

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P332991-935

Luminaire Tested: **S124RDIP-S1195D590U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332991-935  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-6,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S124RDIP-S1195D590U935-4F0-1E-UDD-A  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 590 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

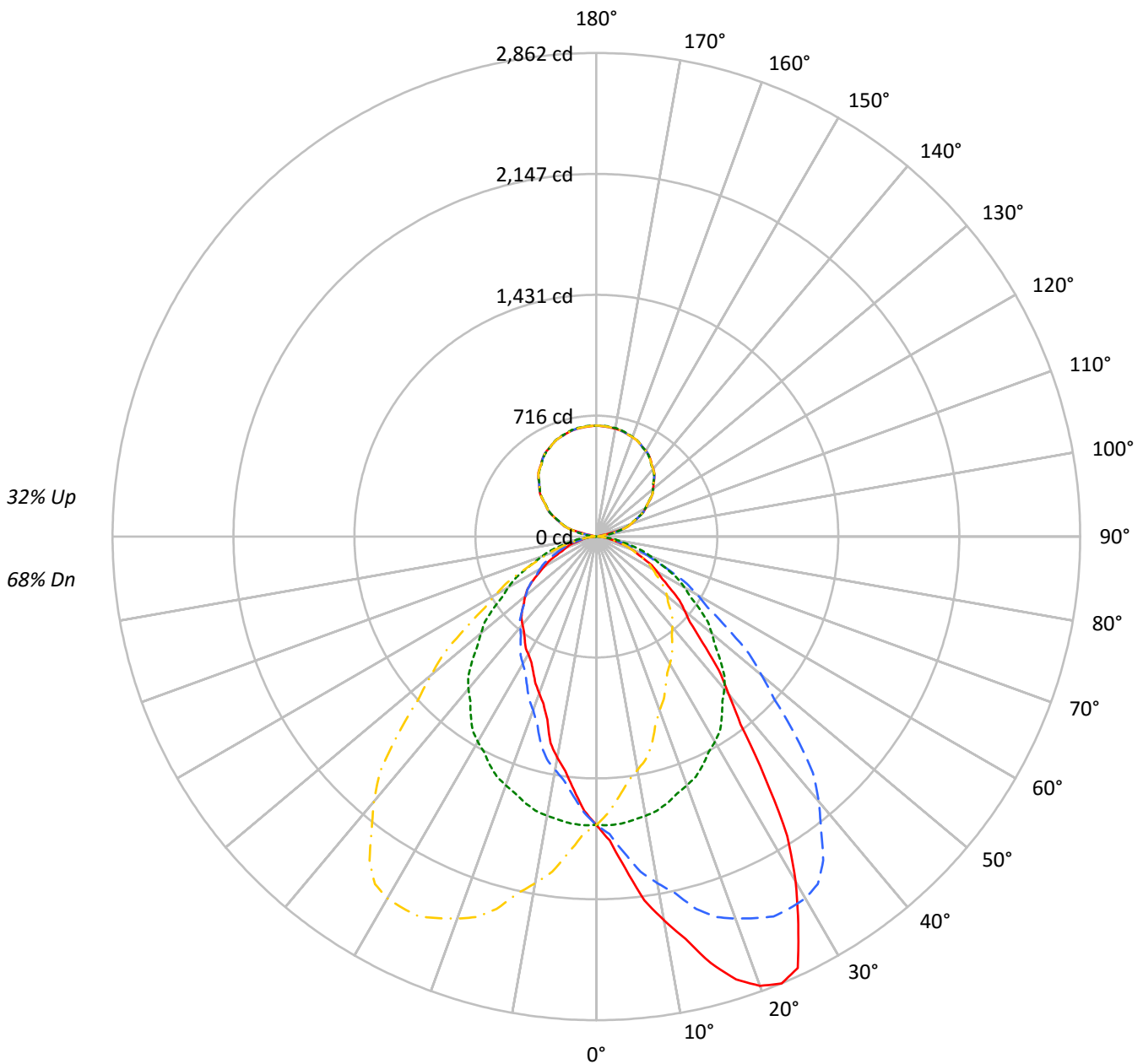
Lumens per Lamp: N/A  
Luminaire Lumens: 6346.0 lumens  
Efficiency: N/A  
Efficacy: 115.2 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: Semi-Direct  
  
Input Watts (W): 55.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332991-935

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### Luminous Intensity Polar Plot



