

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: P333010

Luminaire Tested: **S124RDIP-S1195D1205U835-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333010  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1  
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1205 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

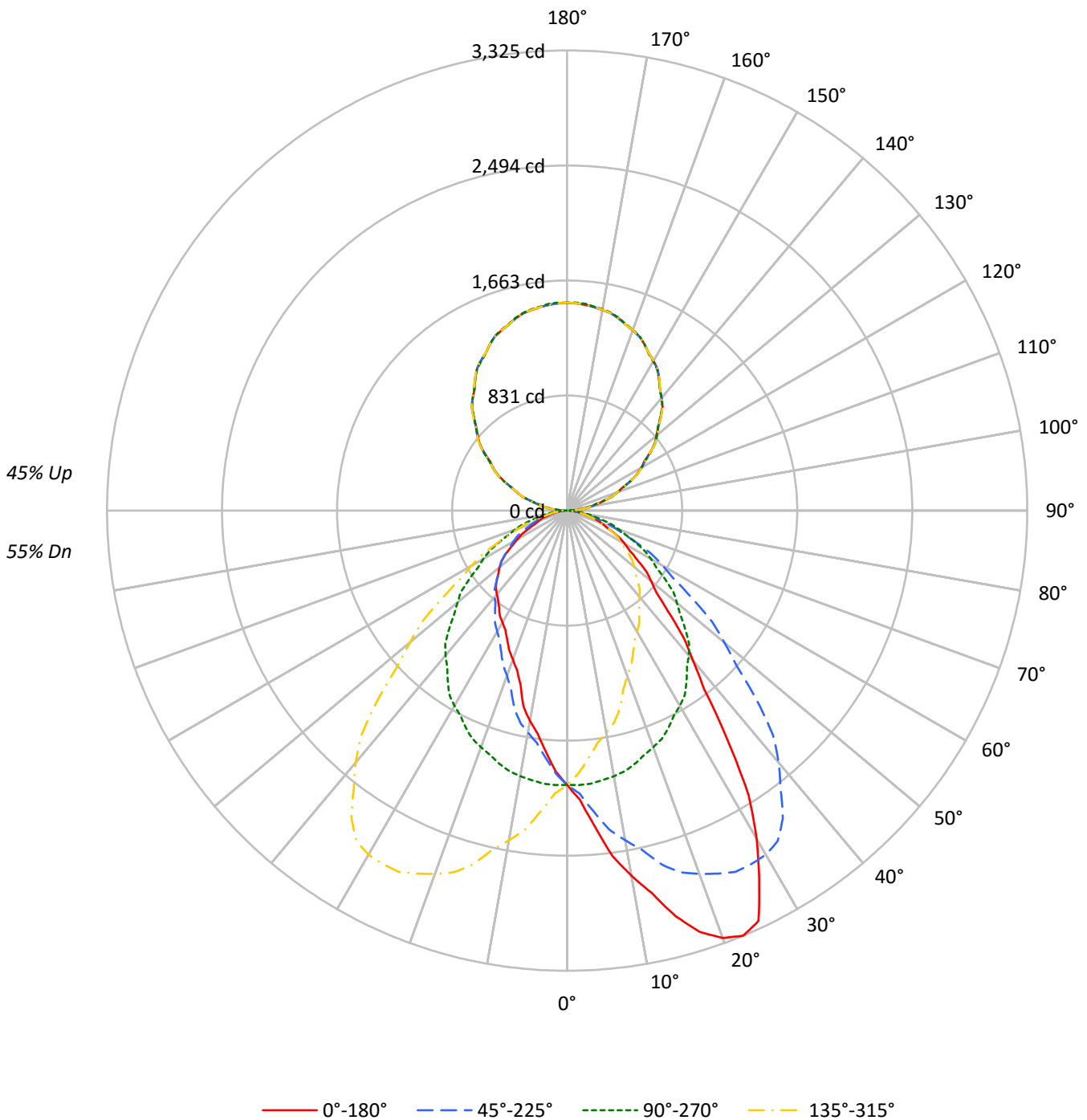
Lumens per Lamp: N/A  
Luminaire Lumens: 9181.4 lumens  
Efficiency: N/A  
Efficacy: 128.1 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39  
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 71.7  
Input Voltage (V): 120  
Input Current (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: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

