0  | 95.4   | 96.9   | 95.4   | 93.9   | 93.9   | 90.8   | 90.8   | 90.8   |
| 82.5°  | 73.9   | 69.2   | 69.2   | 67.7   | 66.2   | 66.2   | 64.6   | 64.6   | 66.2   | 63.1   | 63.1   |
| 85°    | 44.6   | 43.1   | 43.1   | 40.0   | 40.0   | 40.0   | 40.0   | 41.5   | 40.0   | 38.5   | 38.5   |
| 87.5°  | 20.0   | 21.5   | 20.0   | 18.5   | 18.5   | 18.5   | 16.9   | 16.9   | 15.4   | 16.9   | 16.9   |
| 90°    | 17.0   | 17.9   | 18.9   | 19.8   | 20.3   | 20.5   | 20.8   | 21.1   | 21.5   | 21.8   | 21.5   |
| 92.5°  | 16.2   | 17.2   | 18.1   | 19.1   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   |
| 95°    | 17.0   | 17.9   | 18.9   | 19.8   | 20.3   | 20.4   | 20.6   | 20.7   | 20.9   | 21.1   | 20.9   |
| 97.5°  | 16.8   | 17.6   | 18.4   | 19.2   | 19.6   | 19.7   | 19.8   | 20.0   | 20.1   | 20.3   | 20.1   |
| 100°   | 29.2   | 26.4   | 23.7   | 21.0   | 19.6   | 19.7   | 19.8   | 20.0   | 20.1   | 20.3   | 20.1   |
| 102.5° | 148.1  | 111.8  | 75.5   | 39.2   | 21.1   | 21.1   | 21.1   | 21.1   | 21.1   | 21.1   | 21.1   |
| 105°   | 228.0  | 229.4  | 230.9  | 232.4  | 233.1  | 230.2  | 224.4  | 218.5  | 212.7  | 206.9  | 212.7  |
| 107.5° | 273.8  | 274.6  | 275.4  | 276.2  | 276.6  | 276.9  | 277.6  | 278.2  | 278.9  | 279.5  | 278.9  |
| 110°   | 320.5  | 320.9  | 321.2  | 321.5  | 321.7  | 321.9  | 322.4  | 322.9  | 323.3  | 323.8  | 323.3  |

TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 365.8 | 365.6 | 365.5 | 365.3 | 365.2 | 365.5 | 366.2 | 366.8 | 367.5 | 368.1 | 367.5 |
| 115°   | 409.8 | 410.2 | 410.5 | 410.8 | 411.0 | 411.0 | 411.0 | 411.0 | 411.0 | 411.0 | 411.0 |
| 117.5° | 455.8 | 455.7 | 455.5 | 455.4 | 455.3 | 455.3 | 455.3 | 455.3 | 455.3 | 455.3 | 455.3 |
| 120°   | 497.0 | 497.3 | 497.6 | 497.9 | 498.1 | 497.9 | 497.6 | 497.3 | 497.0 | 496.7 | 497.0 |
| 122.5° | 538.2 | 538.4 | 538.5 | 538.7 | 538.8 | 538.6 | 538.3 | 538.0 | 537.6 | 537.3 | 537.6 |
| 125°   | 575.6 | 576.1 | 576.6 | 577.1 | 577.3 | 577.4 | 577.5 | 577.7 | 577.8 | 578.0 | 577.8 |
| 127.5° | 614.8 | 614.7 | 614.5 | 614.4 | 614.3 | 614.2 | 614.1 | 613.9 | 613.8 | 613.6 | 613.8 |
| 130°   | 649.3 | 649.5 | 649.6 | 649.8 | 649.9 | 649.9 | 649.9 | 649.9 | 649.9 | 649.9 | 649.9 |
| 132.5° | 683.5 | 683.6 | 683.8 | 683.9 | 684.0 | 683.9 | 683.8 | 683.6 | 683.5 | 683.3 | 683.5 |
| 135°   | 714.1 | 714.4 | 714.7 | 715.0 | 715.2 | 715.4 | 715.7 | 716.0 | 716.4 | 716.7 | 716.4 |
| 137.5° | 744.6 | 744.9 | 745.2 | 745.5 | 745.7 | 745.6 | 745.5 | 745.3 | 745.2 | 745.0 | 745.2 |
| 140°   | 772.3 | 772.8 | 773.3 | 773.8 | 774.0 | 774.1 | 774.3 | 774.4 | 774.6 | 774.8 | 774.6 |
| 142.5° | 798.3 | 798.6 | 798.9 | 799.2 | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 |
| 145°   | 822.9 | 823.0 | 823.2 | 823.3 | 823.4 | 823.6 | 823.9 | 824.2 | 824.6 | 824.9 | 824.6 |
| 147.5° | 844.7 | 844.8 | 845.0 | 845.1 | 845.2 | 845.3 | 845.4 | 845.6 | 845.7 | 845.9 | 845.7 |
| 150°   | 865.5 | 865.5 | 865.5 | 865.5 | 865.5 | 865.6 | 865.7 | 865.9 | 866.0 | 866.2 | 866.0 |
| 152.5° | 883.2 | 883.6 | 883.9 | 884.2 | 884.4 | 884.3 | 884.2 | 884.0 | 883.9 | 883.7 | 883.9 |
| 155°   | 898.8 | 899.5 | 900.1 | 900.8 | 901.1 | 900.9 | 900.4 | 899.9 | 899.4 | 898.9 | 899.4 |
| 157.5° | 912.8 | 913.6 | 914.4 | 915.2 | 915.6 | 915.2 | 914.4 | 913.6 | 912.8 | 912.0 | 912.8 |
| 160°   | 926.1 | 927.0 | 928.0 | 928.9 | 929.4 | 928.9 | 928.0 | 927.0 | 926.1 | 925.1 | 926.1 |
| 162.5° | 936.9 | 937.9 | 938.8 | 939.8 | 940.3 | 939.7 | 938.6 | 937.5 | 936.3 | 935.2 | 936.3 |
| 165°   | 946.7 | 948.0 | 949.3 | 950.6 | 951.2 | 950.5 | 949.0 | 947.6 | 946.1 | 944.7 | 946.1 |
| 167.5° | 954.1 | 955.5 | 957.0 | 958.5 | 959.2 | 958.4 | 956.8 | 955.1 | 953.5 | 951.9 | 953.5 |
| 170°   | 961.2 | 962.5 | 963.8 | 965.1 | 965.7 | 964.9 | 963.3 | 961.7 | 960.1 | 958.5 | 960.1 |
| 172.5° | 965.6 | 966.9 | 968.2 | 969.5 | 970.1 | 969.2 | 967.4 | 965.7 | 963.9 | 962.1 | 963.9 |
| 175°   | 968.6 | 970.1 | 971.5 | 973.0 | 973.7 | 972.7 | 970.8 | 968.9 | 966.9 | 965.0 | 966.9 |
| 177.5° | 970.6 | 971.9 | 973.2 | 974.5 | 975.2 | 974.2 | 972.3 | 970.3 | 968.4 | 966.4 | 968.4 |
| 180°   | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 |

TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 |
| 2.5°   | 2052.6 | 2041.8 | 2040.3 | 2040.3 | 2023.4 | 2032.6 | 2014.1 | 1994.1 | 1984.9 | 1984.9 | 1968.0 |
| 5°     | 2223.4 | 2212.6 | 2201.9 | 2184.9 | 2184.9 | 2175.7 | 2146.5 | 2117.2 | 2095.7 | 2077.2 | 2057.2 |
| 7.5°   | 2398.8 | 2388.0 | 2357.3 | 2340.3 | 2349.6 | 2331.1 | 2292.6 | 2243.4 | 2206.5 | 2177.2 | 2135.7 |
| 10°    | 2589.6 | 2560.4 | 2545.0 | 2535.7 | 2503.4 | 2483.4 | 2438.8 | 2366.5 | 2320.3 | 2281.9 | 2228.0 |
| 12.5°  | 2745.0 | 2754.2 | 2695.8 | 2700.4 | 2668.1 | 2640.4 | 2571.1 | 2501.9 | 2432.7 | 2378.8 | 2298.8 |
| 15°    | 2912.7 | 2885.0 | 2849.6 | 2821.9 | 2811.2 | 2777.3 | 2718.8 | 2626.5 | 2551.1 | 2466.5 | 2375.7 |
| 17.5°  | 3045.0 | 3023.5 | 2989.7 | 2963.5 | 2940.4 | 2858.9 | 2809.6 | 2728.1 | 2625.0 | 2541.9 | 2431.1 |
| 20°    | 3157.4 | 3137.4 | 3089.7 | 3072.7 | 3031.2 | 2972.7 | 2902.0 | 2775.8 | 2683.5 | 2592.7 | 2485.0 |
| 22.5°  | 3205.1 | 3185.1 | 3143.5 | 3122.0 | 3095.8 | 3038.9 | 2971.2 | 2851.2 | 2737.3 | 2623.5 | 2509.6 |
| 25°    | 3165.1 | 3165.1 | 3145.1 | 3137.4 | 3114.3 | 3063.5 | 2994.3 | 2892.7 | 2771.2 | 2648.1 | 2512.7 |
| 27.5°  | 2971.2 | 3009.7 | 3023.5 | 3031.2 | 3031.2 | 3032.7 | 2985.0 | 2886.6 | 2768.1 | 2648.1 | 2506.5 |
| 30°    | 2691.2 | 2755.8 | 2812.7 | 2829.6 | 2858.9 | 2891.2 | 2911.2 | 2863.5 | 2757.3 | 2631.1 | 2489.6 |
| 32.5°  | 2338.8 | 2421.9 | 2528.1 | 2554.2 | 2594.2 | 2691.2 | 2745.0 | 2765.0 | 2706.5 | 2595.8 | 2445.0 |
| 35°    | 1988.0 | 2092.6 | 2157.2 | 2237.2 | 2274.2 | 2417.3 | 2537.3 | 2609.6 | 2595.8 | 2529.6 | 2392.6 |
| 37.5°  | 1681.8 | 1741.8 | 1820.3 | 1904.9 | 1978.7 | 2115.7 | 2264.9 | 2405.0 | 2461.9 | 2429.6 | 2326.5 |
| 40°    | 1387.9 | 1458.7 | 1552.5 | 1621.8 | 1672.5 | 1809.5 | 1994.1 | 2146.5 | 2271.1 | 2291.1 | 2228.0 |
| 42.5°  | 1180.2 | 1250.9 | 1307.9 | 1383.3 | 1423.3 | 1555.6 | 1718.7 | 1909.5 | 2057.2 | 2135.7 | 2108.0 |
| 45°    | 1020.1 | 1063.2 | 1109.4 | 1152.5 | 1201.7 | 1318.6 | 1469.4 | 1678.7 | 1844.9 | 1955.7 | 1966.4 |
| 47.5°  | 880.1  | 918.6  | 958.6  | 998.6  | 1026.3 | 1117.1 | 1255.6 | 1426.4 | 1607.9 | 1760.3 | 1820.3 |
| 50°    | 781.6  | 800.1  | 829.3  | 852.4  | 884.7  | 963.2  | 1074.0 | 1221.7 | 1414.0 | 1578.7 | 1657.2 |
| 52.5°  | 684.7  | 707.8  | 730.9  | 750.9  | 772.4  | 827.8  | 929.4  | 1057.1 | 1223.3 | 1392.5 | 1489.4 |
| 55°    | 603.2  | 621.6  | 643.2  | 657.0  | 669.3  | 718.6  | 795.5  | 894.0  | 1037.1 | 1197.1 | 1317.1 |
| 57.5°  | 537.0  | 544.7  | 563.2  | 570.9  | 584.7  | 624.7  | 680.1  | 767.8  | 883.2  | 1038.6 | 1137.1 |
| 60°    | 464.7  | 480.1  | 493.9  | 500.1  | 510.8  | 538.5  | 577.0  | 658.6  | 758.6  | 872.4  | 984.8  |
| 62.5°  | 406.2  | 412.4  | 423.1  | 430.8  | 438.5  | 467.8  | 500.1  | 561.6  | 637.0  | 732.4  | 835.5  |
| 65°    | 352.4  | 355.4  | 361.6  | 372.4  | 377.0  | 398.5  | 417.0  | 461.6  | 532.4  | 604.7  | 707.8  |
| 67.5°  | 297.0  | 300.0  | 307.7  | 313.9  | 318.5  | 332.4  | 352.4  | 384.7  | 423.1  | 503.1  | 560.1  |
| 70°    | 253.9  | 253.9  | 258.5  | 261.6  | 266.2  | 272.3  | 283.1  | 307.7  | 343.1  | 393.9  | 446.2  |
| 72.5°  | 212.3  | 212.3  | 212.3  | 217.0  | 217.0  | 221.6  | 227.7  | 244.7  | 269.3  | 309.3  | 343.1  |
| 75°    | 164.6  | 166.2  | 169.3  | 169.3  | 170.8  | 176.9  | 181.6  | 186.2  | 198.5  | 224.6  | 255.4  |
| 77.5°  | 124.6  | 127.7  | 129.2  | 126.2  | 129.2  | 129.2  | 135.4  | 141.6  | 147.7  | 155.4  | 178.5  |
| 80°    | 92.3   | 93.9   | 90.8   | 92.3   | 92.3   | 95.4   | 98.5   | 96.9   | 100.0  | 109.2  | 115.4  |
| 82.5°  | 61.5   | 63.1   | 63.1   | 63.1   | 63.1   | 67.7   | 67.7   | 66.2   | 67.7   | 69.2   | 70.8   |
| 85°    | 38.5   | 36.9   | 36.9   | 38.5   | 36.9   | 36.9   | 38.5   | 40.0   | 38.5   | 40.0   | 41.5   |
| 87.5°  | 16.9   | 16.9   | 16.9   | 16.9   | 15.4   | 15.4   | 16.9   | 15.4   | 16.9   | 15.4   | 13.8   |
| 90°    | 21.1   | 20.8   | 20.5   | 20.3   | 19.8   | 18.9   | 17.9   | 17.0   | 16.0   | 14.7   | 13.4   |
| 92.5°  | 19.6   | 19.6   | 19.6   | 19.6   | 19.1   | 18.1   | 17.2   | 16.2   | 15.2   | 13.9   | 12.6   |
| 95°    | 20.7   | 20.6   | 20.4   | 20.3   | 19.8   | 18.9   | 17.9   | 17.0   | 16.0   | 15.8   | 15.6   |
| 97.5°  | 20.0   | 19.8   | 19.7   | 19.6   | 19.2   | 18.4   | 17.6   | 16.8   | 16.0   | 32.9   | 49.9   |
| 100°   | 20.0   | 19.8   | 19.7   | 19.6   | 21.0   | 23.7   | 26.4   | 29.2   | 31.9   | 54.2   | 76.5   |
| 102.5° | 21.1   | 21.1   | 21.1   | 21.1   | 39.2   | 75.5   | 111.8  | 148.1  | 184.4  | 182.5  | 180.5  |
| 105°   | 218.5  | 224.4  | 230.2  | 233.1  | 232.4  | 230.9  | 229.4  | 228.0  | 226.5  | 225.7  | 224.9  |
| 107.5° | 278.2  | 277.6  | 276.9  | 276.6  | 276.2  | 275.4  | 274.6  | 273.8  | 273.0  | 271.9  | 270.7  |
| 110°   | 322.9  | 322.4  | 321.9  | 321.7  | 321.5  | 321.2  | 320.9  | 320.5  | 320.2  | 319.2  | 318.3  |

TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 366.8 | 366.2 | 365.5 | 365.2  | 365.3 | 365.5 | 365.6 | 365.8 | 366.0 | 365.7 | 365.3 |
| 115°   | 411.0 | 411.0 | 411.0 | 411.0  | 410.8 | 410.5 | 410.2 | 409.8 | 409.5 | 409.7 | 409.8 |
| 117.5° | 455.3 | 455.3 | 455.3 | 455.3  | 455.4 | 455.5 | 455.7 | 455.8 | 456.0 | 455.5 | 455.0 |
| 120°   | 497.3 | 497.6 | 497.9 | 498.1  | 497.9 | 497.6 | 497.3 | 497.0 | 496.7 | 496.9 | 497.0 |
| 122.5° | 538.0 | 538.3 | 538.6 | 538.8  | 538.7 | 538.5 | 538.4 | 538.2 | 538.0 | 537.7 | 537.4 |
| 125°   | 577.7 | 577.5 | 577.4 | 577.3  | 577.1 | 576.6 | 576.1 | 575.6 | 575.1 | 575.4 | 575.7 |
| 127.5° | 613.9 | 614.1 | 614.2 | 614.3  | 614.4 | 614.5 | 614.7 | 614.8 | 615.0 | 614.2 | 613.4 |
| 130°   | 649.9 | 649.9 | 649.9 | 649.9  | 649.8 | 649.6 | 649.5 | 649.3 | 649.1 | 648.6 | 648.2 |
| 132.5° | 683.6 | 683.8 | 683.9 | 684.0  | 683.9 | 683.8 | 683.6 | 683.5 | 683.3 | 682.7 | 682.0 |
| 135°   | 716.0 | 715.7 | 715.4 | 715.2  | 715.0 | 714.7 | 714.4 | 714.1 | 713.8 | 713.2 | 712.5 |
| 137.5° | 745.3 | 745.5 | 745.6 | 745.7  | 745.5 | 745.2 | 744.9 | 744.6 | 744.3 | 743.5 | 742.7 |
| 140°   | 774.4 | 774.3 | 774.1 | 774.0  | 773.8 | 773.3 | 772.8 | 772.3 | 771.8 | 771.5 | 771.2 |
| 142.5° | 799.4 | 799.4 | 799.4 | 799.4  | 799.2 | 798.9 | 798.6 | 798.3 | 798.0 | 797.8 | 797.7 |
| 145°   | 824.2 | 823.9 | 823.6 | 823.4  | 823.3 | 823.2 | 823.0 | 822.9 | 822.7 | 822.7 | 822.7 |
| 147.5° | 845.6 | 845.4 | 845.3 | 845.2  | 845.1 | 845.0 | 844.8 | 844.7 | 844.5 | 844.7 | 844.8 |
| 150°   | 865.9 | 865.7 | 865.6 | 865.5  | 865.5 | 865.5 | 865.5 | 865.5 | 865.5 | 865.7 | 865.8 |
| 152.5° | 884.0 | 884.2 | 884.3 | 884.4  | 884.2 | 883.9 | 883.6 | 883.2 | 882.9 | 883.2 | 883.6 |
| 155°   | 899.9 | 900.4 | 900.9 | 901.1  | 900.8 | 900.1 | 899.5 | 898.8 | 898.2 | 898.7 | 899.2 |
| 157.5° | 913.6 | 914.4 | 915.2 | 915.6  | 915.2 | 914.4 | 913.6 | 912.8 | 912.0 | 912.6 | 913.3 |
| 160°   | 927.0 | 928.0 | 928.9 | 929.4  | 928.9 | 928.0 | 927.0 | 926.1 | 925.1 | 925.3 | 925.4 |
| 162.5° | 937.5 | 938.6 | 939.7 | 940.3  | 939.8 | 938.8 | 937.9 | 936.9 | 935.9 | 936.1 | 936.3 |
| 165°   | 947.6 | 949.0 | 950.5 | 951.2  | 950.6 | 949.3 | 948.0 | 946.7 | 945.4 | 945.4 | 945.4 |
| 167.5° | 955.1 | 956.8 | 958.4 | 959.2  | 958.5 | 957.0 | 955.5 | 954.1 | 952.6 | 952.8 | 953.0 |
| 170°   | 961.7 | 963.3 | 964.9 | 965.7  | 965.1 | 963.8 | 962.5 | 961.2 | 959.9 | 959.7 | 959.6 |
| 172.5° | 965.7 | 967.4 | 969.2 | 970.1  | 969.5 | 968.2 | 966.9 | 965.6 | 964.3 | 964.1 | 963.9 |
| 175°   | 968.9 | 970.8 | 972.7 | 973.7  | 973.0 | 971.5 | 970.1 | 968.6 | 967.2 | 967.0 | 966.8 |
| 177.5° | 970.3 | 972.3 | 974.2 | 975.2  | 974.5 | 973.2 | 971.9 | 970.6 | 969.3 | 969.0 | 968.7 |
| 180°   | 970.8 | 970.8 | 970.8 | 970.8  | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 |

TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 |
| 2.5°   | 1958.7 | 1951.0 | 1946.4 | 1944.9 | 1931.0 | 1923.4 | 1918.7 | 1915.7 | 1911.0 | 1898.7 | 1888.0 |
| 5°     | 2032.6 | 2011.1 | 2000.3 | 1988.0 | 1966.4 | 1941.8 | 1921.8 | 1909.5 | 1894.1 | 1869.5 | 1846.4 |
| 7.5°   | 2101.8 | 2069.5 | 2048.0 | 2031.1 | 1994.1 | 1954.1 | 1921.8 | 1895.7 | 1866.4 | 1832.6 | 1800.3 |
| 10°    | 2174.2 | 2121.8 | 2094.1 | 2068.0 | 2014.1 | 1961.8 | 1915.7 | 1877.2 | 1835.6 | 1791.0 | 1755.6 |
| 12.5°  | 2231.1 | 2161.8 | 2131.1 | 2094.1 | 2028.0 | 1966.4 | 1908.0 | 1855.6 | 1801.8 | 1754.1 | 1703.3 |
| 15°    | 2297.3 | 2211.1 | 2175.7 | 2128.0 | 2037.2 | 1957.2 | 1881.8 | 1824.9 | 1769.5 | 1698.7 | 1644.9 |
| 17.5°  | 2335.7 | 2235.7 | 2184.9 | 2143.4 | 2044.9 | 1948.0 | 1860.3 | 1789.5 | 1724.9 | 1654.1 | 1597.2 |
| 20°    | 2374.2 | 2260.3 | 2203.4 | 2144.9 | 2028.0 | 1924.9 | 1832.6 | 1747.9 | 1680.2 | 1603.3 | 1544.8 |
| 22.5°  | 2386.5 | 2254.2 | 2194.2 | 2140.3 | 2017.2 | 1901.8 | 1795.6 | 1709.5 | 1631.0 | 1554.1 | 1487.9 |
| 25°    | 2386.5 | 2252.6 | 2181.8 | 2112.6 | 1983.4 | 1864.9 | 1758.7 | 1664.9 | 1577.1 | 1500.2 | 1434.1 |
| 27.5°  | 2361.9 | 2221.9 | 2148.0 | 2084.9 | 1951.0 | 1823.3 | 1714.1 | 1611.0 | 1526.4 | 1449.4 | 1374.0 |
| 30°    | 2331.1 | 2177.2 | 2103.4 | 2028.0 | 1898.7 | 1777.2 | 1658.7 | 1563.3 | 1474.1 | 1386.4 | 1318.6 |
| 32.5°  | 2292.6 | 2129.5 | 2048.0 | 1971.1 | 1834.1 | 1707.9 | 1598.7 | 1504.8 | 1420.2 | 1329.4 | 1254.0 |
| 35°    | 2237.2 | 2058.8 | 1968.0 | 1900.3 | 1767.9 | 1637.2 | 1532.5 | 1440.2 | 1358.7 | 1264.8 | 1183.2 |
| 37.5°  | 2166.5 | 1994.1 | 1901.8 | 1818.7 | 1681.8 | 1561.8 | 1463.3 | 1374.0 | 1294.0 | 1207.9 | 1117.1 |
| 40°    | 2083.4 | 1903.3 | 1823.3 | 1735.6 | 1591.0 | 1477.1 | 1384.8 | 1304.8 | 1224.8 | 1143.2 | 1055.5 |
| 42.5°  | 1989.5 | 1811.0 | 1721.8 | 1637.2 | 1498.7 | 1386.4 | 1300.2 | 1227.9 | 1154.0 | 1078.6 | 984.8  |
| 45°    | 1877.2 | 1709.5 | 1623.3 | 1543.3 | 1409.4 | 1294.0 | 1215.6 | 1146.3 | 1083.2 | 1006.3 | 923.2  |
| 47.5°  | 1751.0 | 1604.8 | 1517.1 | 1431.0 | 1300.2 | 1200.2 | 1123.2 | 1064.8 | 1010.9 | 934.0  | 858.6  |
| 50°    | 1627.9 | 1483.3 | 1412.5 | 1324.8 | 1204.8 | 1110.9 | 1032.5 | 983.2  | 941.7  | 866.3  | 798.6  |
| 52.5°  | 1472.5 | 1363.3 | 1295.6 | 1220.2 | 1104.8 | 1009.4 | 947.8  | 904.7  | 855.5  | 797.0  | 737.0  |
| 55°    | 1335.6 | 1234.0 | 1180.2 | 1109.4 | 995.5  | 910.9  | 858.6  | 818.6  | 780.1  | 727.8  | 680.1  |
| 57.5°  | 1180.2 | 1117.1 | 1063.2 | 1001.7 | 889.4  | 817.0  | 770.9  | 737.0  | 701.6  | 658.6  | 620.1  |
| 60°    | 1017.1 | 987.8  | 935.5  | 886.3  | 790.9  | 727.8  | 689.3  | 658.6  | 624.7  | 589.3  | 557.0  |
| 62.5°  | 872.4  | 855.5  | 824.7  | 786.3  | 697.0  | 643.2  | 604.7  | 581.6  | 557.0  | 524.7  | 493.9  |
| 65°    | 735.5  | 727.8  | 698.6  | 670.9  | 609.3  | 561.6  | 527.8  | 513.9  | 486.2  | 461.6  | 433.9  |
| 67.5°  | 613.9  | 604.7  | 587.8  | 575.5  | 523.2  | 478.5  | 461.6  | 443.1  | 420.1  | 401.6  | 378.5  |
| 70°    | 490.8  | 489.3  | 478.5  | 463.1  | 435.4  | 403.1  | 386.2  | 373.9  | 350.8  | 337.0  | 320.0  |
| 72.5°  | 381.6  | 389.3  | 380.1  | 373.9  | 355.4  | 332.4  | 317.0  | 309.3  | 290.8  | 280.0  | 267.7  |
| 75°    | 284.7  | 290.8  | 295.4  | 284.7  | 280.0  | 269.3  | 255.4  | 247.7  | 238.5  | 223.1  | 218.5  |
| 77.5°  | 193.9  | 207.7  | 207.7  | 210.8  | 212.3  | 206.2  | 195.4  | 189.3  | 178.5  | 175.4  | 169.3  |
| 80°    | 127.7  | 140.0  | 141.6  | 144.6  | 149.3  | 149.3  | 141.6  | 140.0  | 129.2  | 127.7  | 123.1  |
| 82.5°  | 73.9   | 84.6   | 90.8   | 95.4   | 93.9   | 100.0  | 93.9   | 92.3   | 86.2   | 86.2   | 83.1   |
| 85°    | 40.0   | 41.5   | 44.6   | 47.7   | 50.8   | 53.9   | 53.9   | 52.3   | 50.8   | 49.2   | 46.2   |
| 87.5°  | 15.4   | 15.4   | 16.9   | 15.4   | 16.9   | 20.0   | 21.5   | 21.5   | 20.0   | 18.5   | 15.4   |
| 90°    | 12.1   | 10.8   | 10.2   | 9.3    | 7.5    | 5.8    | 4.0    | 2.2    | 4.0    | 5.8    | 7.5    |
| 92.5°  | 11.3   | 10.0   | 9.4    | 9.6    | 9.9    | 10.2   | 10.6   | 10.9   | 10.6   | 10.2   | 9.9    |
| 95°    | 15.5   | 15.3   | 15.2   | 17.9   | 23.4   | 28.9   | 34.4   | 39.9   | 34.4   | 28.9   | 23.4   |
| 97.5°  | 66.8   | 83.7   | 92.2   | 90.4   | 86.9   | 83.3   | 79.8   | 76.2   | 79.8   | 83.3   | 86.9   |
| 100°   | 98.8   | 121.1  | 132.2  | 130.7  | 127.8  | 124.9  | 122.0  | 119.1  | 122.0  | 124.9  | 127.8  |
| 102.5° | 178.6  | 176.7  | 175.7  | 174.7  | 172.8  | 170.9  | 168.9  | 167.0  | 168.9  | 170.9  | 172.8  |
| 105°   | 224.1  | 223.3  | 222.9  | 222.4  | 221.5  | 220.5  | 219.6  | 218.6  | 219.6  | 220.5  | 221.5  |
| 107.5° | 269.6  | 268.5  | 267.9  | 267.7  | 267.2  | 266.7  | 266.3  | 265.8  | 266.3  | 266.7  | 267.2  |
| 110°   | 317.3  | 316.4  | 315.9  | 315.7  | 315.2  | 314.7  | 314.2  | 313.7  | 314.2  | 314.7  | 315.2  |

TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 365.0 | 364.7 | 364.5  | 364.0 | 363.0 | 362.1 | 361.1 | 360.1 | 361.1 | 362.1 | 363.0 |
| 115°   | 410.0 | 410.1 | 410.2  | 410.0 | 409.5 | 409.0 | 408.6 | 408.1 | 408.6 | 409.0 | 409.5 |
| 117.5° | 454.5 | 454.0 | 453.8  | 453.5 | 452.8 | 452.2 | 451.5 | 450.9 | 451.5 | 452.2 | 452.8 |
| 120°   | 497.2 | 497.3 | 497.4  | 497.1 | 496.4 | 495.8 | 495.1 | 494.5 | 495.1 | 495.8 | 496.4 |
| 122.5° | 537.1 | 536.8 | 536.6  | 536.4 | 536.1 | 535.8 | 535.4 | 535.1 | 535.4 | 535.8 | 536.1 |
| 125°   | 576.0 | 576.3 | 576.5  | 576.2 | 575.5 | 574.9 | 574.2 | 573.6 | 574.2 | 574.9 | 575.5 |
| 127.5° | 612.6 | 611.8 | 611.4  | 611.3 | 611.2 | 611.0 | 610.9 | 610.7 | 610.9 | 611.0 | 611.2 |
| 130°   | 647.7 | 647.2 | 647.0  | 646.9 | 646.7 | 646.6 | 646.4 | 646.2 | 646.4 | 646.6 | 646.7 |
| 132.5° | 681.4 | 680.7 | 680.4  | 680.2 | 679.9 | 679.6 | 679.2 | 678.9 | 679.2 | 679.6 | 679.9 |
| 135°   | 711.9 | 711.2 | 710.9  | 711.0 | 711.1 | 711.3 | 711.4 | 711.6 | 711.4 | 711.3 | 711.1 |
| 137.5° | 741.8 | 741.0 | 740.6  | 740.6 | 740.6 | 740.6 | 740.6 | 740.6 | 740.6 | 740.6 | 740.6 |
| 140°   | 770.9 | 770.6 | 770.4  | 770.2 | 769.9 | 769.6 | 769.2 | 768.9 | 769.2 | 769.6 | 769.9 |
| 142.5° | 797.5 | 797.4 | 797.3  | 797.0 | 796.3 | 795.7 | 795.0 | 794.4 | 795.0 | 795.7 | 796.3 |
| 145°   | 822.7 | 822.7 | 822.7  | 822.5 | 822.0 | 821.5 | 821.0 | 820.5 | 821.0 | 821.5 | 822.0 |
| 147.5° | 845.0 | 845.1 | 845.2  | 844.7 | 843.7 | 842.8 | 841.8 | 840.8 | 841.8 | 842.8 | 843.7 |
| 150°   | 866.0 | 866.1 | 866.2  | 865.9 | 865.2 | 864.6 | 863.9 | 863.3 | 863.9 | 864.6 | 865.2 |
| 152.5° | 883.9 | 884.2 | 884.4  | 884.2 | 883.7 | 883.2 | 882.7 | 882.2 | 882.7 | 883.2 | 883.7 |
| 155°   | 899.7 | 900.2 | 900.4  | 900.3 | 900.1 | 900.0 | 899.8 | 899.6 | 899.8 | 900.0 | 900.1 |
| 157.5° | 913.9 | 914.6 | 914.9  | 914.9 | 914.9 | 914.9 | 914.9 | 914.9 | 914.9 | 914.9 | 914.9 |
| 160°   | 925.6 | 925.7 | 925.8  | 926.0 | 926.5 | 927.0 | 927.5 | 928.0 | 927.5 | 927.0 | 926.5 |
| 162.5° | 936.4 | 936.6 | 936.7  | 937.0 | 937.7 | 938.3 | 939.0 | 939.6 | 939.0 | 938.3 | 937.7 |
| 165°   | 945.4 | 945.4 | 945.4  | 945.8 | 946.6 | 947.4 | 948.2 | 949.0 | 948.2 | 947.4 | 946.6 |
| 167.5° | 953.1 | 953.3 | 953.4  | 953.8 | 954.6 | 955.4 | 956.2 | 957.0 | 956.2 | 955.4 | 954.6 |
| 170°   | 959.4 | 959.3 | 959.2  | 959.7 | 960.6 | 961.6 | 962.5 | 963.5 | 962.5 | 961.6 | 960.6 |
| 172.5° | 963.8 | 963.6 | 963.5  | 964.0 | 965.0 | 965.9 | 966.9 | 967.9 | 966.9 | 965.9 | 965.0 |
| 175°   | 966.7 | 966.5 | 966.4  | 966.9 | 967.9 | 968.8 | 969.8 | 970.8 | 969.8 | 968.8 | 967.9 |
| 177.5° | 968.4 | 968.1 | 967.9  | 968.5 | 969.6 | 970.7 | 971.9 | 973.0 | 971.9 | 970.7 | 969.6 |
| 180°   | 970.8 | 970.8 | 970.8  | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 |

TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 |
| 2.5°   | 1878.7 | 1875.7 | 1872.6 | 1860.3 | 1849.5 | 1831.0 | 1815.6 | 1809.5 | 1808.0 | 1809.5 | 1804.9 |
| 5°     | 1824.9 | 1823.3 | 1812.6 | 1791.0 | 1771.0 | 1749.5 | 1734.1 | 1718.7 | 1709.5 | 1709.5 | 1698.7 |
| 7.5°   | 1774.1 | 1763.3 | 1754.1 | 1726.4 | 1703.3 | 1674.1 | 1651.0 | 1637.2 | 1629.5 | 1612.5 | 1612.5 |
| 10°    | 1720.2 | 1704.9 | 1692.5 | 1666.4 | 1632.5 | 1603.3 | 1574.1 | 1557.1 | 1543.3 | 1531.0 | 1526.4 |
| 12.5°  | 1666.4 | 1654.1 | 1631.0 | 1603.3 | 1569.5 | 1532.5 | 1501.8 | 1489.4 | 1457.1 | 1431.0 | 1432.5 |
| 15°    | 1615.6 | 1587.9 | 1577.1 | 1537.1 | 1497.1 | 1461.7 | 1417.1 | 1381.7 | 1355.6 | 1338.7 | 1317.1 |
| 17.5°  | 1558.7 | 1531.0 | 1511.0 | 1477.1 | 1424.8 | 1369.4 | 1326.3 | 1278.6 | 1252.5 | 1223.3 | 1209.4 |
| 20°    | 1495.6 | 1472.5 | 1457.1 | 1403.3 | 1340.2 | 1274.0 | 1226.3 | 1197.1 | 1167.9 | 1146.3 | 1134.0 |
| 22.5°  | 1441.7 | 1412.5 | 1394.0 | 1321.7 | 1252.5 | 1186.3 | 1149.4 | 1124.8 | 1100.2 | 1081.7 | 1075.5 |
| 25°    | 1372.5 | 1355.6 | 1311.0 | 1247.9 | 1163.2 | 1118.6 | 1086.3 | 1054.0 | 1040.1 | 1027.8 | 1014.0 |
| 27.5°  | 1315.6 | 1274.0 | 1243.3 | 1160.2 | 1107.9 | 1057.1 | 1024.8 | 1000.1 | 983.2  | 970.9  | 960.1  |
| 30°    | 1244.8 | 1206.3 | 1163.2 | 1094.0 | 1046.3 | 998.6  | 969.4  | 949.4  | 930.9  | 923.2  | 914.0  |
| 32.5°  | 1170.9 | 1135.5 | 1094.0 | 1038.6 | 980.1  | 943.2  | 920.1  | 898.6  | 886.3  | 878.6  | 867.8  |
| 35°    | 1104.8 | 1060.2 | 1032.5 | 980.1  | 932.4  | 890.9  | 869.4  | 850.9  | 837.0  | 834.0  | 832.4  |
| 37.5°  | 1034.0 | 1000.1 | 974.0  | 920.1  | 880.1  | 844.7  | 824.7  | 804.7  | 797.0  | 795.5  | 789.3  |
| 40°    | 972.4  | 943.2  | 918.6  | 867.8  | 824.7  | 792.4  | 777.0  | 764.7  | 757.0  | 757.0  | 755.5  |
| 42.5°  | 918.6  | 887.8  | 863.2  | 817.0  | 778.6  | 749.3  | 732.4  | 720.1  | 717.0  | 718.6  | 717.0  |
| 45°    | 858.6  | 832.4  | 807.8  | 760.1  | 727.8  | 706.3  | 687.8  | 681.6  | 677.0  | 678.6  | 680.1  |
| 47.5°  | 801.7  | 780.1  | 755.5  | 717.0  | 680.1  | 657.0  | 646.2  | 640.1  | 640.1  | 640.1  | 643.2  |
| 50°    | 750.9  | 726.3  | 704.7  | 664.7  | 630.9  | 612.4  | 603.2  | 595.5  | 597.0  | 598.5  | 600.1  |
| 52.5°  | 690.9  | 669.3  | 653.9  | 613.9  | 589.3  | 566.2  | 555.5  | 557.0  | 555.5  | 555.5  | 558.5  |
| 55°    | 638.6  | 617.0  | 601.6  | 564.7  | 540.1  | 524.7  | 515.5  | 510.8  | 512.4  | 509.3  | 515.5  |
| 57.5°  | 580.1  | 561.6  | 550.8  | 515.5  | 493.9  | 480.1  | 472.4  | 464.7  | 467.8  | 466.2  | 464.7  |
| 60°    | 529.3  | 507.8  | 490.8  | 466.2  | 447.8  | 430.8  | 426.2  | 418.5  | 421.6  | 418.5  | 417.0  |
| 62.5°  | 470.8  | 453.9  | 441.6  | 417.0  | 401.6  | 387.7  | 377.0  | 372.4  | 370.8  | 366.2  | 361.6  |
| 65°    | 412.4  | 403.1  | 390.8  | 366.2  | 350.8  | 340.0  | 333.9  | 329.3  | 327.7  | 315.4  | 301.6  |
| 67.5°  | 358.5  | 352.4  | 340.0  | 321.6  | 307.7  | 297.0  | 287.7  | 280.0  | 270.8  | 261.6  | 253.9  |
| 70°    | 307.7  | 298.5  | 290.8  | 273.9  | 261.6  | 250.8  | 241.6  | 232.3  | 227.7  | 218.5  | 215.4  |
| 72.5°  | 258.5  | 249.3  | 241.6  | 226.2  | 215.4  | 204.6  | 201.6  | 190.8  | 186.2  | 184.6  | 184.6  |
| 75°    | 207.7  | 200.0  | 195.4  | 181.6  | 172.3  | 164.6  | 160.0  | 156.9  | 153.9  | 150.8  | 146.2  |
| 77.5°  | 158.5  | 153.9  | 150.8  | 141.6  | 133.9  | 129.2  | 127.7  | 116.9  | 113.9  | 110.8  | 107.7  |
| 80°    | 115.4  | 113.9  | 110.8  | 103.1  | 100.0  | 89.2   | 89.2   | 86.2   | 84.6   | 84.6   | 84.6   |
| 82.5°  | 78.5   | 75.4   | 73.9   | 66.2   | 64.6   | 63.1   | 61.5   | 60.0   | 61.5   | 60.0   | 61.5   |
| 85°    | 41.5   | 40.0   | 38.5   | 38.5   | 38.5   | 38.5   | 38.5   | 38.5   | 38.5   | 36.9   | 38.5   |
| 87.5°  | 15.4   | 15.4   | 15.4   | 15.4   | 13.8   | 15.4   | 15.4   | 13.8   | 15.4   | 15.4   | 15.4   |
| 90°    | 9.3    | 10.2   | 10.8   | 12.1   | 13.4   | 14.7   | 16.0   | 17.0   | 17.9   | 18.9   | 19.8   |
| 92.5°  | 9.6    | 9.4    | 10.0   | 11.3   | 12.6   | 13.9   | 15.2   | 16.2   | 17.2   | 18.1   | 19.1   |
| 95°    | 17.9   | 15.2   | 15.3   | 15.5   | 15.6   | 15.8   | 16.0   | 17.0   | 17.9   | 18.9   | 19.8   |
| 97.5°  | 90.4   | 92.2   | 83.7   | 66.8   | 49.9   | 32.9   | 16.0   | 16.8   | 17.6   | 18.4   | 19.2   |
| 100°   | 130.7  | 132.2  | 121.1  | 98.8   | 76.5   | 54.2   | 31.9   | 29.2   | 26.4   | 23.7   | 21.0   |
| 102.5° | 174.7  | 175.7  | 176.7  | 178.6  | 180.5  | 182.5  | 184.4  | 148.1  | 111.8  | 75.5   | 39.2   |
| 105°   | 222.4  | 222.9  | 223.3  | 224.1  | 224.9  | 225.7  | 226.5  | 228.0  | 229.4  | 230.9  | 232.4  |
| 107.5° | 267.7  | 267.9  | 268.5  | 269.6  | 270.7  | 271.9  | 273.0  | 273.8  | 274.6  | 275.4  | 276.2  |
| 110°   | 315.7  | 315.9  | 316.4  | 317.3  | 318.3  | 319.2  | 320.2  | 320.5  | 320.9  | 321.2  | 321.5  |

TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 364.0 | 364.5  | 364.7 | 365.0 | 365.3 | 365.7 | 366.0 | 365.8 | 365.6 | 365.5 | 365.3 |
| 115°   | 410.0 | 410.2  | 410.1 | 410.0 | 409.8 | 409.7 | 409.5 | 409.8 | 410.2 | 410.5 | 410.8 |
| 117.5° | 453.5 | 453.8  | 454.0 | 454.5 | 455.0 | 455.5 | 456.0 | 455.8 | 455.7 | 455.5 | 455.4 |
| 120°   | 497.1 | 497.4  | 497.3 | 497.2 | 497.0 | 496.9 | 496.7 | 497.0 | 497.3 | 497.6 | 497.9 |
| 122.5° | 536.4 | 536.6  | 536.8 | 537.1 | 537.4 | 537.7 | 538.0 | 538.2 | 538.4 | 538.5 | 538.7 |
| 125°   | 576.2 | 576.5  | 576.3 | 576.0 | 575.7 | 575.4 | 575.1 | 575.6 | 576.1 | 576.6 | 577.1 |
| 127.5° | 611.3 | 611.4  | 611.8 | 612.6 | 613.4 | 614.2 | 615.0 | 614.8 | 614.7 | 614.5 | 614.4 |
| 130°   | 646.9 | 647.0  | 647.2 | 647.7 | 648.2 | 648.6 | 649.1 | 649.3 | 649.5 | 649.6 | 649.8 |
| 132.5° | 680.2 | 680.4  | 680.7 | 681.4 | 682.0 | 682.7 | 683.3 | 683.5 | 683.6 | 683.8 | 683.9 |
| 135°   | 711.0 | 710.9  | 711.2 | 711.9 | 712.5 | 713.2 | 713.8 | 714.1 | 714.4 | 714.7 | 715.0 |
| 137.5° | 740.6 | 740.6  | 741.0 | 741.8 | 742.7 | 743.5 | 744.3 | 744.6 | 744.9 | 745.2 | 745.5 |
| 140°   | 770.2 | 770.4  | 770.6 | 770.9 | 771.2 | 771.5 | 771.8 | 772.3 | 772.8 | 773.3 | 773.8 |
| 142.5° | 797.0 | 797.3  | 797.4 | 797.5 | 797.7 | 797.8 | 798.0 | 798.3 | 798.6 | 798.9 | 799.2 |
| 145°   | 822.5 | 822.7  | 822.7 | 822.7 | 822.7 | 822.7 | 822.7 | 822.9 | 823.0 | 823.2 | 823.3 |
| 147.5° | 844.7 | 845.2  | 845.1 | 845.0 | 844.8 | 844.7 | 844.5 | 844.7 | 844.8 | 845.0 | 845.1 |
| 150°   | 865.9 | 866.2  | 866.1 | 866.0 | 865.8 | 865.7 | 865.5 | 865.5 | 865.5 | 865.5 | 865.5 |
| 152.5° | 884.2 | 884.4  | 884.2 | 883.9 | 883.6 | 883.2 | 882.9 | 883.2 | 883.6 | 883.9 | 884.2 |
| 155°   | 900.3 | 900.4  | 900.2 | 899.7 | 899.2 | 898.7 | 898.2 | 898.8 | 899.5 | 900.1 | 900.8 |
| 157.5° | 914.9 | 914.9  | 914.6 | 913.9 | 913.3 | 912.6 | 912.0 | 912.8 | 913.6 | 914.4 | 915.2 |
| 160°   | 926.0 | 925.8  | 925.7 | 925.6 | 925.4 | 925.3 | 925.1 | 926.1 | 927.0 | 928.0 | 928.9 |
| 162.5° | 937.0 | 936.7  | 936.6 | 936.4 | 936.3 | 936.1 | 935.9 | 936.9 | 937.9 | 938.8 | 939.8 |
| 165°   | 945.8 | 945.4  | 945.4 | 945.4 | 945.4 | 945.4 | 945.4 | 946.7 | 948.0 | 949.3 | 950.6 |
| 167.5° | 953.8 | 953.4  | 953.3 | 953.1 | 953.0 | 952.8 | 952.6 | 954.1 | 955.5 | 957.0 | 958.5 |
| 170°   | 959.7 | 959.2  | 959.3 | 959.4 | 959.6 | 959.7 | 959.9 | 961.2 | 962.5 | 963.8 | 965.1 |
| 172.5° | 964.0 | 963.5  | 963.6 | 963.8 | 963.9 | 964.1 | 964.3 | 965.6 | 966.9 | 968.2 | 969.5 |
| 175°   | 966.9 | 966.4  | 966.5 | 966.7 | 966.8 | 967.0 | 967.2 | 968.6 | 970.1 | 971.5 | 973.0 |
| 177.5° | 968.5 | 967.9  | 968.1 | 968.4 | 968.7 | 969.0 | 969.3 | 970.6 | 971.9 | 973.2 | 974.5 |
| 180°   | 970.8 | 970.8  | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 |

TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 |
| 2.5°   | 1804.9 | 1811.0 | 1803.3 | 1808.0 | 1797.2 | 1795.6 | 1797.2 | 1797.2 | 1798.7 | 1800.3 | 1801.8 |
| 5°     | 1703.3 | 1701.8 | 1692.5 | 1686.4 | 1681.8 | 1686.4 | 1689.5 | 1692.5 | 1689.5 | 1692.5 | 1694.1 |
| 7.5°   | 1607.9 | 1603.3 | 1598.7 | 1587.9 | 1591.0 | 1587.9 | 1597.2 | 1592.5 | 1592.5 | 1600.2 | 1606.4 |
| 10°    | 1523.3 | 1514.1 | 1511.0 | 1498.7 | 1489.4 | 1487.9 | 1498.7 | 1503.3 | 1507.9 | 1511.0 | 1523.3 |
| 12.5°  | 1414.0 | 1400.2 | 1389.4 | 1394.0 | 1367.9 | 1378.7 | 1381.7 | 1375.6 | 1394.0 | 1415.6 | 1403.3 |
| 15°    | 1297.1 | 1298.6 | 1277.1 | 1269.4 | 1247.9 | 1254.0 | 1255.6 | 1271.0 | 1286.3 | 1284.8 | 1303.3 |
| 17.5°  | 1210.9 | 1201.7 | 1183.2 | 1181.7 | 1172.5 | 1177.1 | 1175.6 | 1187.9 | 1183.2 | 1190.9 | 1206.3 |
| 20°    | 1130.9 | 1124.8 | 1109.4 | 1103.2 | 1106.3 | 1103.2 | 1104.8 | 1106.3 | 1110.9 | 1127.9 | 1124.8 |
| 22.5°  | 1067.8 | 1060.2 | 1060.2 | 1052.5 | 1043.2 | 1040.1 | 1047.8 | 1052.5 | 1058.6 | 1061.7 | 1069.4 |
| 25°    | 1012.5 | 1006.3 | 998.6  | 994.0  | 986.3  | 987.8  | 992.4  | 998.6  | 1003.2 | 1009.4 | 1015.5 |
| 27.5°  | 955.5  | 955.5  | 947.8  | 946.3  | 943.2  | 941.7  | 947.8  | 950.9  | 950.9  | 955.5  | 961.7  |
| 30°    | 910.9  | 910.9  | 903.2  | 901.7  | 900.1  | 900.1  | 904.7  | 906.3  | 907.8  | 912.4  | 915.5  |
| 32.5°  | 867.8  | 866.3  | 863.2  | 864.7  | 863.2  | 864.7  | 864.7  | 866.3  | 869.4  | 870.9  | 877.0  |
| 35°    | 827.8  | 829.3  | 826.3  | 826.3  | 824.7  | 826.3  | 829.3  | 830.9  | 832.4  | 835.5  | 835.5  |
| 37.5°  | 789.3  | 792.4  | 790.9  | 795.5  | 795.5  | 795.5  | 795.5  | 798.6  | 798.6  | 798.6  | 797.0  |
| 40°    | 755.5  | 755.5  | 754.0  | 757.0  | 760.1  | 760.1  | 761.6  | 761.6  | 763.2  | 763.2  | 761.6  |
| 42.5°  | 717.0  | 720.1  | 724.7  | 726.3  | 729.3  | 727.8  | 732.4  | 730.9  | 732.4  | 729.3  | 726.3  |
| 45°    | 681.6  | 681.6  | 687.8  | 693.9  | 695.5  | 695.5  | 695.5  | 698.6  | 695.5  | 690.9  | 689.3  |
| 47.5°  | 643.2  | 646.2  | 649.3  | 657.0  | 658.6  | 658.6  | 658.6  | 658.6  | 655.5  | 655.5  | 655.5  |
| 50°    | 604.7  | 606.2  | 607.8  | 610.9  | 615.5  | 613.9  | 613.9  | 613.9  | 620.1  | 613.9  | 615.5  |
| 52.5°  | 558.5  | 560.1  | 561.6  | 567.8  | 566.2  | 566.2  | 567.8  | 567.8  | 572.4  | 570.9  | 567.8  |
| 55°    | 512.4  | 512.4  | 515.5  | 515.5  | 515.5  | 518.5  | 520.1  | 523.2  | 521.6  | 523.2  | 524.7  |
| 57.5°  | 466.2  | 463.1  | 461.6  | 461.6  | 466.2  | 464.7  | 466.2  | 466.2  | 472.4  | 475.5  | 477.0  |
| 60°    | 412.4  | 412.4  | 410.8  | 401.6  | 401.6  | 400.1  | 404.7  | 407.8  | 410.8  | 424.7  | 423.1  |
| 62.5°  | 357.0  | 350.8  | 344.7  | 346.2  | 337.0  | 341.6  | 338.5  | 341.6  | 350.8  | 361.6  | 363.1  |
| 65°    | 301.6  | 297.0  | 290.8  | 289.3  | 286.2  | 290.8  | 289.3  | 290.8  | 295.4  | 301.6  | 309.3  |
| 67.5°  | 252.3  | 250.8  | 247.7  | 246.2  | 246.2  | 246.2  | 249.3  | 249.3  | 250.8  | 255.4  | 260.0  |
| 70°    | 215.4  | 213.9  | 215.4  | 212.3  | 213.9  | 212.3  | 213.9  | 215.4  | 217.0  | 218.5  | 223.1  |
| 72.5°  | 181.6  | 181.6  | 181.6  | 178.5  | 181.6  | 180.0  | 180.0  | 181.6  | 183.1  | 184.6  | 187.7  |
| 75°    | 144.6  | 141.6  | 138.5  | 135.4  | 133.9  | 136.9  | 138.5  | 136.9  | 141.6  | 147.7  | 147.7  |
| 77.5°  | 109.2  | 107.7  | 107.7  | 107.7  | 109.2  | 107.7  | 110.8  | 109.2  | 110.8  | 110.8  | 113.9  |
| 80°    | 84.6   | 83.1   | 84.6   | 84.6   | 83.1   | 86.2   | 84.6   | 84.6   | 86.2   | 87.7   | 86.2   |
| 82.5°  | 61.5   | 63.1   | 61.5   | 61.5   | 61.5   | 64.6   | 61.5   | 61.5   | 61.5   | 63.1   | 63.1   |
| 85°    | 38.5   | 38.5   | 38.5   | 38.5   | 40.0   | 38.5   | 40.0   | 38.5   | 41.5   | 40.0   | 40.0   |
| 87.5°  | 13.8   | 15.4   | 16.9   | 16.9   | 16.9   | 16.9   | 15.4   | 16.9   | 18.5   | 16.9   | 18.5   |
| 90°    | 20.3   | 20.5   | 20.8   | 21.1   | 21.5   | 21.8   | 21.5   | 21.1   | 20.8   | 20.5   | 20.3   |
| 92.5°  | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   | 19.6   |
| 95°    | 20.3   | 20.4   | 20.6   | 20.7   | 20.9   | 21.1   | 20.9   | 20.7   | 20.6   | 20.4   | 20.3   |
| 97.5°  | 19.6   | 19.7   | 19.8   | 20.0   | 20.1   | 20.3   | 20.1   | 20.0   | 19.8   | 19.7   | 19.6   |
| 100°   | 19.6   | 19.7   | 19.8   | 20.0   | 20.1   | 20.3   | 20.1   | 20.0   | 19.8   | 19.7   | 19.6   |
| 102.5° | 21.1   | 21.1   | 21.1   | 21.1   | 21.1   | 21.1   | 21.1   | 21.1   | 21.1   | 21.1   | 21.1   |
| 105°   | 233.1  | 230.2  | 224.4  | 218.5  | 212.7  | 206.9  | 212.7  | 218.5  | 224.4  | 230.2  | 233.1  |
| 107.5° | 276.6  | 276.9  | 277.6  | 278.2  | 278.9  | 279.5  | 278.9  | 278.2  | 277.6  | 276.9  | 276.6  |
| 110°   | 321.7  | 321.9  | 322.4  | 322.9  | 323.3  | 323.8  | 323.3  | 322.9  | 322.4  | 321.9  | 321.7  |

TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 365.2  | 365.5 | 366.2 | 366.8 | 367.5 | 368.1 | 367.5 | 366.8 | 366.2 | 365.5 | 365.2  |
| 115°   | 411.0  | 411.0 | 411.0 | 411.0 | 411.0 | 411.0 | 411.0 | 411.0 | 411.0 | 411.0 | 411.0  |
| 117.5° | 455.3  | 455.3 | 455.3 | 455.3 | 455.3 | 455.3 | 455.3 | 455.3 | 455.3 | 455.3 | 455.3  |
| 120°   | 498.1  | 497.9 | 497.6 | 497.3 | 497.0 | 496.7 | 497.0 | 497.3 | 497.6 | 497.9 | 498.1  |
| 122.5° | 538.8  | 538.6 | 538.3 | 538.0 | 537.6 | 537.3 | 537.6 | 538.0 | 538.3 | 538.6 | 538.8  |
| 125°   | 577.3  | 577.4 | 577.5 | 577.7 | 577.8 | 578.0 | 577.8 | 577.7 | 577.5 | 577.4 | 577.3  |
| 127.5° | 614.3  | 614.2 | 614.1 | 613.9 | 613.8 | 613.6 | 613.8 | 613.9 | 614.1 | 614.2 | 614.3  |
| 130°   | 649.9  | 649.9 | 649.9 | 649.9 | 649.9 | 649.9 | 649.9 | 649.9 | 649.9 | 649.9 | 649.9  |
| 132.5° | 684.0  | 683.9 | 683.8 | 683.6 | 683.5 | 683.3 | 683.5 | 683.6 | 683.8 | 683.9 | 684.0  |
| 135°   | 715.2  | 715.4 | 715.7 | 716.0 | 716.4 | 716.7 | 716.4 | 716.0 | 715.7 | 715.4 | 715.2  |
| 137.5° | 745.7  | 745.6 | 745.5 | 745.3 | 745.2 | 745.0 | 745.2 | 745.3 | 745.5 | 745.6 | 745.7  |
| 140°   | 774.0  | 774.1 | 774.3 | 774.4 | 774.6 | 774.8 | 774.6 | 774.4 | 774.3 | 774.1 | 774.0  |
| 142.5° | 799.4  | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 | 799.4 | 799.4  |
| 145°   | 823.4  | 823.6 | 823.9 | 824.2 | 824.6 | 824.9 | 824.6 | 824.2 | 823.9 | 823.6 | 823.4  |
| 147.5° | 845.2  | 845.3 | 845.4 | 845.6 | 845.7 | 845.9 | 845.7 | 845.6 | 845.4 | 845.3 | 845.2  |
| 150°   | 865.5  | 865.6 | 865.7 | 865.9 | 866.0 | 866.2 | 866.0 | 865.9 | 865.7 | 865.6 | 865.5  |
| 152.5° | 884.4  | 884.3 | 884.2 | 884.0 | 883.9 | 883.7 | 883.9 | 884.0 | 884.2 | 884.3 | 884.4  |
| 155°   | 901.1  | 900.9 | 900.4 | 899.9 | 899.4 | 898.9 | 899.4 | 899.9 | 900.4 | 900.9 | 901.1  |
| 157.5° | 915.6  | 915.2 | 914.4 | 913.6 | 912.8 | 912.0 | 912.8 | 913.6 | 914.4 | 915.2 | 915.6  |
| 160°   | 929.4  | 928.9 | 928.0 | 927.0 | 926.1 | 925.1 | 926.1 | 927.0 | 928.0 | 928.9 | 929.4  |
| 162.5° | 940.3  | 939.7 | 938.6 | 937.5 | 936.3 | 935.2 | 936.3 | 937.5 | 938.6 | 939.7 | 940.3  |
| 165°   | 951.2  | 950.5 | 949.0 | 947.6 | 946.1 | 944.7 | 946.1 | 947.6 | 949.0 | 950.5 | 951.2  |
| 167.5° | 959.2  | 958.4 | 956.8 | 955.1 | 953.5 | 951.9 | 953.5 | 955.1 | 956.8 | 958.4 | 959.2  |
| 170°   | 965.7  | 964.9 | 963.3 | 961.7 | 960.1 | 958.5 | 960.1 | 961.7 | 963.3 | 964.9 | 965.7  |
| 172.5° | 970.1  | 969.2 | 967.4 | 965.7 | 963.9 | 962.1 | 963.9 | 965.7 | 967.4 | 969.2 | 970.1  |
| 175°   | 973.7  | 972.7 | 970.8 | 968.9 | 966.9 | 965.0 | 966.9 | 968.9 | 970.8 | 972.7 | 973.7  |
| 177.5° | 975.2  | 974.2 | 972.3 | 970.3 | 968.4 | 966.4 | 968.4 | 970.3 | 972.3 | 974.2 | 975.2  |
| 180°   | 970.8  | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8  |

TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 | 1909.5 |
| 2.5°   | 1808.0 | 1815.6 | 1812.6 | 1801.8 | 1806.4 | 1815.6 | 1824.9 | 1837.2 | 1844.9 | 1851.0 | 1854.1 |
| 5°     | 1701.8 | 1715.6 | 1712.6 | 1712.6 | 1718.7 | 1734.1 | 1749.5 | 1775.6 | 1784.9 | 1795.6 | 1811.0 |
| 7.5°   | 1607.9 | 1618.7 | 1627.9 | 1631.0 | 1640.2 | 1660.2 | 1680.2 | 1709.5 | 1732.6 | 1744.9 | 1754.1 |
| 10°    | 1524.8 | 1532.5 | 1546.4 | 1554.1 | 1563.3 | 1587.9 | 1617.2 | 1647.9 | 1671.0 | 1692.5 | 1704.9 |
| 12.5°  | 1418.7 | 1449.4 | 1467.9 | 1480.2 | 1492.5 | 1529.4 | 1552.5 | 1586.4 | 1614.1 | 1634.1 | 1652.5 |
| 15°    | 1300.2 | 1337.1 | 1347.9 | 1395.6 | 1426.4 | 1455.6 | 1491.0 | 1531.0 | 1557.1 | 1580.2 | 1604.8 |
| 17.5°  | 1200.2 | 1226.3 | 1238.6 | 1289.4 | 1315.6 | 1361.7 | 1412.5 | 1463.3 | 1503.3 | 1520.2 | 1544.8 |
| 20°    | 1137.1 | 1150.9 | 1175.6 | 1192.5 | 1220.2 | 1274.0 | 1329.4 | 1391.0 | 1451.0 | 1467.9 | 1492.5 |
| 22.5°  | 1072.5 | 1090.9 | 1107.9 | 1130.9 | 1152.5 | 1189.4 | 1244.8 | 1312.5 | 1377.1 | 1407.9 | 1437.1 |
| 25°    | 1014.0 | 1032.5 | 1043.2 | 1067.8 | 1087.8 | 1124.8 | 1163.2 | 1232.5 | 1309.4 | 1335.6 | 1381.7 |
| 27.5°  | 967.8  | 978.6  | 997.1  | 1007.8 | 1030.9 | 1064.8 | 1100.2 | 1152.5 | 1227.9 | 1272.5 | 1317.1 |
| 30°    | 921.7  | 929.4  | 944.8  | 960.1  | 977.1  | 1000.1 | 1040.1 | 1090.9 | 1160.2 | 1198.6 | 1243.3 |
| 32.5°  | 875.5  | 887.8  | 897.1  | 907.8  | 926.3  | 954.0  | 981.7  | 1030.9 | 1086.3 | 1129.4 | 1174.0 |
| 35°    | 837.0  | 841.7  | 854.0  | 866.3  | 878.6  | 903.2  | 932.4  | 980.1  | 1029.4 | 1063.2 | 1103.2 |
| 37.5°  | 795.5  | 803.2  | 812.4  | 817.0  | 837.0  | 852.4  | 883.2  | 920.1  | 978.6  | 1000.1 | 1040.1 |
| 40°    | 763.2  | 761.6  | 770.9  | 778.6  | 787.8  | 812.4  | 830.9  | 870.9  | 917.1  | 950.9  | 975.5  |
| 42.5°  | 723.2  | 723.2  | 726.3  | 735.5  | 747.8  | 763.2  | 784.7  | 818.6  | 866.3  | 890.9  | 920.1  |
| 45°    | 690.9  | 686.3  | 687.8  | 693.9  | 701.6  | 717.0  | 738.6  | 767.8  | 815.5  | 835.5  | 866.3  |
| 47.5°  | 652.4  | 647.8  | 647.8  | 653.9  | 660.1  | 670.9  | 687.8  | 721.6  | 760.1  | 786.3  | 809.3  |
| 50°    | 609.3  | 610.9  | 609.3  | 613.9  | 617.0  | 627.8  | 646.2  | 673.9  | 709.3  | 730.9  | 757.0  |
| 52.5°  | 569.3  | 566.2  | 564.7  | 567.8  | 573.9  | 581.6  | 601.6  | 626.2  | 660.1  | 681.6  | 704.7  |
| 55°    | 520.1  | 523.2  | 523.2  | 523.2  | 532.4  | 535.5  | 550.8  | 575.5  | 609.3  | 626.2  | 647.8  |
| 57.5°  | 475.5  | 473.9  | 477.0  | 475.5  | 483.1  | 493.9  | 506.2  | 524.7  | 558.5  | 575.5  | 595.5  |
| 60°    | 426.2  | 427.8  | 429.3  | 429.3  | 435.4  | 446.2  | 460.1  | 477.0  | 504.7  | 521.6  | 540.1  |
| 62.5°  | 366.2  | 373.9  | 381.6  | 384.7  | 393.9  | 401.6  | 410.8  | 429.3  | 453.9  | 466.2  | 483.1  |
| 65°    | 309.3  | 320.0  | 330.8  | 338.5  | 344.7  | 352.4  | 364.7  | 381.6  | 401.6  | 413.9  | 430.8  |
| 67.5°  | 260.0  | 267.7  | 281.6  | 289.3  | 301.6  | 310.8  | 318.5  | 332.4  | 357.0  | 361.6  | 375.4  |
| 70°    | 224.6  | 227.7  | 233.9  | 240.0  | 253.9  | 261.6  | 270.8  | 284.7  | 303.1  | 313.9  | 321.6  |
| 72.5°  | 189.3  | 190.8  | 193.9  | 200.0  | 206.2  | 215.4  | 226.2  | 238.5  | 255.4  | 260.0  | 270.8  |
| 75°    | 150.8  | 160.0  | 160.0  | 164.6  | 169.3  | 173.9  | 183.1  | 195.4  | 206.2  | 213.9  | 220.0  |
| 77.5°  | 112.3  | 116.9  | 120.0  | 127.7  | 133.9  | 138.5  | 144.6  | 153.9  | 160.0  | 166.2  | 170.8  |
| 80°    | 87.7   | 89.2   | 90.8   | 90.8   | 93.9   | 100.0  | 106.2  | 112.3  | 120.0  | 123.1  | 127.7  |
| 82.5°  | 64.6   | 64.6   | 64.6   | 67.7   | 69.2   | 70.8   | 70.8   | 73.9   | 81.6   | 84.6   | 89.2   |
| 85°    | 41.5   | 41.5   | 41.5   | 41.5   | 43.1   | 44.6   | 46.2   | 47.7   | 47.7   | 47.7   | 50.8   |
| 87.5°  | 16.9   | 20.0   | 18.5   | 20.0   | 20.0   | 20.0   | 20.0   | 21.5   | 21.5   | 23.1   | 23.1   |
| 90°    | 19.8   | 18.9   | 17.9   | 17.0   | 16.0   | 14.7   | 13.4   | 12.1   | 10.8   | 10.2   | 9.3    |
| 92.5°  | 19.1   | 18.1   | 17.2   | 16.2   | 15.2   | 13.9   | 12.6   | 11.3   | 10.0   | 9.4    | 9.6    |
| 95°    | 19.8   | 18.9   | 17.9   | 17.0   | 16.0   | 15.8   | 15.6   | 15.5   | 15.3   | 15.2   | 17.9   |
| 97.5°  | 19.2   | 18.4   | 17.6   | 16.8   | 16.0   | 32.9   | 49.9   | 66.8   | 83.7   | 92.2   | 90.4   |
| 100°   | 21.0   | 23.7   | 26.4   | 29.2   | 31.9   | 54.2   | 76.5   | 98.8   | 121.1  | 132.2  | 130.7  |
| 102.5° | 39.2   | 75.5   | 111.8  | 148.1  | 184.4  | 182.5  | 180.5  | 178.6  | 176.7  | 175.7  | 174.7  |
| 105°   | 232.4  | 230.9  | 229.4  | 228.0  | 226.5  | 225.7  | 224.9  | 224.1  | 223.3  | 222.9  | 222.4  |
| 107.5° | 276.2  | 275.4  | 274.6  | 273.8  | 273.0  | 271.9  | 270.7  | 269.6  | 268.5  | 267.9  | 267.7  |
| 110°   | 321.5  | 321.2  | 320.9  | 320.5  | 320.2  | 319.2  | 318.3  | 317.3  | 316.4  | 315.9  | 315.7  |

TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 365.3 | 365.5 | 365.6 | 365.8 | 366.0 | 365.7 | 365.3 | 365.0 | 364.7 | 364.5  | 364.0 |
| 115°   | 410.8 | 410.5 | 410.2 | 409.8 | 409.5 | 409.7 | 409.8 | 410.0 | 410.1 | 410.2  | 410.0 |
| 117.5° | 455.4 | 455.5 | 455.7 | 455.8 | 456.0 | 455.5 | 455.0 | 454.5 | 454.0 | 453.8  | 453.5 |
| 120°   | 497.9 | 497.6 | 497.3 | 497.0 | 496.7 | 496.9 | 497.0 | 497.2 | 497.3 | 497.4  | 497.1 |
| 122.5° | 538.7 | 538.5 | 538.4 | 538.2 | 538.0 | 537.7 | 537.4 | 537.1 | 536.8 | 536.6  | 536.4 |
| 125°   | 577.1 | 576.6 | 576.1 | 575.6 | 575.1 | 575.4 | 575.7 | 576.0 | 576.3 | 576.5  | 576.2 |
| 127.5° | 614.4 | 614.5 | 614.7 | 614.8 | 615.0 | 614.2 | 613.4 | 612.6 | 611.8 | 611.4  | 611.3 |
| 130°   | 649.8 | 649.6 | 649.5 | 649.3 | 649.1 | 648.6 | 648.2 | 647.7 | 647.2 | 647.0  | 646.9 |
| 132.5° | 683.9 | 683.8 | 683.6 | 683.5 | 683.3 | 682.7 | 682.0 | 681.4 | 680.7 | 680.4  | 680.2 |
| 135°   | 715.0 | 714.7 | 714.4 | 714.1 | 713.8 | 713.2 | 712.5 | 711.9 | 711.2 | 710.9  | 711.0 |
| 137.5° | 745.5 | 745.2 | 744.9 | 744.6 | 744.3 | 743.5 | 742.7 | 741.8 | 741.0 | 740.6  | 740.6 |
| 140°   | 773.8 | 773.3 | 772.8 | 772.3 | 771.8 | 771.5 | 771.2 | 770.9 | 770.6 | 770.4  | 770.2 |
| 142.5° | 799.2 | 798.9 | 798.6 | 798.3 | 798.0 | 797.8 | 797.7 | 797.5 | 797.4 | 797.3  | 797.0 |
| 145°   | 823.3 | 823.2 | 823.0 | 822.9 | 822.7 | 822.7 | 822.7 | 822.7 | 822.7 | 822.7  | 822.5 |
| 147.5° | 845.1 | 845.0 | 844.8 | 844.7 | 844.5 | 844.7 | 844.8 | 845.0 | 845.1 | 845.2  | 844.7 |
| 150°   | 865.5 | 865.5 | 865.5 | 865.5 | 865.5 | 865.7 | 865.8 | 866.0 | 866.1 | 866.2  | 865.9 |
| 152.5° | 884.2 | 883.9 | 883.6 | 883.2 | 882.9 | 883.2 | 883.6 | 883.9 | 884.2 | 884.4  | 884.2 |
| 155°   | 900.8 | 900.1 | 899.5 | 898.8 | 898.2 | 898.7 | 899.2 | 899.7 | 900.2 | 900.4  | 900.3 |
| 157.5° | 915.2 | 914.4 | 913.6 | 912.8 | 912.0 | 912.6 | 913.3 | 913.9 | 914.6 | 914.9  | 914.9 |
| 160°   | 928.9 | 928.0 | 927.0 | 926.1 | 925.1 | 925.3 | 925.4 | 925.6 | 925.7 | 925.8  | 926.0 |
| 162.5° | 939.8 | 938.8 | 937.9 | 936.9 | 935.9 | 936.1 | 936.3 | 936.4 | 936.6 | 936.7  | 937.0 |
| 165°   | 950.6 | 949.3 | 948.0 | 946.7 | 945.4 | 945.4 | 945.4 | 945.4 | 945.4 | 945.4  | 945.8 |
| 167.5° | 958.5 | 957.0 | 955.5 | 954.1 | 952.6 | 952.8 | 953.0 | 953.1 | 953.3 | 953.4  | 953.8 |
| 170°   | 965.1 | 963.8 | 962.5 | 961.2 | 959.9 | 959.7 | 959.6 | 959.4 | 959.3 | 959.2  | 959.7 |
| 172.5° | 969.5 | 968.2 | 966.9 | 965.6 | 964.3 | 964.1 | 963.9 | 963.8 | 963.6 | 963.5  | 964.0 |
| 175°   | 973.0 | 971.5 | 970.1 | 968.6 | 967.2 | 967.0 | 966.8 | 966.7 | 966.5 | 966.4  | 966.9 |
| 177.5° | 974.5 | 973.2 | 971.9 | 970.6 | 969.3 | 969.0 | 968.7 | 968.4 | 968.1 | 967.9  | 968.5 |
| 180°   | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8 | 970.8  | 970.8 |

TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1909.5 | 1909.5 | 1909.5 | 1909.5 |
| 2.5°   | 1866.4 | 1875.7 | 1891.0 | 1912.6 |
| 5°     | 1823.3 | 1849.5 | 1874.1 | 1906.4 |
| 7.5°   | 1784.9 | 1815.6 | 1849.5 | 1895.7 |
| 10°    | 1740.2 | 1778.7 | 1821.8 | 1878.7 |
| 12.5°  | 1687.9 | 1741.8 | 1791.0 | 1852.6 |
| 15°    | 1649.5 | 1689.5 | 1752.6 | 1824.9 |
| 17.5°  | 1595.6 | 1649.5 | 1712.6 | 1794.1 |
| 20°    | 1544.8 | 1601.8 | 1672.5 | 1757.2 |
| 22.5°  | 1491.0 | 1555.6 | 1626.4 | 1717.2 |
| 25°    | 1435.6 | 1504.8 | 1575.6 | 1672.5 |
| 27.5°  | 1384.8 | 1447.9 | 1527.9 | 1626.4 |
| 30°    | 1323.3 | 1395.6 | 1472.5 | 1575.6 |
| 32.5°  | 1263.3 | 1338.7 | 1417.1 | 1520.2 |
| 35°    | 1198.6 | 1274.0 | 1360.2 | 1458.7 |
| 37.5°  | 1135.5 | 1218.6 | 1297.1 | 1392.5 |
| 40°    | 1066.3 | 1152.5 | 1234.0 | 1331.0 |
| 42.5°  | 998.6  | 1087.8 | 1169.4 | 1252.5 |
| 45°    | 935.5  | 1023.2 | 1097.1 | 1175.6 |
| 47.5°  | 875.5  | 954.0  | 1029.4 | 1100.2 |
| 50°    | 817.0  | 883.2  | 952.4  | 1010.9 |
| 52.5°  | 755.5  | 818.6  | 874.0  | 926.3  |
| 55°    | 700.1  | 749.3  | 798.6  | 846.3  |
| 57.5°  | 633.9  | 683.2  | 726.3  | 763.2  |
| 60°    | 578.5  | 609.3  | 650.9  | 689.3  |
| 62.5°  | 515.5  | 550.8  | 583.2  | 607.8  |
| 65°    | 453.9  | 484.7  | 509.3  | 530.8  |
| 67.5°  | 401.6  | 420.1  | 438.5  | 461.6  |
| 70°    | 338.5  | 353.9  | 375.4  | 392.4  |
| 72.5°  | 284.7  | 297.0  | 307.7  | 327.7  |
| 75°    | 230.8  | 241.6  | 247.7  | 266.2  |
| 77.5°  | 178.5  | 189.3  | 193.9  | 204.6  |
| 80°    | 136.9  | 138.5  | 144.6  | 153.9  |
| 82.5°  | 93.9   | 96.9   | 98.5   | 106.2  |
| 85°    | 53.9   | 61.5   | 60.0   | 63.1   |
| 87.5°  | 23.1   | 24.6   | 27.7   | 30.8   |
| 90°    | 7.5    | 5.8    | 4.0    | 2.2    |
| 92.5°  | 9.9    | 10.2   | 10.6   | 10.9   |
| 95°    | 23.4   | 28.9   | 34.4   | 39.9   |
| 97.5°  | 86.9   | 83.3   | 79.8   | 76.2   |
| 100°   | 127.8  | 124.9  | 122.0  | 119.1  |
| 102.5° | 172.8  | 170.9  | 168.9  | 167.0  |
| 105°   | 221.5  | 220.5  | 219.6  | 218.6  |
| 107.5° | 267.2  | 266.7  | 266.3  | 265.8  |
| 110°   | 315.2  | 314.7  | 314.2  | 313.7  |



TEST NUMBER: P1034016

CATALOG NUMBER: S124RDIW-B1195D770UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 363.0 | 362.1 | 361.1 | 360.1 |
| 115°   | 409.5 | 409.0 | 408.6 | 408.1 |
| 117.5° | 452.8 | 452.2 | 451.5 | 450.9 |
| 120°   | 496.4 | 495.8 | 495.1 | 494.5 |
| 122.5° | 536.1 | 535.8 | 535.4 | 535.1 |
| 125°   | 575.5 | 574.9 | 574.2 | 573.6 |
| 127.5° | 611.2 | 611.0 | 610.9 | 610.7 |
| 130°   | 646.7 | 646.6 | 646.4 | 646.2 |
| 132.5° | 679.9 | 679.6 | 679.2 | 678.9 |
| 135°   | 711.1 | 711.3 | 711.4 | 711.6 |
| 137.5° | 740.6 | 740.6 | 740.6 | 740.6 |
| 140°   | 769.9 | 769.6 | 769.2 | 768.9 |
| 142.5° | 796.3 | 795.7 | 795.0 | 794.4 |
| 145°   | 822.0 | 821.5 | 821.0 | 820.5 |
| 147.5° | 843.7 | 842.8 | 841.8 | 840.8 |
| 150°   | 865.2 | 864.6 | 863.9 | 863.3 |
| 152.5° | 883.7 | 883.2 | 882.7 | 882.2 |
| 155°   | 900.1 | 900.0 | 899.8 | 899.6 |
| 157.5° | 914.9 | 914.9 | 914.9 | 914.9 |
| 160°   | 926.5 | 927.0 | 927.5 | 928.0 |
| 162.5° | 937.7 | 938.3 | 939.0 | 939.6 |
| 165°   | 946.6 | 947.4 | 948.2 | 949.0 |
| 167.5° | 954.6 | 955.4 | 956.2 | 957.0 |
| 170°   | 960.6 | 961.6 | 962.5 | 963.5 |
| 172.5° | 965.0 | 965.9 | 966.9 | 967.9 |
| 175°   | 967.9 | 968.8 | 969.8 | 970.8 |
| 177.5° | 969.6 | 970.7 | 971.9 | 973.0 |
| 180°   | 970.8 | 970.8 | 970.8 | 970.8 |

(END OF REPORT)