— 0°-180°    - - - 45°-225°    - · - · 90°-270°    - · - · 135°-315°



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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |  |   |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|--|---|
| RF  | 20  |     |     |     |     | 20  |     |     |    |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |    |    |   |  |   |
| RC  | 80  |     |     |     |     | 70  |     |     |    |    | 50 |    |    |    |    | 30 |    |    |    |    | 10 |    |    |   |  | 0 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |  |   |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |  |   |
| 0   | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 93 | 93 | 93 | 83 | 83 | 83 | 73 | 73 | 73 | 68 |    |    |    |    |    |   |  |   |
| 1   | 102 | 98  | 95  | 91  | 97  | 93  | 90  | 87  | 83 | 80 | 78 | 74 | 72 | 70 | 65 | 64 | 63 | 59 |    |    |    |    |    |   |  |   |
| 2   | 94  | 87  | 81  | 75  | 88  | 82  | 77  | 72  | 73 | 69 | 66 | 65 | 62 | 60 | 58 | 56 | 54 | 50 |    |    |    |    |    |   |  |   |
| 3   | 86  | 77  | 69  | 64  | 81  | 73  | 66  | 61  | 65 | 60 | 56 | 58 | 54 | 51 | 52 | 49 | 46 | 43 |    |    |    |    |    |   |  |   |
| 4   | 79  | 68  | 60  | 54  | 74  | 65  | 58  | 52  | 58 | 53 | 48 | 52 | 48 | 44 | 47 | 43 | 40 | 37 |    |    |    |    |    |   |  |   |
| 5   | 73  | 61  | 53  | 47  | 69  | 58  | 51  | 45  | 53 | 47 | 42 | 47 | 43 | 39 | 43 | 39 | 36 | 33 |    |    |    |    |    |   |  |   |
| 6   | 67  | 55  | 47  | 41  | 63  | 53  | 45  | 40  | 48 | 42 | 37 | 43 | 38 | 34 | 39 | 35 | 32 | 29 |    |    |    |    |    |   |  |   |
| 7   | 62  | 50  | 42  | 37  | 59  | 48  | 40  | 35  | 43 | 37 | 33 | 39 | 34 | 31 | 36 | 31 | 28 | 26 |    |    |    |    |    |   |  |   |
| 8   | 58  | 46  | 38  | 33  | 55  | 44  | 36  | 32  | 40 | 34 | 29 | 36 | 31 | 27 | 33 | 29 | 25 | 23 |    |    |    |    |    |   |  |   |
| 9   | 54  | 42  | 34  | 29  | 51  | 40  | 33  | 28  | 37 | 31 | 27 | 33 | 28 | 25 | 30 | 26 | 23 | 21 |    |    |    |    |    |   |  |   |
| 10  | 51  | 39  | 31  | 26  | 48  | 37  | 30  | 26  | 34 | 28 | 24 | 31 | 26 | 23 | 28 | 24 | 21 | 19 |    |    |    |    |    |   |  |   |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 13774 | 13774 | 13774 | 13774 |
| 5°  | 15977 | 13816 | 12211 | 13816 |
| 10° | 18901 | 13755 | 10899 | 13755 |
| 15° | 21833 | 13628 | 9365  | 13628 |
| 20° | 24308 | 13454 | 8469  | 13454 |
| 25° | 25093 | 13281 | 7863  | 13281 |
| 30° | 21967 | 13073 | 7498  | 13073 |
| 35° | 17100 | 12764 | 7276  | 12764 |
| 40° | 12823 | 12410 | 7158  | 12410 |
| 45° | 10123 | 11843 | 7096  | 11843 |
| 50° | 8547  | 11189 | 6889  | 11189 |
| 55° | 7450  | 10469 | 6521  | 10469 |
| 60° | 6704  | 9723  | 5772  | 9723  |
| 65° | 5910  | 8915  | 4963  | 8915  |
| 70° | 5323  | 8080  | 4480  | 8080  |
| 75° | 4460  | 7162  | 3815  | 7162  |
| 80° | 3770  | 6104  | 3580  | 6104  |
| 85° | 3186  | 4780  | 3186  | 4780  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 165.3  | 2.6       |
| 10°-20°   | 498.7  | 7.9       |
| 20°-30°   | 780.0  | 12.3      |
| 30°-40°   | 867.1  | 13.7      |
| 40°-50°   | 769.3  | 12.1      |
| 50°-60°   | 599.5  | 9.4       |
| 60°-70°   | 392.5  | 6.2       |
| 70°-80°   | 193.0  | 3.0       |
| 80°-90°   | 49.5   | 0.8       |
| 90°-100°  | 22.5   | 0.4       |
| 100°-110° | 143.2  | 2.3       |
| 110°-120° | 273.9  | 4.3       |
| 120°-130° | 347.7  | 5.5       |
| 130°-140° | 372.1  | 5.9       |
| 140°-150° | 347.9  | 5.5       |
| 150°-160° | 280.6  | 4.4       |
| 160°-170° | 181.0  | 2.9       |
| 170°-180° | 62.4   | 1.0       |
| 0°-30°    | 1444.0 | 22.8      |
| 0°-40°    | 2311.0 | 36.4      |
| 0°-60°    | 3679.8 | 58.0      |
| 0°-90°    | 4314.8 | 68.0      |
| 90°-120°  | 439.6  | 6.9       |
| 90°-150°  | 1507.3 | 23.8      |
| 90°-180°  | 2031.0 | 32.0      |
| 0°-180°   | 6346.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1706 | 1706 | 1706 | 1706 | 1706 |      |
| 5°   | 1972 | 1705 | 1507 | 1705 | 1972 | 199  |
| 15°  | 2612 | 1631 | 1120 | 1631 | 2612 | 743  |
| 25°  | 2817 | 1491 | 883  | 1491 | 2817 | 1250 |
| 35°  | 1735 | 1295 | 738  | 1295 | 1735 | 1088 |
| 45°  | 887  | 1037 | 622  | 1037 | 887  | 702  |
| 55°  | 529  | 744  | 463  | 744  | 529  | 481  |
| 65°  | 309  | 467  | 260  | 467  | 309  | 311  |
| 75°  | 143  | 230  | 122  | 230  | 143  | 157  |
| 85°  | 34   | 52   | 34   | 52   | 34   | 39   |
| 90°  | 15   | 2    | 15   | 2    | 15   | 8    |
| 95°  | 14   | 27   | 14   | 27   | 14   | 11   |
| 105° | 140  | 148  | 140  | 148  | 140  | 122  |
| 115° | 278  | 276  | 278  | 276  | 278  | 275  |
| 125° | 391  | 388  | 391  | 388  | 391  | 348  |
| 135° | 485  | 481  | 485  | 481  | 485  | 373  |
| 145° | 558  | 555  | 558  | 555  | 558  | 349  |
| 155° | 608  | 609  | 608  | 609  | 608  | 280  |
| 165° | 639  | 642  | 639  | 642  | 639  | 180  |
| 175° | 653  | 657  | 653  | 657  | 653  | 62   |
| 180° | 657  | 657  | 657  | 657  | 657  |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 |
| 2.5°   | 1799.7 | 1804.7 | 1799.7 | 1799.1 | 1793.6 | 1792.0 | 1789.8 | 1782.6 | 1769.4 | 1761.8 | 1763.4 |
| 5°     | 1971.5 | 1988.7 | 1979.1 | 1977.7 | 1962.6 | 1947.5 | 1937.9 | 1915.9 | 1892.5 | 1876.7 | 1863.6 |
| 7.5°   | 2170.3 | 2180.2 | 2174.2 | 2164.6 | 2140.1 | 2126.2 | 2103.9 | 2074.9 | 2033.0 | 2001.0 | 1971.7 |
| 10°    | 2305.7 | 2313.9 | 2311.2 | 2293.3 | 2275.4 | 2238.9 | 2218.4 | 2177.8 | 2124.9 | 2082.9 | 2043.8 |
| 12.5°  | 2438.7 | 2447.6 | 2423.4 | 2424.1 | 2390.3 | 2361.6 | 2328.9 | 2277.9 | 2216.7 | 2162.7 | 2113.6 |
| 15°    | 2612.3 | 2601.3 | 2601.3 | 2587.5 | 2549.7 | 2509.8 | 2476.1 | 2422.5 | 2345.5 | 2280.9 | 2212.9 |
| 17.5°  | 2748.1 | 2751.9 | 2746.2 | 2713.9 | 2684.2 | 2642.9 | 2581.2 | 2518.6 | 2447.1 | 2360.3 | 2290.8 |
| 20°    | 2829.5 | 2829.5 | 2823.3 | 2801.3 | 2762.8 | 2718.8 | 2652.1 | 2584.0 | 2493.3 | 2406.0 | 2327.6 |
| 22.5°  | 2862.5 | 2864.6 | 2857.4 | 2839.2 | 2804.6 | 2761.7 | 2704.9 | 2635.8 | 2542.3 | 2443.9 | 2346.9 |
| 25°    | 2817.1 | 2830.2 | 2831.5 | 2826.7 | 2816.4 | 2790.2 | 2741.5 | 2670.6 | 2586.8 | 2480.3 | 2375.8 |
| 27.5°  | 2586.4 | 2602.9 | 2617.4 | 2641.1 | 2672.7 | 2689.2 | 2691.4 | 2655.4 | 2582.2 | 2479.7 | 2374.6 |
| 30°    | 2356.5 | 2370.2 | 2414.9 | 2473.4 | 2518.8 | 2560.0 | 2595.7 | 2605.4 | 2564.1 | 2472.0 | 2361.3 |
| 32.5°  | 2101.4 | 2120.0 | 2164.7 | 2227.6 | 2303.2 | 2373.0 | 2453.3 | 2494.2 | 2493.2 | 2437.9 | 2335.5 |
| 35°    | 1735.1 | 1748.9 | 1790.1 | 1856.1 | 1946.8 | 2050.6 | 2177.8 | 2276.7 | 2344.2 | 2339.3 | 2276.7 |
| 37.5°  | 1399.3 | 1414.9 | 1456.6 | 1511.2 | 1599.2 | 1727.8 | 1850.8 | 1987.2 | 2111.8 | 2181.8 | 2160.9 |
| 40°    | 1216.8 | 1217.5 | 1258.0 | 1314.4 | 1396.9 | 1508.9 | 1643.0 | 1794.2 | 1933.0 | 2046.5 | 2068.5 |
| 42.5°  | 1072.6 | 1072.8 | 1099.6 | 1160.4 | 1219.8 | 1325.3 | 1453.2 | 1603.4 | 1765.9 | 1896.9 | 1955.2 |
| 45°    | 886.7  | 892.9  | 915.0  | 951.4  | 998.2  | 1087.5 | 1189.9 | 1329.5 | 1511.7 | 1667.0 | 1763.9 |
| 47.5°  | 751.0  | 760.0  | 774.0  | 803.7  | 841.0  | 900.5  | 985.2  | 1110.6 | 1258.8 | 1429.7 | 1567.6 |
| 50°    | 680.5  | 681.9  | 699.8  | 716.3  | 748.6  | 796.1  | 870.3  | 974.7  | 1110.9 | 1275.1 | 1428.5 |
| 52.5°  | 620.1  | 619.7  | 630.5  | 651.4  | 677.7  | 714.6  | 774.6  | 869.7  | 990.4  | 1137.7 | 1296.0 |
| 55°    | 529.3  | 532.8  | 541.0  | 557.5  | 577.5  | 603.6  | 651.0  | 722.5  | 817.3  | 943.1  | 1086.8 |
| 57.5°  | 460.3  | 462.1  | 468.6  | 475.5  | 493.9  | 512.8  | 548.5  | 598.1  | 678.1  | 781.1  | 915.0  |
| 60°    | 415.2  | 415.9  | 417.9  | 428.3  | 442.7  | 460.5  | 484.7  | 526.6  | 593.9  | 688.1  | 794.0  |
| 62.5°  | 371.2  | 372.5  | 375.7  | 383.1  | 394.3  | 406.7  | 431.9  | 465.5  | 521.3  | 601.8  | 697.2  |
| 65°    | 309.4  | 310.0  | 314.9  | 317.6  | 326.5  | 337.5  | 356.1  | 378.8  | 417.2  | 484.7  | 556.8  |
| 67.5°  | 258.5  | 258.5  | 258.7  | 262.4  | 268.6  | 276.0  | 287.1  | 305.2  | 334.2  | 375.7  | 439.3  |
| 70°    | 225.5  | 225.5  | 226.9  | 228.9  | 232.4  | 238.5  | 244.7  | 258.5  | 279.8  | 313.5  | 362.3  |
| 72.5°  | 194.7  | 195.2  | 196.6  | 197.0  | 198.8  | 203.9  | 208.4  | 217.2  | 233.1  | 258.5  | 297.9  |
| 75°    | 143.0  | 145.1  | 148.5  | 151.3  | 154.6  | 153.9  | 158.8  | 164.3  | 169.1  | 184.3  | 206.9  |
| 77.5°  | 106.4  | 105.3  | 105.7  | 108.1  | 108.5  | 109.2  | 112.6  | 116.8  | 120.5  | 127.6  | 135.7  |
| 80°    | 81.1   | 81.1   | 83.2   | 83.9   | 83.2   | 83.9   | 87.3   | 89.4   | 90.7   | 93.5   | 101.1  |
| 82.5°  | 61.3   | 62.4   | 61.7   | 62.4   | 62.9   | 63.5   | 66.4   | 66.8   | 68.2   | 69.3   | 72.5   |
| 85°    | 34.4   | 35.0   | 35.7   | 34.4   | 34.4   | 34.4   | 35.7   | 36.4   | 37.8   | 37.1   | 38.5   |
| 87.5°  | 15.1   | 14.5   | 15.0   | 14.9   | 15.4   | 14.8   | 15.2   | 16.2   | 15.0   | 15.3   | 15.2   |
| 90°    | 14.7   | 14.6   | 14.3   | 14.1   | 13.9   | 13.4   | 12.7   | 12.1   | 11.5   | 10.8   | 9.9    |
| 92.5°  | 13.5   | 13.5   | 13.4   | 13.4   | 13.3   | 13.0   | 12.4   | 11.7   | 11.1   | 10.4   | 9.6    |
| 95°    | 14.2   | 14.1   | 14.0   | 13.9   | 13.8   | 13.4   | 12.7   | 12.1   | 11.5   | 10.8   | 10.7   |
| 97.5°  | 13.8   | 13.6   | 13.5   | 13.4   | 13.3   | 13.3   | 13.2   | 13.1   | 13.0   | 13.0   | 25.1   |
| 100°   | 13.8   | 13.6   | 13.5   | 13.4   | 13.3   | 14.2   | 16.0   | 17.9   | 19.7   | 21.6   | 36.7   |
| 102.5° | 14.1   | 14.1   | 14.1   | 14.1   | 14.0   | 24.0   | 44.1   | 64.1   | 84.1   | 104.1  | 106.1  |
| 105°   | 140.0  | 143.9  | 147.8  | 151.8  | 155.7  | 157.1  | 156.2  | 155.2  | 154.2  | 153.3  | 152.7  |
| 107.5° | 195.1  | 194.7  | 194.2  | 193.8  | 193.4  | 193.0  | 192.5  | 192.0  | 191.6  | 191.1  | 190.3  |
| 110°   | 219.0  | 218.7  | 218.3  | 218.1  | 217.7  | 217.5  | 217.2  | 217.1  | 216.8  | 216.6  | 215.9  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 243.0 | 242.6 | 242.2 | 241.8 | 241.3 | 241.2 | 241.3 | 241.3 | 241.3 | 241.3 | 241.1 |
| 115°   | 278.0 | 278.0 | 278.0 | 278.0 | 278.0 | 277.8 | 277.7 | 277.4 | 277.2 | 277.0 | 277.1 |
| 117.5° | 313.6 | 313.6 | 313.7 | 313.7 | 313.7 | 313.7 | 313.8 | 313.8 | 313.9 | 313.9 | 313.7 |
| 120°   | 336.0 | 336.1 | 336.4 | 336.6 | 336.8 | 336.8 | 336.6 | 336.4 | 336.1 | 336.0 | 336.0 |
| 122.5° | 357.9 | 358.2 | 358.3 | 358.6 | 358.8 | 358.9 | 358.7 | 358.6 | 358.4 | 358.3 | 358.2 |
| 125°   | 391.0 | 390.8 | 390.7 | 390.6 | 390.5 | 390.3 | 389.9 | 389.6 | 389.3 | 389.0 | 389.2 |
| 127.5° | 419.9 | 420.0 | 420.1 | 420.2 | 420.3 | 420.3 | 420.4 | 420.5 | 420.5 | 420.6 | 420.1 |
| 130°   | 439.5 | 439.5 | 439.5 | 439.5 | 439.5 | 439.5 | 439.4 | 439.3 | 439.2 | 439.1 | 438.8 |
| 132.5° | 457.6 | 457.7 | 457.8 | 457.9 | 458.0 | 458.0 | 457.9 | 457.8 | 457.6 | 457.5 | 457.1 |
| 135°   | 484.7 | 484.6 | 484.3 | 484.1 | 483.9 | 483.6 | 483.5 | 483.2 | 483.0 | 482.8 | 482.3 |
| 137.5° | 507.9 | 508.0 | 508.1 | 508.2 | 508.2 | 508.1 | 507.9 | 507.6 | 507.4 | 507.1 | 506.7 |
| 140°   | 524.0 | 523.9 | 523.8 | 523.7 | 523.6 | 523.4 | 523.1 | 522.7 | 522.4 | 522.1 | 521.9 |
| 142.5° | 537.4 | 537.4 | 537.4 | 537.4 | 537.4 | 537.2 | 536.9 | 536.7 | 536.5 | 536.2 | 536.1 |
| 145°   | 557.9 | 557.8 | 557.5 | 557.2 | 557.1 | 556.9 | 556.8 | 556.6 | 556.6 | 556.5 | 556.5 |
| 147.5° | 574.9 | 574.8 | 574.7 | 574.6 | 574.5 | 574.4 | 574.3 | 574.2 | 574.1 | 574.0 | 574.1 |
| 150°   | 585.9 | 585.8 | 585.7 | 585.6 | 585.5 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.6 |
| 152.5° | 595.4 | 595.4 | 595.5 | 595.6 | 595.6 | 595.6 | 595.4 | 595.2 | 595.0 | 594.9 | 595.0 |
| 155°   | 608.0 | 608.4 | 608.6 | 609.0 | 609.3 | 609.2 | 608.8 | 608.4 | 608.0 | 607.5 | 607.9 |
| 157.5° | 618.6 | 619.2 | 619.7 | 620.4 | 620.9 | 620.9 | 620.4 | 619.7 | 619.2 | 618.6 | 619.0 |
| 160°   | 625.7 | 626.4 | 627.0 | 627.7 | 628.4 | 628.4 | 627.7 | 627.0 | 626.4 | 625.7 | 625.8 |
| 162.5° | 631.2 | 632.0 | 632.7 | 633.4 | 634.2 | 634.2 | 633.5 | 632.9 | 632.2 | 631.6 | 631.7 |
| 165°   | 638.9 | 640.0 | 640.9 | 641.9 | 642.9 | 643.0 | 642.0 | 641.2 | 640.3 | 639.5 | 639.5 |
| 167.5° | 644.8 | 645.8 | 647.0 | 648.1 | 649.1 | 649.2 | 648.2 | 647.3 | 646.4 | 645.3 | 645.4 |
| 170°   | 648.3 | 649.4 | 650.5 | 651.6 | 652.6 | 652.8 | 651.9 | 651.0 | 650.1 | 649.3 | 649.2 |
| 172.5° | 650.2 | 651.4 | 652.6 | 653.8 | 655.0 | 655.1 | 654.3 | 653.4 | 652.6 | 651.6 | 651.5 |
| 175°   | 652.7 | 654.0 | 655.3 | 656.7 | 658.0 | 658.1 | 657.1 | 656.2 | 655.1 | 654.2 | 654.1 |
| 177.5° | 654.3 | 655.3 | 656.4 | 657.5 | 658.5 | 658.7 | 658.0 | 657.3 | 656.6 | 655.8 | 655.7 |
| 180°   | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 |



TEST NUMBER: P332991-935

CATALOG NUMBER: S124RDIP-S1195D590U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 |
| 2.5°   | 1757.9 | 1750.2 | 1746.4 | 1737.6 | 1727.1 | 1721.6 | 1716.7 | 1709.5 | 1700.1 | 1690.2 | 1683.1 |
| 5°     | 1847.1 | 1830.7 | 1810.0 | 1785.3 | 1763.2 | 1742.0 | 1723.4 | 1704.9 | 1683.5 | 1661.6 | 1639.5 |
| 7.5°   | 1938.7 | 1906.3 | 1871.2 | 1830.7 | 1791.1 | 1755.3 | 1722.3 | 1690.7 | 1654.9 | 1622.9 | 1593.7 |
| 10°    | 2002.5 | 1958.5 | 1909.7 | 1858.1 | 1806.6 | 1761.9 | 1717.9 | 1678.0 | 1634.0 | 1594.8 | 1561.9 |
| 12.5°  | 2054.2 | 2002.5 | 1943.8 | 1879.6 | 1817.6 | 1763.5 | 1713.0 | 1661.0 | 1610.9 | 1568.5 | 1524.5 |
| 15°    | 2139.9 | 2069.2 | 1990.1 | 1913.1 | 1832.7 | 1759.1 | 1691.1 | 1630.6 | 1573.6 | 1513.7 | 1471.8 |
| 17.5°  | 2199.0 | 2115.0 | 2018.9 | 1926.3 | 1831.3 | 1744.6 | 1666.0 | 1594.1 | 1528.2 | 1467.1 | 1417.2 |
| 20°    | 2234.1 | 2141.3 | 2034.8 | 1929.6 | 1823.1 | 1730.3 | 1645.7 | 1566.0 | 1497.9 | 1431.9 | 1380.4 |
| 22.5°  | 2253.9 | 2151.2 | 2034.8 | 1924.7 | 1814.3 | 1713.7 | 1620.9 | 1537.9 | 1463.8 | 1397.8 | 1340.7 |
| 25°    | 2260.3 | 2150.3 | 2031.4 | 1904.9 | 1783.9 | 1677.3 | 1581.1 | 1491.0 | 1408.5 | 1342.6 | 1282.0 |
| 27.5°  | 2251.5 | 2121.9 | 2000.2 | 1870.4 | 1745.5 | 1633.2 | 1532.1 | 1437.5 | 1355.0 | 1284.1 | 1222.1 |
| 30°    | 2238.3 | 2099.4 | 1968.8 | 1834.1 | 1707.5 | 1599.7 | 1493.1 | 1402.4 | 1316.5 | 1242.9 | 1180.3 |
| 32.5°  | 2209.7 | 2071.9 | 1931.4 | 1793.4 | 1665.3 | 1554.0 | 1452.9 | 1361.7 | 1277.4 | 1202.2 | 1135.7 |
| 35°    | 2153.0 | 2013.4 | 1860.9 | 1719.2 | 1593.5 | 1478.0 | 1383.1 | 1295.1 | 1214.7 | 1134.3 | 1064.1 |
| 37.5°  | 2078.4 | 1935.8 | 1784.0 | 1628.9 | 1503.0 | 1394.0 | 1306.9 | 1224.3 | 1145.8 | 1072.4 | 994.7  |
| 40°    | 2008.0 | 1878.1 | 1721.3 | 1567.4 | 1438.1 | 1332.9 | 1252.5 | 1177.6 | 1098.5 | 1025.6 | 948.0  |
| 42.5°  | 1922.8 | 1812.1 | 1653.7 | 1499.2 | 1371.6 | 1270.2 | 1195.3 | 1122.1 | 1050.2 | 979.5  | 898.5  |
| 45°    | 1780.5 | 1696.6 | 1548.1 | 1399.6 | 1271.1 | 1170.7 | 1102.0 | 1037.3 | 974.0  | 906.7  | 830.4  |
| 47.5°  | 1617.4 | 1560.6 | 1432.4 | 1280.4 | 1161.5 | 1071.2 | 1004.8 | 951.9  | 898.5  | 831.1  | 764.1  |
| 50°    | 1504.1 | 1467.7 | 1343.9 | 1205.1 | 1091.7 | 1008.5 | 940.4  | 890.9  | 846.2  | 781.6  | 721.8  |
| 52.5°  | 1383.1 | 1363.7 | 1259.2 | 1126.4 | 1016.8 | 935.3  | 877.2  | 832.6  | 787.4  | 733.7  | 677.8  |
| 55°    | 1198.9 | 1209.2 | 1120.5 | 1005.7 | 902.6  | 833.9  | 780.9  | 743.8  | 705.3  | 660.0  | 616.6  |
| 57.5°  | 1010.6 | 1048.2 | 988.7  | 887.9  | 791.3  | 727.7  | 687.9  | 656.6  | 624.3  | 586.7  | 549.7  |
| 60°    | 897.8  | 929.4  | 895.7  | 807.0  | 722.5  | 663.4  | 626.3  | 602.2  | 569.9  | 535.5  | 507.3  |
| 62.5°  | 787.8  | 821.7  | 801.7  | 730.0  | 651.5  | 600.7  | 567.9  | 545.5  | 521.5  | 491.5  | 462.3  |
| 65°    | 649.6  | 671.6  | 662.0  | 612.5  | 556.8  | 513.5  | 483.3  | 466.7  | 444.8  | 422.8  | 396.7  |
| 67.5°  | 497.6  | 540.0  | 534.4  | 508.2  | 460.0  | 426.2  | 406.4  | 391.8  | 371.8  | 355.4  | 337.7  |
| 70°    | 409.1  | 448.2  | 447.5  | 426.2  | 400.1  | 368.4  | 354.7  | 342.3  | 324.4  | 308.7  | 294.2  |
| 72.5°  | 334.8  | 370.7  | 376.0  | 359.6  | 341.8  | 317.9  | 304.7  | 296.2  | 278.8  | 267.9  | 256.2  |
| 75°    | 234.5  | 260.5  | 267.4  | 267.4  | 259.2  | 246.8  | 235.1  | 229.6  | 217.2  | 207.6  | 200.7  |
| 77.5°  | 153.7  | 170.2  | 180.9  | 183.4  | 184.7  | 180.6  | 170.9  | 167.0  | 157.6  | 154.1  | 147.5  |
| 80°    | 108.6  | 119.6  | 132.0  | 136.1  | 139.6  | 138.2  | 134.1  | 131.3  | 122.3  | 118.9  | 116.1  |
| 82.5°  | 75.1   | 81.1   | 91.3   | 100.4  | 99.4   | 103.0  | 99.4   | 97.2   | 90.5   | 89.2   | 86.4   |
| 85°    | 39.2   | 39.9   | 41.2   | 47.4   | 50.9   | 52.3   | 53.0   | 51.6   | 49.5   | 49.5   | 44.7   |
| 87.5°  | 15.0   | 14.3   | 15.2   | 15.0   | 15.3   | 17.3   | 18.7   | 19.0   | 17.6   | 16.2   | 14.7   |
| 90°    | 9.0    | 8.2    | 7.3    | 6.3    | 5.1    | 3.9    | 2.7    | 1.5    | 2.7    | 3.9    | 5.1    |
| 92.5°  | 8.7    | 7.8    | 6.9    | 6.5    | 6.4    | 6.3    | 6.3    | 6.2    | 6.3    | 6.3    | 6.4    |
| 95°    | 10.6   | 10.5   | 10.3   | 12.1   | 15.8   | 19.6   | 23.3   | 27.0   | 23.3   | 19.6   | 15.8   |
| 97.5°  | 37.4   | 49.5   | 61.6   | 66.6   | 64.3   | 62.0   | 59.7   | 57.3   | 59.7   | 62.0   | 64.3   |
| 100°   | 51.7   | 66.8   | 81.9   | 88.4   | 86.4   | 84.5   | 82.5   | 80.5   | 82.5   | 84.5   | 86.4   |
| 102.5° | 108.1  | 110.0  | 112.0  | 112.3  | 110.8  | 109.3  | 107.9  | 106.5  | 107.9  | 109.3  | 110.8  |
| 105°   | 152.1  | 151.6  | 151.0  | 150.4  | 149.8  | 149.1  | 148.5  | 147.8  | 148.5  | 149.1  | 149.8  |
| 107.5° | 189.6  | 188.8  | 188.0  | 187.5  | 187.2  | 186.9  | 186.6  | 186.2  | 186.6  | 186.9  | 187.2  |
| 110°   | 215.2  | 214.6  | 214.0  | 213.4  | 213.2  | 212.8  | 212.5  | 212.2  | 212.5  | 212.8  | 213.2  |





TEST NUMBER: P332991-935

CATALOG NUMBER: S124RDIP-S1195D590U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 240.7 | 240.4 | 240.1 | 239.7 | 239.1 | 238.5 | 237.9 | 237.3 | 237.9 | 238.5 | 239.1 |
| 115°   | 277.2 | 277.3 | 277.4 | 277.3 | 277.0 | 276.6 | 276.4 | 276.0 | 276.4 | 276.6 | 277.0 |
| 117.5° | 313.5 | 313.2 | 313.0 | 312.6 | 312.2 | 311.8 | 311.3 | 310.9 | 311.3 | 311.8 | 312.2 |
| 120°   | 336.1 | 336.3 | 336.4 | 336.2 | 335.8 | 335.4 | 334.9 | 334.5 | 334.9 | 335.4 | 335.8 |
| 122.5° | 358.0 | 357.9 | 357.7 | 357.5 | 357.2 | 357.0 | 356.7 | 356.5 | 356.7 | 357.0 | 357.2 |
| 125°   | 389.4 | 389.6 | 389.9 | 389.8 | 389.3 | 388.9 | 388.4 | 388.0 | 388.4 | 388.9 | 389.3 |
| 127.5° | 419.6 | 419.1 | 418.6 | 418.3 | 418.2 | 418.1 | 417.9 | 417.8 | 417.9 | 418.1 | 418.2 |
| 130°   | 438.4 | 438.1 | 437.7 | 437.6 | 437.5 | 437.3 | 437.2 | 437.1 | 437.2 | 437.3 | 437.5 |
| 132.5° | 456.7 | 456.3 | 455.9 | 455.6 | 455.4 | 455.2 | 455.0 | 454.8 | 455.0 | 455.2 | 455.4 |
| 135°   | 481.9 | 481.5 | 481.0 | 480.9 | 481.0 | 481.1 | 481.2 | 481.3 | 481.2 | 481.1 | 481.0 |
| 137.5° | 506.2 | 505.7 | 505.2 | 505.0 | 504.9 | 504.9 | 504.8 | 504.8 | 504.8 | 504.9 | 504.9 |
| 140°   | 521.7 | 521.4 | 521.2 | 521.0 | 520.7 | 520.6 | 520.3 | 520.1 | 520.3 | 520.6 | 520.7 |
| 142.5° | 536.0 | 535.8 | 535.7 | 535.5 | 535.0 | 534.7 | 534.3 | 533.9 | 534.3 | 534.7 | 535.0 |
| 145°   | 556.5 | 556.5 | 556.5 | 556.3 | 555.9 | 555.6 | 555.3 | 555.0 | 555.3 | 555.6 | 555.9 |
| 147.5° | 574.3 | 574.4 | 574.5 | 574.2 | 573.6 | 573.0 | 572.4 | 571.8 | 572.4 | 573.0 | 573.6 |
| 150°   | 585.7 | 585.7 | 585.9 | 585.7 | 585.3 | 584.9 | 584.4 | 583.9 | 584.4 | 584.9 | 585.3 |
| 152.5° | 595.3 | 595.5 | 595.6 | 595.6 | 595.2 | 594.9 | 594.5 | 594.2 | 594.5 | 594.9 | 595.2 |
| 155°   | 608.2 | 608.6 | 608.8 | 609.0 | 608.8 | 608.7 | 608.6 | 608.6 | 608.6 | 608.7 | 608.8 |
| 157.5° | 619.4 | 619.7 | 620.1 | 620.4 | 620.4 | 620.4 | 620.5 | 620.6 | 620.5 | 620.4 | 620.4 |
| 160°   | 625.9 | 626.0 | 626.1 | 626.4 | 626.7 | 627.0 | 627.3 | 627.7 | 627.3 | 627.0 | 626.7 |
| 162.5° | 631.8 | 631.9 | 632.1 | 632.3 | 632.7 | 633.1 | 633.5 | 634.0 | 633.5 | 633.1 | 632.7 |
| 165°   | 639.5 | 639.5 | 639.5 | 639.7 | 640.2 | 640.8 | 641.4 | 641.9 | 641.4 | 640.8 | 640.2 |
| 167.5° | 645.5 | 645.6 | 645.6 | 645.9 | 646.5 | 647.0 | 647.6 | 648.2 | 647.6 | 647.0 | 646.5 |
| 170°   | 649.0 | 648.9 | 648.8 | 649.1 | 649.8 | 650.4 | 651.1 | 651.8 | 651.1 | 650.4 | 649.8 |
| 172.5° | 651.4 | 651.3 | 651.2 | 651.5 | 652.1 | 652.8 | 653.4 | 654.1 | 653.4 | 652.8 | 652.1 |
| 175°   | 654.0 | 653.8 | 653.8 | 654.0 | 654.7 | 655.3 | 656.0 | 656.7 | 656.0 | 655.3 | 654.7 |
| 177.5° | 655.5 | 655.3 | 655.1 | 655.4 | 656.0 | 656.6 | 657.2 | 657.8 | 657.2 | 656.6 | 656.0 |
| 180°   | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 |



TEST NUMBER: P332991-935

CATALOG NUMBER: S124RDIP-S1195D590U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 |
| 2.5°   | 1675.4 | 1669.9 | 1662.8 | 1654.5 | 1644.6 | 1635.8 | 1631.9 | 1635.3 | 1636.9 | 1632.5 | 1631.9 |
| 5°     | 1624.4 | 1607.2 | 1593.5 | 1572.9 | 1556.3 | 1542.6 | 1533.0 | 1528.9 | 1530.3 | 1519.2 | 1516.5 |
| 7.5°   | 1567.1 | 1546.7 | 1524.1 | 1499.7 | 1476.9 | 1456.6 | 1446.0 | 1440.3 | 1428.7 | 1423.7 | 1415.3 |
| 10°    | 1530.3 | 1502.7 | 1480.7 | 1451.8 | 1425.7 | 1401.7 | 1390.0 | 1380.4 | 1368.6 | 1363.1 | 1351.5 |
| 12.5°  | 1492.3 | 1460.3 | 1436.1 | 1406.2 | 1379.5 | 1350.6 | 1339.4 | 1321.5 | 1303.2 | 1291.7 | 1276.7 |
| 15°    | 1438.8 | 1400.3 | 1370.7 | 1335.0 | 1303.4 | 1270.4 | 1240.8 | 1207.8 | 1195.4 | 1169.3 | 1154.2 |
| 17.5°  | 1376.2 | 1337.2 | 1300.6 | 1252.7 | 1203.9 | 1162.9 | 1131.4 | 1099.8 | 1080.8 | 1064.1 | 1056.4 |
| 20°    | 1335.0 | 1299.2 | 1248.4 | 1192.7 | 1138.4 | 1093.0 | 1067.6 | 1047.0 | 1026.3 | 1014.7 | 1006.4 |
| 22.5°  | 1296.0 | 1250.3 | 1191.2 | 1131.1 | 1076.8 | 1041.3 | 1019.8 | 998.6  | 981.8  | 970.7  | 959.7  |
| 25°    | 1230.5 | 1170.7 | 1108.1 | 1039.4 | 1002.3 | 971.4  | 948.0  | 930.7  | 920.5  | 906.0  | 900.5  |
| 27.5°  | 1163.3 | 1090.8 | 1021.8 | 975.6  | 936.9  | 908.6  | 888.3  | 875.4  | 862.3  | 853.1  | 845.9  |
| 30°    | 1111.6 | 1038.0 | 976.1  | 932.1  | 892.9  | 869.6  | 853.1  | 838.0  | 827.7  | 820.1  | 814.6  |
| 32.5°  | 1060.4 | 986.9  | 934.9  | 887.6  | 856.7  | 833.9  | 816.2  | 804.9  | 796.9  | 787.1  | 783.8  |
| 35°    | 986.4  | 921.2  | 875.8  | 833.2  | 801.5  | 780.9  | 767.2  | 755.5  | 748.6  | 745.9  | 743.8  |
| 37.5°  | 915.4  | 861.9  | 813.1  | 778.2  | 750.0  | 733.7  | 717.6  | 711.8  | 707.1  | 702.1  | 704.4  |
| 40°    | 870.3  | 820.1  | 776.8  | 739.7  | 717.0  | 699.1  | 689.5  | 682.6  | 678.5  | 678.5  | 678.5  |
| 42.5°  | 831.2  | 782.1  | 739.9  | 706.7  | 684.0  | 668.9  | 658.1  | 652.4  | 651.0  | 650.5  | 653.8  |
| 45°    | 770.6  | 725.2  | 682.6  | 655.1  | 635.8  | 620.8  | 614.6  | 609.8  | 609.8  | 612.5  | 613.2  |
| 47.5°  | 710.5  | 668.0  | 633.8  | 603.0  | 585.4  | 575.9  | 570.6  | 568.1  | 568.3  | 571.1  | 574.3  |
| 50°    | 673.6  | 631.7  | 598.1  | 570.6  | 554.1  | 545.1  | 540.3  | 539.0  | 540.3  | 540.3  | 545.1  |
| 52.5°  | 633.5  | 596.0  | 562.8  | 539.8  | 521.1  | 512.7  | 510.1  | 508.2  | 508.9  | 511.2  | 513.2  |
| 55°    | 574.7  | 541.0  | 509.4  | 487.4  | 473.6  | 468.1  | 461.9  | 462.6  | 461.2  | 462.6  | 462.6  |
| 57.5°  | 515.7  | 485.4  | 456.1  | 438.6  | 426.5  | 418.5  | 411.7  | 413.7  | 411.6  | 411.4  | 410.3  |
| 60°    | 477.8  | 444.8  | 421.4  | 405.6  | 391.8  | 385.0  | 378.8  | 380.1  | 378.1  | 376.7  | 373.9  |
| 62.5°  | 436.5  | 409.1  | 386.8  | 371.5  | 360.5  | 352.5  | 346.3  | 344.9  | 340.2  | 335.4  | 329.4  |
| 65°    | 376.7  | 354.0  | 334.1  | 319.7  | 309.4  | 303.2  | 298.3  | 294.2  | 283.9  | 272.9  | 267.4  |
| 67.5°  | 318.6  | 302.2  | 283.6  | 271.4  | 263.0  | 254.9  | 245.7  | 238.7  | 229.0  | 223.0  | 219.6  |
| 70°    | 281.1  | 265.4  | 249.5  | 237.8  | 228.9  | 221.4  | 211.0  | 206.2  | 199.3  | 196.6  | 193.2  |
| 72.5°  | 245.4  | 230.7  | 216.0  | 205.4  | 195.9  | 190.0  | 181.9  | 177.1  | 174.1  | 173.0  | 169.5  |
| 75°    | 191.1  | 179.4  | 168.4  | 158.8  | 151.3  | 147.1  | 143.7  | 140.3  | 138.9  | 132.7  | 129.2  |
| 77.5°  | 139.4  | 131.7  | 124.8  | 118.0  | 112.6  | 109.9  | 103.2  | 99.3   | 96.9   | 94.0   | 93.3   |
| 80°    | 108.6  | 103.1  | 96.3   | 92.1   | 84.6   | 81.8   | 79.0   | 78.4   | 77.7   | 77.0   | 76.3   |
| 82.5°  | 81.7   | 76.2   | 69.3   | 66.8   | 64.7   | 63.1   | 61.5   | 60.8   | 60.1   | 60.5   | 60.4   |
| 85°    | 41.2   | 38.5   | 38.5   | 37.8   | 37.1   | 36.4   | 35.7   | 35.7   | 35.0   | 35.7   | 35.0   |
| 87.5°  | 15.0   | 14.6   | 14.8   | 13.9   | 14.6   | 14.8   | 14.4   | 14.6   | 15.2   | 14.2   | 14.3   |
| 90°    | 6.3    | 7.3    | 8.2    | 9.0    | 9.9    | 10.8   | 11.5   | 12.1   | 12.7   | 13.4   | 13.9   |
| 92.5°  | 6.5    | 6.9    | 7.8    | 8.7    | 9.6    | 10.4   | 11.1   | 11.7   | 12.4   | 13.0   | 13.3   |
| 95°    | 12.1   | 10.3   | 10.5   | 10.6   | 10.7   | 10.8   | 11.5   | 12.1   | 12.7   | 13.4   | 13.8   |
| 97.5°  | 66.6   | 61.6   | 49.5   | 37.4   | 25.1   | 13.0   | 13.0   | 13.1   | 13.2   | 13.3   | 13.3   |
| 100°   | 88.4   | 81.9   | 66.8   | 51.7   | 36.7   | 21.6   | 19.7   | 17.9   | 16.0   | 14.2   | 13.3   |
| 102.5° | 112.3  | 112.0  | 110.0  | 108.1  | 106.1  | 104.1  | 84.1   | 64.1   | 44.1   | 24.0   | 14.0   |
| 105°   | 150.4  | 151.0  | 151.6  | 152.1  | 152.7  | 153.3  | 154.2  | 155.2  | 156.2  | 157.1  | 155.7  |
| 107.5° | 187.5  | 188.0  | 188.8  | 189.6  | 190.3  | 191.1  | 191.6  | 192.0  | 192.5  | 193.0  | 193.4  |
| 110°   | 213.4  | 214.0  | 214.6  | 215.2  | 215.9  | 216.6  | 216.8  | 217.1  | 217.2  | 217.5  | 217.7  |



TEST NUMBER: P332991-935

CATALOG NUMBER: S124RDIP-S1195D590U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 239.7 | 240.1 | 240.4 | 240.7 | 241.1 | 241.3 | 241.3 | 241.3 | 241.3 | 241.2 | 241.3 |
| 115°   | 277.3 | 277.4 | 277.3 | 277.2 | 277.1 | 277.0 | 277.2 | 277.4 | 277.7 | 277.8 | 278.0 |
| 117.5° | 312.6 | 313.0 | 313.2 | 313.5 | 313.7 | 313.9 | 313.9 | 313.8 | 313.8 | 313.7 | 313.7 |
| 120°   | 336.2 | 336.4 | 336.3 | 336.1 | 336.0 | 336.0 | 336.1 | 336.4 | 336.6 | 336.8 | 336.8 |
| 122.5° | 357.5 | 357.7 | 357.9 | 358.0 | 358.2 | 358.3 | 358.4 | 358.6 | 358.7 | 358.9 | 358.8 |
| 125°   | 389.8 | 389.9 | 389.6 | 389.4 | 389.2 | 389.0 | 389.3 | 389.6 | 389.9 | 390.3 | 390.5 |
| 127.5° | 418.3 | 418.6 | 419.1 | 419.6 | 420.1 | 420.6 | 420.5 | 420.5 | 420.4 | 420.3 | 420.3 |
| 130°   | 437.6 | 437.7 | 438.1 | 438.4 | 438.8 | 439.1 | 439.2 | 439.3 | 439.4 | 439.5 | 439.5 |
| 132.5° | 455.6 | 455.9 | 456.3 | 456.7 | 457.1 | 457.5 | 457.6 | 457.8 | 457.9 | 458.0 | 458.0 |
| 135°   | 480.9 | 481.0 | 481.5 | 481.9 | 482.3 | 482.8 | 483.0 | 483.2 | 483.5 | 483.6 | 483.9 |
| 137.5° | 505.0 | 505.2 | 505.7 | 506.2 | 506.7 | 507.1 | 507.4 | 507.6 | 507.9 | 508.1 | 508.2 |
| 140°   | 521.0 | 521.2 | 521.4 | 521.7 | 521.9 | 522.1 | 522.4 | 522.7 | 523.1 | 523.4 | 523.6 |
| 142.5° | 535.5 | 535.7 | 535.8 | 536.0 | 536.1 | 536.2 | 536.5 | 536.7 | 536.9 | 537.2 | 537.4 |
| 145°   | 556.3 | 556.5 | 556.5 | 556.5 | 556.5 | 556.5 | 556.6 | 556.6 | 556.8 | 556.9 | 557.1 |
| 147.5° | 574.2 | 574.5 | 574.4 | 574.3 | 574.1 | 574.0 | 574.1 | 574.2 | 574.3 | 574.4 | 574.5 |
| 150°   | 585.7 | 585.9 | 585.7 | 585.7 | 585.6 | 585.4 | 585.4 | 585.4 | 585.4 | 585.4 | 585.5 |
| 152.5° | 595.6 | 595.6 | 595.5 | 595.3 | 595.0 | 594.9 | 595.0 | 595.2 | 595.4 | 595.6 | 595.6 |
| 155°   | 609.0 | 608.8 | 608.6 | 608.2 | 607.9 | 607.5 | 608.0 | 608.4 | 608.8 | 609.2 | 609.3 |
| 157.5° | 620.4 | 620.1 | 619.7 | 619.4 | 619.0 | 618.6 | 619.2 | 619.7 | 620.4 | 620.9 | 620.9 |
| 160°   | 626.4 | 626.1 | 626.0 | 625.9 | 625.8 | 625.7 | 626.4 | 627.0 | 627.7 | 628.4 | 628.4 |
| 162.5° | 632.3 | 632.1 | 631.9 | 631.8 | 631.7 | 631.6 | 632.2 | 632.9 | 633.5 | 634.2 | 634.2 |
| 165°   | 639.7 | 639.5 | 639.5 | 639.5 | 639.5 | 639.5 | 640.3 | 641.2 | 642.0 | 643.0 | 642.9 |
| 167.5° | 645.9 | 645.6 | 645.6 | 645.5 | 645.4 | 645.3 | 646.4 | 647.3 | 648.2 | 649.2 | 649.1 |
| 170°   | 649.1 | 648.8 | 648.9 | 649.0 | 649.2 | 649.3 | 650.1 | 651.0 | 651.9 | 652.8 | 652.6 |
| 172.5° | 651.5 | 651.2 | 651.3 | 651.4 | 651.5 | 651.6 | 652.6 | 653.4 | 654.3 | 655.1 | 655.0 |
| 175°   | 654.0 | 653.8 | 653.8 | 654.0 | 654.1 | 654.2 | 655.1 | 656.2 | 657.1 | 658.1 | 658.0 |
| 177.5° | 655.4 | 655.1 | 655.3 | 655.5 | 655.7 | 655.8 | 656.6 | 657.3 | 658.0 | 658.7 | 658.5 |
| 180°   | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 |



TEST NUMBER: P332991-935

CATALOG NUMBER: S124RDIP-S1195D590U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 |
| 2.5°   | 1628.7 | 1629.8 | 1625.9 | 1624.8 | 1625.9 | 1629.8 | 1628.7 | 1631.9 | 1632.5 | 1636.9 | 1635.3 |
| 5°     | 1511.0 | 1509.6 | 1506.1 | 1506.8 | 1506.1 | 1509.6 | 1511.0 | 1516.5 | 1519.2 | 1530.3 | 1528.9 |
| 7.5°   | 1410.3 | 1405.0 | 1406.4 | 1401.0 | 1406.4 | 1405.0 | 1410.3 | 1415.3 | 1423.7 | 1428.7 | 1440.3 |
| 10°    | 1348.8 | 1341.2 | 1335.0 | 1329.5 | 1335.0 | 1341.2 | 1348.8 | 1351.5 | 1363.1 | 1368.6 | 1380.4 |
| 12.5°  | 1264.6 | 1258.1 | 1249.7 | 1251.4 | 1249.7 | 1258.1 | 1264.6 | 1276.7 | 1291.7 | 1303.2 | 1321.5 |
| 15°    | 1145.2 | 1135.0 | 1118.4 | 1120.5 | 1118.4 | 1135.0 | 1145.2 | 1154.2 | 1169.3 | 1195.4 | 1207.8 |
| 17.5°  | 1044.2 | 1044.3 | 1036.8 | 1038.5 | 1036.8 | 1044.3 | 1044.2 | 1056.4 | 1064.1 | 1080.8 | 1099.8 |
| 20°    | 992.0  | 987.1  | 987.8  | 985.8  | 987.8  | 987.1  | 992.0  | 1006.4 | 1014.7 | 1026.3 | 1047.0 |
| 22.5°  | 955.6  | 949.8  | 944.9  | 940.6  | 944.9  | 949.8  | 955.6  | 959.7  | 970.7  | 981.8  | 998.6  |
| 25°    | 894.3  | 890.2  | 884.1  | 882.7  | 884.1  | 890.2  | 894.3  | 900.5  | 906.0  | 920.5  | 930.7  |
| 27.5°  | 840.4  | 839.6  | 837.2  | 834.0  | 837.2  | 839.6  | 840.4  | 845.9  | 853.1  | 862.3  | 875.4  |
| 30°    | 809.1  | 807.7  | 806.3  | 804.3  | 806.3  | 807.7  | 809.1  | 814.6  | 820.1  | 827.7  | 838.0  |
| 32.5°  | 781.1  | 780.2  | 778.9  | 779.0  | 778.9  | 780.2  | 781.1  | 783.8  | 787.1  | 796.9  | 804.9  |
| 35°    | 741.1  | 740.4  | 739.0  | 738.3  | 739.0  | 740.4  | 741.1  | 743.8  | 745.9  | 748.6  | 755.5  |
| 37.5°  | 703.7  | 705.4  | 704.6  | 704.5  | 704.6  | 705.4  | 703.7  | 704.4  | 702.1  | 707.1  | 711.8  |
| 40°    | 677.8  | 678.5  | 679.8  | 679.2  | 679.8  | 678.5  | 677.8  | 678.5  | 678.5  | 678.5  | 682.6  |
| 42.5°  | 656.3  | 656.5  | 658.4  | 656.1  | 658.4  | 656.5  | 656.3  | 653.8  | 650.5  | 651.0  | 652.4  |
| 45°    | 618.0  | 622.2  | 621.5  | 621.5  | 621.5  | 622.2  | 618.0  | 613.2  | 612.5  | 609.8  | 609.8  |
| 47.5°  | 576.1  | 579.6  | 580.6  | 580.5  | 580.6  | 579.6  | 576.1  | 574.3  | 571.1  | 568.3  | 568.1  |
| 50°    | 548.5  | 547.2  | 549.2  | 548.5  | 549.2  | 547.2  | 548.5  | 545.1  | 540.3  | 540.3  | 539.0  |
| 52.5°  | 515.1  | 515.3  | 515.1  | 514.4  | 515.1  | 515.3  | 515.1  | 513.2  | 511.2  | 508.9  | 508.2  |
| 55°    | 463.3  | 464.0  | 462.6  | 463.3  | 462.6  | 464.0  | 463.3  | 462.6  | 462.6  | 461.2  | 462.6  |
| 57.5°  | 407.3  | 403.9  | 405.3  | 403.6  | 405.3  | 403.9  | 407.3  | 410.3  | 411.4  | 411.6  | 413.7  |
| 60°    | 367.1  | 361.6  | 360.2  | 357.5  | 360.2  | 361.6  | 367.1  | 373.9  | 376.7  | 378.1  | 380.1  |
| 62.5°  | 322.0  | 318.1  | 313.5  | 315.6  | 313.5  | 318.1  | 322.0  | 329.4  | 335.4  | 340.2  | 344.9  |
| 65°    | 261.9  | 259.2  | 257.1  | 259.8  | 257.1  | 259.2  | 261.9  | 267.4  | 272.9  | 283.9  | 294.2  |
| 67.5°  | 216.8  | 215.3  | 215.3  | 214.0  | 215.3  | 215.3  | 216.8  | 219.6  | 223.0  | 229.0  | 238.7  |
| 70°    | 193.2  | 191.1  | 191.1  | 189.8  | 191.1  | 191.1  | 193.2  | 193.2  | 196.6  | 199.3  | 206.2  |
| 72.5°  | 168.9  | 166.9  | 167.5  | 166.6  | 167.5  | 166.9  | 168.9  | 169.5  | 173.0  | 174.1  | 177.1  |
| 75°    | 125.1  | 121.7  | 121.7  | 122.3  | 121.7  | 121.7  | 125.1  | 129.2  | 132.7  | 138.9  | 140.3  |
| 77.5°  | 93.3   | 92.6   | 93.6   | 92.4   | 93.6   | 92.6   | 93.3   | 93.3   | 94.0   | 96.9   | 99.3   |
| 80°    | 76.3   | 75.6   | 74.9   | 77.0   | 74.9   | 75.6   | 76.3   | 76.3   | 77.0   | 77.7   | 78.4   |
| 82.5°  | 59.2   | 59.2   | 59.0   | 61.6   | 59.0   | 59.2   | 59.2   | 60.4   | 60.5   | 60.1   | 60.8   |
| 85°    | 35.7   | 34.4   | 35.7   | 34.4   | 35.7   | 34.4   | 35.7   | 35.0   | 35.7   | 35.0   | 35.7   |
| 87.5°  | 15.5   | 15.0   | 14.5   | 15.1   | 14.5   | 15.0   | 15.5   | 14.3   | 14.2   | 15.2   | 14.6   |
| 90°    | 14.1   | 14.3   | 14.6   | 14.7   | 14.6   | 14.3   | 14.1   | 13.9   | 13.4   | 12.7   | 12.1   |
| 92.5°  | 13.4   | 13.4   | 13.5   | 13.5   | 13.5   | 13.4   | 13.4   | 13.3   | 13.0   | 12.4   | 11.7   |
| 95°    | 13.9   | 14.0   | 14.1   | 14.2   | 14.1   | 14.0   | 13.9   | 13.8   | 13.4   | 12.7   | 12.1   |
| 97.5°  | 13.4   | 13.5   | 13.6   | 13.8   | 13.6   | 13.5   | 13.4   | 13.3   | 13.3   | 13.2   | 13.1   |
| 100°   | 13.4   | 13.5   | 13.6   | 13.8   | 13.6   | 13.5   | 13.4   | 13.3   | 14.2   | 16.0   | 17.9   |
| 102.5° | 14.1   | 14.1   | 14.1   | 14.1   | 14.1   | 14.1   | 14.1   | 14.0   | 24.0   | 44.1   | 64.1   |
| 105°   | 151.8  | 147.8  | 143.9  | 140.0  | 143.9  | 147.8  | 151.8  | 155.7  | 157.1  | 156.2  | 155.2  |
| 107.5° | 193.8  | 194.2  | 194.7  | 195.1  | 194.7  | 194.2  | 193.8  | 193.4  | 193.0  | 192.5  | 192.0  |
| 110°   | 218.1  | 218.3  | 218.7  | 219.0  | 218.7  | 218.3  | 218.1  | 217.7  | 217.5  | 217.2  | 217.1  |



TEST NUMBER: P332991-935

CATALOG NUMBER: S124RDIP-S1195D590U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 241.8 | 242.2 | 242.6 | 243.0 | 242.6 | 242.2 | 241.8 | 241.3 | 241.2 | 241.3 | 241.3 |
| 115°   | 278.0 | 278.0 | 278.0 | 278.0 | 278.0 | 278.0 | 278.0 | 278.0 | 277.8 | 277.7 | 277.4 |
| 117.5° | 313.7 | 313.7 | 313.6 | 313.6 | 313.6 | 313.7 | 313.7 | 313.7 | 313.7 | 313.8 | 313.8 |
| 120°   | 336.6 | 336.4 | 336.1 | 336.0 | 336.1 | 336.4 | 336.6 | 336.8 | 336.8 | 336.6 | 336.4 |
| 122.5° | 358.6 | 358.3 | 358.2 | 357.9 | 358.2 | 358.3 | 358.6 | 358.8 | 358.9 | 358.7 | 358.6 |
| 125°   | 390.6 | 390.7 | 390.8 | 391.0 | 390.8 | 390.7 | 390.6 | 390.5 | 390.3 | 389.9 | 389.6 |
| 127.5° | 420.2 | 420.1 | 420.0 | 419.9 | 420.0 | 420.1 | 420.2 | 420.3 | 420.3 | 420.4 | 420.5 |
| 130°   | 439.5 | 439.5 | 439.5 | 439.5 | 439.5 | 439.5 | 439.5 | 439.5 | 439.5 | 439.4 | 439.3 |
| 132.5° | 457.9 | 457.8 | 457.7 | 457.6 | 457.7 | 457.8 | 457.9 | 458.0 | 458.0 | 457.9 | 457.8 |
| 135°   | 484.1 | 484.3 | 484.6 | 484.7 | 484.6 | 484.3 | 484.1 | 483.9 | 483.6 | 483.5 | 483.2 |
| 137.5° | 508.2 | 508.1 | 508.0 | 507.9 | 508.0 | 508.1 | 508.2 | 508.2 | 508.1 | 507.9 | 507.6 |
| 140°   | 523.7 | 523.8 | 523.9 | 524.0 | 523.9 | 523.8 | 523.7 | 523.6 | 523.4 | 523.1 | 522.7 |
| 142.5° | 537.4 | 537.4 | 537.4 | 537.4 | 537.4 | 537.4 | 537.4 | 537.4 | 537.2 | 536.9 | 536.7 |
| 145°   | 557.2 | 557.5 | 557.8 | 557.9 | 557.8 | 557.5 | 557.2 | 557.1 | 556.9 | 556.8 | 556.6 |
| 147.5° | 574.6 | 574.7 | 574.8 | 574.9 | 574.8 | 574.7 | 574.6 | 574.5 | 574.4 | 574.3 | 574.2 |
| 150°   | 585.6 | 585.7 | 585.8 | 585.9 | 585.8 | 585.7 | 585.6 | 585.5 | 585.4 | 585.4 | 585.4 |
| 152.5° | 595.6 | 595.5 | 595.4 | 595.4 | 595.4 | 595.5 | 595.6 | 595.6 | 595.6 | 595.4 | 595.2 |
| 155°   | 609.0 | 608.6 | 608.4 | 608.0 | 608.4 | 608.6 | 609.0 | 609.3 | 609.2 | 608.8 | 608.4 |
| 157.5° | 620.4 | 619.7 | 619.2 | 618.6 | 619.2 | 619.7 | 620.4 | 620.9 | 620.9 | 620.4 | 619.7 |
| 160°   | 627.7 | 627.0 | 626.4 | 625.7 | 626.4 | 627.0 | 627.7 | 628.4 | 628.4 | 627.7 | 627.0 |
| 162.5° | 633.4 | 632.7 | 632.0 | 631.2 | 632.0 | 632.7 | 633.4 | 634.2 | 634.2 | 633.5 | 632.9 |
| 165°   | 641.9 | 640.9 | 640.0 | 638.9 | 640.0 | 640.9 | 641.9 | 642.9 | 643.0 | 642.0 | 641.2 |
| 167.5° | 648.1 | 647.0 | 645.8 | 644.8 | 645.8 | 647.0 | 648.1 | 649.1 | 649.2 | 648.2 | 647.3 |
| 170°   | 651.6 | 650.5 | 649.4 | 648.3 | 649.4 | 650.5 | 651.6 | 652.6 | 652.8 | 651.9 | 651.0 |
| 172.5° | 653.8 | 652.6 | 651.4 | 650.2 | 651.4 | 652.6 | 653.8 | 655.0 | 655.1 | 654.3 | 653.4 |
| 175°   | 656.7 | 655.3 | 654.0 | 652.7 | 654.0 | 655.3 | 656.7 | 658.0 | 658.1 | 657.1 | 656.2 |
| 177.5° | 657.5 | 656.4 | 655.3 | 654.3 | 655.3 | 656.4 | 657.5 | 658.5 | 658.7 | 658.0 | 657.3 |
| 180°   | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 |



TEST NUMBER: P332991-935

CATALOG NUMBER: S124RDIP-S1195D590U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 |
| 2.5°   | 1631.9 | 1635.8 | 1644.6 | 1654.5 | 1662.8 | 1669.9 | 1675.4 | 1683.1 | 1690.2 | 1700.1 | 1709.5 |
| 5°     | 1533.0 | 1542.6 | 1556.3 | 1572.9 | 1593.5 | 1607.2 | 1624.4 | 1639.5 | 1661.6 | 1683.5 | 1704.9 |
| 7.5°   | 1446.0 | 1456.6 | 1476.9 | 1499.7 | 1524.1 | 1546.7 | 1567.1 | 1593.7 | 1622.9 | 1654.9 | 1690.7 |
| 10°    | 1390.0 | 1401.7 | 1425.7 | 1451.8 | 1480.7 | 1502.7 | 1530.3 | 1561.9 | 1594.8 | 1634.0 | 1678.0 |
| 12.5°  | 1339.4 | 1350.6 | 1379.5 | 1406.2 | 1436.1 | 1460.3 | 1492.3 | 1524.5 | 1568.5 | 1610.9 | 1661.0 |
| 15°    | 1240.8 | 1270.4 | 1303.4 | 1335.0 | 1370.7 | 1400.3 | 1438.8 | 1471.8 | 1513.7 | 1573.6 | 1630.6 |
| 17.5°  | 1131.4 | 1162.9 | 1203.9 | 1252.7 | 1300.6 | 1337.2 | 1376.2 | 1417.2 | 1467.1 | 1528.2 | 1594.1 |
| 20°    | 1067.6 | 1093.0 | 1138.4 | 1192.7 | 1248.4 | 1299.2 | 1335.0 | 1380.4 | 1431.9 | 1497.9 | 1566.0 |
| 22.5°  | 1019.8 | 1041.3 | 1076.8 | 1131.1 | 1191.2 | 1250.3 | 1296.0 | 1340.7 | 1397.8 | 1463.8 | 1537.9 |
| 25°    | 948.0  | 971.4  | 1002.3 | 1039.4 | 1108.1 | 1170.7 | 1230.5 | 1282.0 | 1342.6 | 1408.5 | 1491.0 |
| 27.5°  | 888.3  | 908.6  | 936.9  | 975.6  | 1021.8 | 1090.8 | 1163.3 | 1222.1 | 1284.1 | 1355.0 | 1437.5 |
| 30°    | 853.1  | 869.6  | 892.9  | 932.1  | 976.1  | 1038.0 | 1111.6 | 1180.3 | 1242.9 | 1316.5 | 1402.4 |
| 32.5°  | 816.2  | 833.9  | 856.7  | 887.6  | 934.9  | 986.9  | 1060.4 | 1135.7 | 1202.2 | 1277.4 | 1361.7 |
| 35°    | 767.2  | 780.9  | 801.5  | 833.2  | 875.8  | 921.2  | 986.4  | 1064.1 | 1134.3 | 1214.7 | 1295.1 |
| 37.5°  | 717.6  | 733.7  | 750.0  | 778.2  | 813.1  | 861.9  | 915.4  | 994.7  | 1072.4 | 1145.8 | 1224.3 |
| 40°    | 689.5  | 699.1  | 717.0  | 739.7  | 776.8  | 820.1  | 870.3  | 948.0  | 1025.6 | 1098.5 | 1177.6 |
| 42.5°  | 658.1  | 668.9  | 684.0  | 706.7  | 739.9  | 782.1  | 831.2  | 898.5  | 979.5  | 1050.2 | 1122.1 |
| 45°    | 614.6  | 620.8  | 635.8  | 655.1  | 682.6  | 725.2  | 770.6  | 830.4  | 906.7  | 974.0  | 1037.3 |
| 47.5°  | 570.6  | 575.9  | 585.4  | 603.0  | 633.8  | 668.0  | 710.5  | 764.1  | 831.1  | 898.5  | 951.9  |
| 50°    | 540.3  | 545.1  | 554.1  | 570.6  | 598.1  | 631.7  | 673.6  | 721.8  | 781.6  | 846.2  | 890.9  |
| 52.5°  | 510.1  | 512.7  | 521.1  | 539.8  | 562.8  | 596.0  | 633.5  | 677.8  | 733.7  | 787.4  | 832.6  |
| 55°    | 461.9  | 468.1  | 473.6  | 487.4  | 509.4  | 541.0  | 574.7  | 616.6  | 660.0  | 705.3  | 743.8  |
| 57.5°  | 411.7  | 418.5  | 426.5  | 438.6  | 456.1  | 485.4  | 515.7  | 549.7  | 586.7  | 624.3  | 656.6  |
| 60°    | 378.8  | 385.0  | 391.8  | 405.6  | 421.4  | 444.8  | 477.8  | 507.3  | 535.5  | 569.9  | 602.2  |
| 62.5°  | 346.3  | 352.5  | 360.5  | 371.5  | 386.8  | 409.1  | 436.5  | 462.3  | 491.5  | 521.5  | 545.5  |
| 65°    | 298.3  | 303.2  | 309.4  | 319.7  | 334.1  | 354.0  | 376.7  | 396.7  | 422.8  | 444.8  | 466.7  |
| 67.5°  | 245.7  | 254.9  | 263.0  | 271.4  | 283.6  | 302.2  | 318.6  | 337.7  | 355.4  | 371.8  | 391.8  |
| 70°    | 211.0  | 221.4  | 228.9  | 237.8  | 249.5  | 265.4  | 281.1  | 294.2  | 308.7  | 324.4  | 342.3  |
| 72.5°  | 181.9  | 190.0  | 195.9  | 205.4  | 216.0  | 230.7  | 245.4  | 256.2  | 267.9  | 278.8  | 296.2  |
| 75°    | 143.7  | 147.1  | 151.3  | 158.8  | 168.4  | 179.4  | 191.1  | 200.7  | 207.6  | 217.2  | 229.6  |
| 77.5°  | 103.2  | 109.9  | 112.6  | 118.0  | 124.8  | 131.7  | 139.4  | 147.5  | 154.1  | 157.6  | 167.0  |
| 80°    | 79.0   | 81.8   | 84.6   | 92.1   | 96.3   | 103.1  | 108.6  | 116.1  | 118.9  | 122.3  | 131.3  |
| 82.5°  | 61.5   | 63.1   | 64.7   | 66.8   | 69.3   | 76.2   | 81.7   | 86.4   | 89.2   | 90.5   | 97.2   |
| 85°    | 35.7   | 36.4   | 37.1   | 37.8   | 38.5   | 38.5   | 41.2   | 44.7   | 49.5   | 49.5   | 51.6   |
| 87.5°  | 14.4   | 14.8   | 14.6   | 13.9   | 14.8   | 14.6   | 15.0   | 14.7   | 16.2   | 17.6   | 19.0   |
| 90°    | 11.5   | 10.8   | 9.9    | 9.0    | 8.2    | 7.3    | 6.3    | 5.1    | 3.9    | 2.7    | 1.5    |
| 92.5°  | 11.1   | 10.4   | 9.6    | 8.7    | 7.8    | 6.9    | 6.5    | 6.4    | 6.3    | 6.3    | 6.2    |
| 95°    | 11.5   | 10.8   | 10.7   | 10.6   | 10.5   | 10.3   | 12.1   | 15.8   | 19.6   | 23.3   | 27.0   |
| 97.5°  | 13.0   | 13.0   | 25.1   | 37.4   | 49.5   | 61.6   | 66.6   | 64.3   | 62.0   | 59.7   | 57.3   |
| 100°   | 19.7   | 21.6   | 36.7   | 51.7   | 66.8   | 81.9   | 88.4   | 86.4   | 84.5   | 82.5   | 80.5   |
| 102.5° | 84.1   | 104.1  | 106.1  | 108.1  | 110.0  | 112.0  | 112.3  | 110.8  | 109.3  | 107.9  | 106.5  |
| 105°   | 154.2  | 153.3  | 152.7  | 152.1  | 151.6  | 151.0  | 150.4  | 149.8  | 149.1  | 148.5  | 147.8  |
| 107.5° | 191.6  | 191.1  | 190.3  | 189.6  | 188.8  | 188.0  | 187.5  | 187.2  | 186.9  | 186.6  | 186.2  |
| 110°   | 216.8  | 216.6  | 215.9  | 215.2  | 214.6  | 214.0  | 213.4  | 213.2  | 212.8  | 212.5  | 212.2  |



TEST NUMBER: P332991-935

CATALOG NUMBER: S124RDIP-S1195D590U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 241.3 | 241.3 | 241.1 | 240.7 | 240.4 | 240.1 | 239.7 | 239.1 | 238.5 | 237.9 | 237.3 |
| 115°   | 277.2 | 277.0 | 277.1 | 277.2 | 277.3 | 277.4 | 277.3 | 277.0 | 276.6 | 276.4 | 276.0 |
| 117.5° | 313.9 | 313.9 | 313.7 | 313.5 | 313.2 | 313.0 | 312.6 | 312.2 | 311.8 | 311.3 | 310.9 |
| 120°   | 336.1 | 336.0 | 336.0 | 336.1 | 336.3 | 336.4 | 336.2 | 335.8 | 335.4 | 334.9 | 334.5 |
| 122.5° | 358.4 | 358.3 | 358.2 | 358.0 | 357.9 | 357.7 | 357.5 | 357.2 | 357.0 | 356.7 | 356.5 |
| 125°   | 389.3 | 389.0 | 389.2 | 389.4 | 389.6 | 389.9 | 389.8 | 389.3 | 388.9 | 388.4 | 388.0 |
| 127.5° | 420.5 | 420.6 | 420.1 | 419.6 | 419.1 | 418.6 | 418.3 | 418.2 | 418.1 | 417.9 | 417.8 |
| 130°   | 439.2 | 439.1 | 438.8 | 438.4 | 438.1 | 437.7 | 437.6 | 437.5 | 437.3 | 437.2 | 437.1 |
| 132.5° | 457.6 | 457.5 | 457.1 | 456.7 | 456.3 | 455.9 | 455.6 | 455.4 | 455.2 | 455.0 | 454.8 |
| 135°   | 483.0 | 482.8 | 482.3 | 481.9 | 481.5 | 481.0 | 480.9 | 481.0 | 481.1 | 481.2 | 481.3 |
| 137.5° | 507.4 | 507.1 | 506.7 | 506.2 | 505.7 | 505.2 | 505.0 | 504.9 | 504.9 | 504.8 | 504.8 |
| 140°   | 522.4 | 522.1 | 521.9 | 521.7 | 521.4 | 521.2 | 521.0 | 520.7 | 520.6 | 520.3 | 520.1 |
| 142.5° | 536.5 | 536.2 | 536.1 | 536.0 | 535.8 | 535.7 | 535.5 | 535.0 | 534.7 | 534.3 | 533.9 |
| 145°   | 556.6 | 556.5 | 556.5 | 556.5 | 556.5 | 556.5 | 556.3 | 555.9 | 555.6 | 555.3 | 555.0 |
| 147.5° | 574.1 | 574.0 | 574.1 | 574.3 | 574.4 | 574.5 | 574.2 | 573.6 | 573.0 | 572.4 | 571.8 |
| 150°   | 585.4 | 585.4 | 585.6 | 585.7 | 585.7 | 585.9 | 585.7 | 585.3 | 584.9 | 584.4 | 583.9 |
| 152.5° | 595.0 | 594.9 | 595.0 | 595.3 | 595.5 | 595.6 | 595.6 | 595.2 | 594.9 | 594.5 | 594.2 |
| 155°   | 608.0 | 607.5 | 607.9 | 608.2 | 608.6 | 608.8 | 609.0 | 608.8 | 608.7 | 608.6 | 608.6 |
| 157.5° | 619.2 | 618.6 | 619.0 | 619.4 | 619.7 | 620.1 | 620.4 | 620.4 | 620.4 | 620.5 | 620.6 |
| 160°   | 626.4 | 625.7 | 625.8 | 625.9 | 626.0 | 626.1 | 626.4 | 626.7 | 627.0 | 627.3 | 627.7 |
| 162.5° | 632.2 | 631.6 | 631.7 | 631.8 | 631.9 | 632.1 | 632.3 | 632.7 | 633.1 | 633.5 | 634.0 |
| 165°   | 640.3 | 639.5 | 639.5 | 639.5 | 639.5 | 639.5 | 639.7 | 640.2 | 640.8 | 641.4 | 641.9 |
| 167.5° | 646.4 | 645.3 | 645.4 | 645.5 | 645.6 | 645.6 | 645.9 | 646.5 | 647.0 | 647.6 | 648.2 |
| 170°   | 650.1 | 649.3 | 649.2 | 649.0 | 648.9 | 648.8 | 649.1 | 649.8 | 650.4 | 651.1 | 651.8 |
| 172.5° | 652.6 | 651.6 | 651.5 | 651.4 | 651.3 | 651.2 | 651.5 | 652.1 | 652.8 | 653.4 | 654.1 |
| 175°   | 655.1 | 654.2 | 654.1 | 654.0 | 653.8 | 653.8 | 654.0 | 654.7 | 655.3 | 656.0 | 656.7 |
| 177.5° | 656.6 | 655.8 | 655.7 | 655.5 | 655.3 | 655.1 | 655.4 | 656.0 | 656.6 | 657.2 | 657.8 |
| 180°   | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 |



TEST NUMBER: P332991-935

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**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 |
| 2.5°   | 1716.7 | 1721.6 | 1727.1 | 1737.6 | 1746.4 | 1750.2 | 1757.9 | 1763.4 | 1761.8 | 1769.4 | 1782.6 |
| 5°     | 1723.4 | 1742.0 | 1763.2 | 1785.3 | 1810.0 | 1830.7 | 1847.1 | 1863.6 | 1876.7 | 1892.5 | 1915.9 |
| 7.5°   | 1722.3 | 1755.3 | 1791.1 | 1830.7 | 1871.2 | 1906.3 | 1938.7 | 1971.7 | 2001.0 | 2033.0 | 2074.9 |
| 10°    | 1717.9 | 1761.9 | 1806.6 | 1858.1 | 1909.7 | 1958.5 | 2002.5 | 2043.8 | 2082.9 | 2124.9 | 2177.8 |
| 12.5°  | 1713.0 | 1763.5 | 1817.6 | 1879.6 | 1943.8 | 2002.5 | 2054.2 | 2113.6 | 2162.7 | 2216.7 | 2277.9 |
| 15°    | 1691.1 | 1759.1 | 1832.7 | 1913.1 | 1990.1 | 2069.2 | 2139.9 | 2212.9 | 2280.9 | 2345.5 | 2422.5 |
| 17.5°  | 1666.0 | 1744.6 | 1831.3 | 1926.3 | 2018.9 | 2115.0 | 2199.0 | 2290.8 | 2360.3 | 2447.1 | 2518.6 |
| 20°    | 1645.7 | 1730.3 | 1823.1 | 1929.6 | 2034.8 | 2141.3 | 2234.1 | 2327.6 | 2406.0 | 2493.3 | 2584.0 |
| 22.5°  | 1620.9 | 1713.7 | 1814.3 | 1924.7 | 2034.8 | 2151.2 | 2253.9 | 2346.9 | 2443.9 | 2542.3 | 2635.8 |
| 25°    | 1581.1 | 1677.3 | 1783.9 | 1904.9 | 2031.4 | 2150.3 | 2260.3 | 2375.8 | 2480.3 | 2586.8 | 2670.6 |
| 27.5°  | 1532.1 | 1633.2 | 1745.5 | 1870.4 | 2000.2 | 2121.9 | 2251.5 | 2374.6 | 2479.7 | 2582.2 | 2655.4 |
| 30°    | 1493.1 | 1599.7 | 1707.5 | 1834.1 | 1968.8 | 2099.4 | 2238.3 | 2361.3 | 2472.0 | 2564.1 | 2605.4 |
| 32.5°  | 1452.9 | 1554.0 | 1665.3 | 1793.4 | 1931.4 | 2071.9 | 2209.7 | 2335.5 | 2437.9 | 2493.2 | 2494.2 |
| 35°    | 1383.1 | 1478.0 | 1593.5 | 1719.2 | 1860.9 | 2013.4 | 2153.0 | 2276.7 | 2339.3 | 2344.2 | 2276.7 |
| 37.5°  | 1306.9 | 1394.0 | 1503.0 | 1628.9 | 1784.0 | 1935.8 | 2078.4 | 2160.9 | 2181.8 | 2111.8 | 1987.2 |
| 40°    | 1252.5 | 1332.9 | 1438.1 | 1567.4 | 1721.3 | 1878.1 | 2008.0 | 2068.5 | 2046.5 | 1933.0 | 1794.2 |
| 42.5°  | 1195.3 | 1270.2 | 1371.6 | 1499.2 | 1653.7 | 1812.1 | 1922.8 | 1955.2 | 1896.9 | 1765.9 | 1603.4 |
| 45°    | 1102.0 | 1170.7 | 1271.1 | 1399.6 | 1548.1 | 1696.6 | 1780.5 | 1763.9 | 1667.0 | 1511.7 | 1329.5 |
| 47.5°  | 1004.8 | 1071.2 | 1161.5 | 1280.4 | 1432.4 | 1560.6 | 1617.4 | 1567.6 | 1429.7 | 1258.8 | 1110.6 |
| 50°    | 940.4  | 1008.5 | 1091.7 | 1205.1 | 1343.9 | 1467.7 | 1504.1 | 1428.5 | 1275.1 | 1110.9 | 974.7  |
| 52.5°  | 877.2  | 935.3  | 1016.8 | 1126.4 | 1259.2 | 1363.7 | 1383.1 | 1296.0 | 1137.7 | 990.4  | 869.7  |
| 55°    | 780.9  | 833.9  | 902.6  | 1005.7 | 1120.5 | 1209.2 | 1198.9 | 1086.8 | 943.1  | 817.3  | 722.5  |
| 57.5°  | 687.9  | 727.7  | 791.3  | 887.9  | 988.7  | 1048.2 | 1010.6 | 915.0  | 781.1  | 678.1  | 598.1  |
| 60°    | 626.3  | 663.4  | 722.5  | 807.0  | 895.7  | 929.4  | 897.8  | 794.0  | 688.1  | 593.9  | 526.6  |
| 62.5°  | 567.9  | 600.7  | 651.5  | 730.0  | 801.7  | 821.7  | 787.8  | 697.2  | 601.8  | 521.3  | 465.5  |
| 65°    | 483.3  | 513.5  | 556.8  | 612.5  | 662.0  | 671.6  | 649.6  | 556.8  | 484.7  | 417.2  | 378.8  |
| 67.5°  | 406.4  | 426.2  | 460.0  | 508.2  | 534.4  | 540.0  | 497.6  | 439.3  | 375.7  | 334.2  | 305.2  |
| 70°    | 354.7  | 368.4  | 400.1  | 426.2  | 447.5  | 448.2  | 409.1  | 362.3  | 313.5  | 279.8  | 258.5  |
| 72.5°  | 304.7  | 317.9  | 341.8  | 359.6  | 376.0  | 370.7  | 334.8  | 297.9  | 258.5  | 233.1  | 217.2  |
| 75°    | 235.1  | 246.8  | 259.2  | 267.4  | 267.4  | 260.5  | 234.5  | 206.9  | 184.3  | 169.1  | 164.3  |
| 77.5°  | 170.9  | 180.6  | 184.7  | 183.4  | 180.9  | 170.2  | 153.7  | 135.7  | 127.6  | 120.5  | 116.8  |
| 80°    | 134.1  | 138.2  | 139.6  | 136.1  | 132.0  | 119.6  | 108.6  | 101.1  | 93.5   | 90.7   | 89.4   |
| 82.5°  | 99.4   | 103.0  | 99.4   | 100.4  | 91.3   | 81.1   | 75.1   | 72.5   | 69.3   | 68.2   | 66.8   |
| 85°    | 53.0   | 52.3   | 50.9   | 47.4   | 41.2   | 39.9   | 39.2   | 38.5   | 37.1   | 37.8   | 36.4   |
| 87.5°  | 18.7   | 17.3   | 15.3   | 15.0   | 15.2   | 14.3   | 15.0   | 15.2   | 15.3   | 15.0   | 16.2   |
| 90°    | 2.7    | 3.9    | 5.1    | 6.3    | 7.3    | 8.2    | 9.0    | 9.9    | 10.8   | 11.5   | 12.1   |
| 92.5°  | 6.3    | 6.3    | 6.4    | 6.5    | 6.9    | 7.8    | 8.7    | 9.6    | 10.4   | 11.1   | 11.7   |
| 95°    | 23.3   | 19.6   | 15.8   | 12.1   | 10.3   | 10.5   | 10.6   | 10.7   | 10.8   | 11.5   | 12.1   |
| 97.5°  | 59.7   | 62.0   | 64.3   | 66.6   | 61.6   | 49.5   | 37.4   | 25.1   | 13.0   | 13.0   | 13.1   |
| 100°   | 82.5   | 84.5   | 86.4   | 88.4   | 81.9   | 66.8   | 51.7   | 36.7   | 21.6   | 19.7   | 17.9   |
| 102.5° | 107.9  | 109.3  | 110.8  | 112.3  | 112.0  | 110.0  | 108.1  | 106.1  | 104.1  | 84.1   | 64.1   |
| 105°   | 148.5  | 149.1  | 149.8  | 150.4  | 151.0  | 151.6  | 152.1  | 152.7  | 153.3  | 154.2  | 155.2  |
| 107.5° | 186.6  | 186.9  | 187.2  | 187.5  | 188.0  | 188.8  | 189.6  | 190.3  | 191.1  | 191.6  | 192.0  |
| 110°   | 212.5  | 212.8  | 213.2  | 213.4  | 214.0  | 214.6  | 215.2  | 215.9  | 216.6  | 216.8  | 217.1  |





TEST NUMBER: P332991-935

CATALOG NUMBER: S124RDIP-S1195D590U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.9 | 238.5 | 239.1 | 239.7 | 240.1 | 240.4 | 240.7 | 241.1 | 241.3 | 241.3 | 241.3 |
| 115°   | 276.4 | 276.6 | 277.0 | 277.3 | 277.4 | 277.3 | 277.2 | 277.1 | 277.0 | 277.2 | 277.4 |
| 117.5° | 311.3 | 311.8 | 312.2 | 312.6 | 313.0 | 313.2 | 313.5 | 313.7 | 313.9 | 313.9 | 313.8 |
| 120°   | 334.9 | 335.4 | 335.8 | 336.2 | 336.4 | 336.3 | 336.1 | 336.0 | 336.0 | 336.1 | 336.4 |
| 122.5° | 356.7 | 357.0 | 357.2 | 357.5 | 357.7 | 357.9 | 358.0 | 358.2 | 358.3 | 358.4 | 358.6 |
| 125°   | 388.4 | 388.9 | 389.3 | 389.8 | 389.9 | 389.6 | 389.4 | 389.2 | 389.0 | 389.3 | 389.6 |
| 127.5° | 417.9 | 418.1 | 418.2 | 418.3 | 418.6 | 419.1 | 419.6 | 420.1 | 420.6 | 420.5 | 420.5 |
| 130°   | 437.2 | 437.3 | 437.5 | 437.6 | 437.7 | 438.1 | 438.4 | 438.8 | 439.1 | 439.2 | 439.3 |
| 132.5° | 455.0 | 455.2 | 455.4 | 455.6 | 455.9 | 456.3 | 456.7 | 457.1 | 457.5 | 457.6 | 457.8 |
| 135°   | 481.2 | 481.1 | 481.0 | 480.9 | 481.0 | 481.5 | 481.9 | 482.3 | 482.8 | 483.0 | 483.2 |
| 137.5° | 504.8 | 504.9 | 504.9 | 505.0 | 505.2 | 505.7 | 506.2 | 506.7 | 507.1 | 507.4 | 507.6 |
| 140°   | 520.3 | 520.6 | 520.7 | 521.0 | 521.2 | 521.4 | 521.7 | 521.9 | 522.1 | 522.4 | 522.7 |
| 142.5° | 534.3 | 534.7 | 535.0 | 535.5 | 535.7 | 535.8 | 536.0 | 536.1 | 536.2 | 536.5 | 536.7 |
| 145°   | 555.3 | 555.6 | 555.9 | 556.3 | 556.5 | 556.5 | 556.5 | 556.5 | 556.5 | 556.6 | 556.6 |
| 147.5° | 572.4 | 573.0 | 573.6 | 574.2 | 574.5 | 574.4 | 574.3 | 574.1 | 574.0 | 574.1 | 574.2 |
| 150°   | 584.4 | 584.9 | 585.3 | 585.7 | 585.9 | 585.7 | 585.7 | 585.6 | 585.4 | 585.4 | 585.4 |
| 152.5° | 594.5 | 594.9 | 595.2 | 595.6 | 595.6 | 595.5 | 595.3 | 595.0 | 594.9 | 595.0 | 595.2 |
| 155°   | 608.6 | 608.7 | 608.8 | 609.0 | 608.8 | 608.6 | 608.2 | 607.9 | 607.5 | 608.0 | 608.4 |
| 157.5° | 620.5 | 620.4 | 620.4 | 620.4 | 620.1 | 619.7 | 619.4 | 619.0 | 618.6 | 619.2 | 619.7 |
| 160°   | 627.3 | 627.0 | 626.7 | 626.4 | 626.1 | 626.0 | 625.9 | 625.8 | 625.7 | 626.4 | 627.0 |
| 162.5° | 633.5 | 633.1 | 632.7 | 632.3 | 632.1 | 631.9 | 631.8 | 631.7 | 631.6 | 632.2 | 632.9 |
| 165°   | 641.4 | 640.8 | 640.2 | 639.7 | 639.5 | 639.5 | 639.5 | 639.5 | 639.5 | 640.3 | 641.2 |
| 167.5° | 647.6 | 647.0 | 646.5 | 645.9 | 645.6 | 645.6 | 645.5 | 645.4 | 645.3 | 646.4 | 647.3 |
| 170°   | 651.1 | 650.4 | 649.8 | 649.1 | 648.8 | 648.9 | 649.0 | 649.2 | 649.3 | 650.1 | 651.0 |
| 172.5° | 653.4 | 652.8 | 652.1 | 651.5 | 651.2 | 651.3 | 651.4 | 651.5 | 651.6 | 652.6 | 653.4 |
| 175°   | 656.0 | 655.3 | 654.7 | 654.0 | 653.8 | 653.8 | 654.0 | 654.1 | 654.2 | 655.1 | 656.2 |
| 177.5° | 657.2 | 656.6 | 656.0 | 655.4 | 655.1 | 655.3 | 655.5 | 655.7 | 655.8 | 656.6 | 657.3 |
| 180°   | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 |



TEST NUMBER: P332991-935

CATALOG NUMBER: S124RDIP-S1195D590U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 | 1706.2 |
| 2.5°   | 1789.8 | 1792.0 | 1793.6 | 1799.1 | 1799.7 | 1804.7 | 1799.7 |
| 5°     | 1937.9 | 1947.5 | 1962.6 | 1977.7 | 1979.1 | 1988.7 | 1971.5 |
| 7.5°   | 2103.9 | 2126.2 | 2140.1 | 2164.6 | 2174.2 | 2180.2 | 2170.3 |
| 10°    | 2218.4 | 2238.9 | 2275.4 | 2293.3 | 2311.2 | 2313.9 | 2305.7 |
| 12.5°  | 2328.9 | 2361.6 | 2390.3 | 2424.1 | 2423.4 | 2447.6 | 2438.7 |
| 15°    | 2476.1 | 2509.8 | 2549.7 | 2587.5 | 2601.3 | 2601.3 | 2612.3 |
| 17.5°  | 2581.2 | 2642.9 | 2684.2 | 2713.9 | 2746.2 | 2751.9 | 2748.1 |
| 20°    | 2652.1 | 2718.8 | 2762.8 | 2801.3 | 2823.3 | 2829.5 | 2829.5 |
| 22.5°  | 2704.9 | 2761.7 | 2804.6 | 2839.2 | 2857.4 | 2864.6 | 2862.5 |
| 25°    | 2741.5 | 2790.2 | 2816.4 | 2826.7 | 2831.5 | 2830.2 | 2817.1 |
| 27.5°  | 2691.4 | 2689.2 | 2672.7 | 2641.1 | 2617.4 | 2602.9 | 2586.4 |
| 30°    | 2595.7 | 2560.0 | 2518.8 | 2473.4 | 2414.9 | 2370.2 | 2356.5 |
| 32.5°  | 2453.3 | 2373.0 | 2303.2 | 2227.6 | 2164.7 | 2120.0 | 2101.4 |
| 35°    | 2177.8 | 2050.6 | 1946.8 | 1856.1 | 1790.1 | 1748.9 | 1735.1 |
| 37.5°  | 1850.8 | 1727.8 | 1599.2 | 1511.2 | 1456.6 | 1414.9 | 1399.3 |
| 40°    | 1643.0 | 1508.9 | 1396.9 | 1314.4 | 1258.0 | 1217.5 | 1216.8 |
| 42.5°  | 1453.2 | 1325.3 | 1219.8 | 1160.4 | 1099.6 | 1072.8 | 1072.6 |
| 45°    | 1189.9 | 1087.5 | 998.2  | 951.4  | 915.0  | 892.9  | 886.7  |
| 47.5°  | 985.2  | 900.5  | 841.0  | 803.7  | 774.0  | 760.0  | 751.0  |
| 50°    | 870.3  | 796.1  | 748.6  | 716.3  | 699.8  | 681.9  | 680.5  |
| 52.5°  | 774.6  | 714.6  | 677.7  | 651.4  | 630.5  | 619.7  | 620.1  |
| 55°    | 651.0  | 603.6  | 577.5  | 557.5  | 541.0  | 532.8  | 529.3  |
| 57.5°  | 548.5  | 512.8  | 493.9  | 475.5  | 468.6  | 462.1  | 460.3  |
| 60°    | 484.7  | 460.5  | 442.7  | 428.3  | 417.9  | 415.9  | 415.2  |
| 62.5°  | 431.9  | 406.7  | 394.3  | 383.1  | 375.7  | 372.5  | 371.2  |
| 65°    | 356.1  | 337.5  | 326.5  | 317.6  | 314.9  | 310.0  | 309.4  |
| 67.5°  | 287.1  | 276.0  | 268.6  | 262.4  | 258.7  | 258.5  | 258.5  |
| 70°    | 244.7  | 238.5  | 232.4  | 228.9  | 226.9  | 225.5  | 225.5  |
| 72.5°  | 208.4  | 203.9  | 198.8  | 197.0  | 196.6  | 195.2  | 194.7  |
| 75°    | 158.8  | 153.9  | 154.6  | 151.3  | 148.5  | 145.1  | 143.0  |
| 77.5°  | 112.6  | 109.2  | 108.5  | 108.1  | 105.7  | 105.3  | 106.4  |
| 80°    | 87.3   | 83.9   | 83.2   | 83.9   | 83.2   | 81.1   | 81.1   |
| 82.5°  | 66.4   | 63.5   | 62.9   | 62.4   | 61.7   | 62.4   | 61.3   |
| 85°    | 35.7   | 34.4   | 34.4   | 34.4   | 35.7   | 35.0   | 34.4   |
| 87.5°  | 15.2   | 14.8   | 15.4   | 14.9   | 15.0   | 14.5   | 15.1   |
| 90°    | 12.7   | 13.4   | 13.9   | 14.1   | 14.3   | 14.6   | 14.7   |
| 92.5°  | 12.4   | 13.0   | 13.3   | 13.4   | 13.4   | 13.5   | 13.5   |
| 95°    | 12.7   | 13.4   | 13.8   | 13.9   | 14.0   | 14.1   | 14.2   |
| 97.5°  | 13.2   | 13.3   | 13.3   | 13.4   | 13.5   | 13.6   | 13.8   |
| 100°   | 16.0   | 14.2   | 13.3   | 13.4   | 13.5   | 13.6   | 13.8   |
| 102.5° | 44.1   | 24.0   | 14.0   | 14.1   | 14.1   | 14.1   | 14.1   |
| 105°   | 156.2  | 157.1  | 155.7  | 151.8  | 147.8  | 143.9  | 140.0  |
| 107.5° | 192.5  | 193.0  | 193.4  | 193.8  | 194.2  | 194.7  | 195.1  |
| 110°   | 217.2  | 217.5  | 217.7  | 218.1  | 218.3  | 218.7  | 219.0  |



TEST NUMBER: P332991-935

CATALOG NUMBER: S124RDIP-S1195D590U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 241.3 | 241.2 | 241.3 | 241.8 | 242.2 | 242.6 | 243.0 |
| 115°   | 277.7 | 277.8 | 278.0 | 278.0 | 278.0 | 278.0 | 278.0 |
| 117.5° | 313.8 | 313.7 | 313.7 | 313.7 | 313.7 | 313.6 | 313.6 |
| 120°   | 336.6 | 336.8 | 336.8 | 336.6 | 336.4 | 336.1 | 336.0 |
| 122.5° | 358.7 | 358.9 | 358.8 | 358.6 | 358.3 | 358.2 | 357.9 |
| 125°   | 389.9 | 390.3 | 390.5 | 390.6 | 390.7 | 390.8 | 391.0 |
| 127.5° | 420.4 | 420.3 | 420.3 | 420.2 | 420.1 | 420.0 | 419.9 |
| 130°   | 439.4 | 439.5 | 439.5 | 439.5 | 439.5 | 439.5 | 439.5 |
| 132.5° | 457.9 | 458.0 | 458.0 | 457.9 | 457.8 | 457.7 | 457.6 |
| 135°   | 483.5 | 483.6 | 483.9 | 484.1 | 484.3 | 484.6 | 484.7 |
| 137.5° | 507.9 | 508.1 | 508.2 | 508.2 | 508.1 | 508.0 | 507.9 |
| 140°   | 523.1 | 523.4 | 523.6 | 523.7 | 523.8 | 523.9 | 524.0 |
| 142.5° | 536.9 | 537.2 | 537.4 | 537.4 | 537.4 | 537.4 | 537.4 |
| 145°   | 556.8 | 556.9 | 557.1 | 557.2 | 557.5 | 557.8 | 557.9 |
| 147.5° | 574.3 | 574.4 | 574.5 | 574.6 | 574.7 | 574.8 | 574.9 |
| 150°   | 585.4 | 585.4 | 585.5 | 585.6 | 585.7 | 585.8 | 585.9 |
| 152.5° | 595.4 | 595.6 | 595.6 | 595.6 | 595.5 | 595.4 | 595.4 |
| 155°   | 608.8 | 609.2 | 609.3 | 609.0 | 608.6 | 608.4 | 608.0 |
| 157.5° | 620.4 | 620.9 | 620.9 | 620.4 | 619.7 | 619.2 | 618.6 |
| 160°   | 627.7 | 628.4 | 628.4 | 627.7 | 627.0 | 626.4 | 625.7 |
| 162.5° | 633.5 | 634.2 | 634.2 | 633.4 | 632.7 | 632.0 | 631.2 |
| 165°   | 642.0 | 643.0 | 642.9 | 641.9 | 640.9 | 640.0 | 638.9 |
| 167.5° | 648.2 | 649.2 | 649.1 | 648.1 | 647.0 | 645.8 | 644.8 |
| 170°   | 651.9 | 652.8 | 652.6 | 651.6 | 650.5 | 649.4 | 648.3 |
| 172.5° | 654.3 | 655.1 | 655.0 | 653.8 | 652.6 | 651.4 | 650.2 |
| 175°   | 657.1 | 658.1 | 658.0 | 656.7 | 655.3 | 654.0 | 652.7 |
| 177.5° | 658.0 | 658.7 | 658.5 | 657.5 | 656.4 | 655.3 | 654.3 |
| 180°   | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 | 656.7 |

(END OF REPORT)