### Luminous Intensity Polar Plot





TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
| 0   | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 73 | 73 | 73 | 60 | 60 | 60 | 55 |
| 1   | 99  | 95  | 91  | 88  | 92  | 89  | 85  | 82  | 76 | 74 | 72 | 65 | 63 | 62 | 54 | 53 | 52 | 47 |
| 2   | 91  | 84  | 78  | 73  | 84  | 78  | 73  | 68  | 67 | 63 | 60 | 57 | 55 | 52 | 48 | 46 | 45 | 40 |
| 3   | 83  | 74  | 67  | 61  | 77  | 69  | 63  | 58  | 60 | 55 | 51 | 51 | 48 | 45 | 43 | 41 | 38 | 35 |
| 4   | 76  | 66  | 58  | 52  | 71  | 61  | 55  | 49  | 53 | 48 | 44 | 46 | 42 | 39 | 39 | 36 | 33 | 30 |
| 5   | 70  | 59  | 51  | 45  | 65  | 55  | 48  | 43  | 48 | 42 | 38 | 41 | 37 | 34 | 35 | 32 | 29 | 26 |
| 6   | 65  | 53  | 45  | 39  | 60  | 50  | 43  | 37  | 43 | 38 | 34 | 38 | 33 | 30 | 32 | 29 | 26 | 23 |
| 7   | 60  | 48  | 40  | 35  | 56  | 45  | 38  | 33  | 39 | 34 | 30 | 34 | 30 | 26 | 29 | 26 | 23 | 21 |
| 8   | 56  | 44  | 36  | 31  | 52  | 41  | 34  | 29  | 36 | 30 | 27 | 31 | 27 | 24 | 27 | 24 | 21 | 19 |
| 9   | 52  | 40  | 32  | 27  | 48  | 38  | 31  | 26  | 33 | 28 | 24 | 29 | 25 | 21 | 25 | 22 | 19 | 17 |
| 10  | 49  | 37  | 30  | 25  | 45  | 35  | 28  | 24  | 31 | 25 | 22 | 27 | 22 | 19 | 23 | 20 | 17 | 15 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15998 | 15998 | 15998 | 15998 |
| 5°  | 18556 | 16046 | 14182 | 16046 |
| 10° | 21952 | 15976 | 12658 | 15976 |
| 15° | 25357 | 15828 | 10877 | 15828 |
| 20° | 28233 | 15625 | 9836  | 15625 |
| 25° | 29144 | 15425 | 9132  | 15425 |
| 30° | 25513 | 15183 | 8708  | 15183 |
| 35° | 19860 | 14824 | 8451  | 14824 |
| 40° | 14893 | 14413 | 8313  | 14413 |
| 45° | 11758 | 13755 | 8241  | 13755 |
| 50° | 9927  | 12995 | 8002  | 12995 |
| 55° | 8653  | 12159 | 7574  | 12159 |
| 60° | 7786  | 11292 | 6704  | 11292 |
| 65° | 6863  | 10355 | 5765  | 10355 |
| 70° | 6182  | 9385  | 5202  | 9385  |
| 75° | 5181  | 8319  | 4432  | 8319  |
| 80° | 4379  | 7090  | 4156  | 7090  |
| 85° | 3696  | 5548  | 3696  | 5548  |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 192.0  | 2.1       |
| 10°-20°   | 579.2  | 6.3       |
| 20°-30°   | 905.9  | 9.9       |
| 30°-40°   | 1007.1 | 11.0      |
| 40°-50°   | 893.5  | 9.7       |
| 50°-60°   | 696.2  | 7.6       |
| 60°-70°   | 455.8  | 5.0       |
| 70°-80°   | 224.2  | 2.4       |
| 80°-90°   | 59.8   | 0.7       |
| 90°-100°  | 99.1   | 1.1       |
| 100°-110° | 293.5  | 3.2       |
| 110°-120° | 498.2  | 5.4       |
| 120°-130° | 656.9  | 7.2       |
| 130°-140° | 737.7  | 8.0       |
| 140°-150° | 724.9  | 7.9       |
| 150°-160° | 609.7  | 6.6       |
| 160°-170° | 405.7  | 4.4       |
| 170°-180° | 142.1  | 1.5       |
| 0°-30°    | 1677.1 | 18.3      |
| 0°-40°    | 2684.1 | 29.2      |
| 0°-60°    | 4273.8 | 46.5      |
| 0°-90°    | 5013.6 | 54.6      |
| 90°-120°  | 890.8  | 9.7       |
| 90°-150°  | 3010.3 | 32.8      |
| 90°-180°  | 4168.0 | 45.4      |
| 0°-180°   | 9181.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1982 | 1982 | 1982 | 1982 | 1982 |      |
| 5°   | 2290 | 1980 | 1750 | 1980 | 2290 | 232  |
| 15°  | 3034 | 1894 | 1301 | 1894 | 3034 | 863  |
| 25°  | 3272 | 1732 | 1025 | 1732 | 3272 | 1452 |
| 35°  | 2015 | 1504 | 858  | 1504 | 2015 | 1263 |
| 45°  | 1030 | 1205 | 722  | 1205 | 1030 | 816  |
| 55°  | 615  | 864  | 538  | 864  | 615  | 559  |
| 65°  | 359  | 542  | 302  | 542  | 359  | 361  |
| 75°  | 166  | 267  | 142  | 267  | 166  | 183  |
| 85°  | 40   | 60   | 40   | 60   | 40   | 46   |
| 90°  | 35   | 4    | 35   | 4    | 35   | 20   |
| 95°  | 92   | 70   | 92   | 70   | 92   | 96   |
| 105° | 284  | 271  | 284  | 271  | 284  | 299  |
| 115° | 502  | 506  | 502  | 506  | 502  | 496  |
| 125° | 732  | 738  | 732  | 738  | 732  | 653  |
| 135° | 953  | 952  | 953  | 952  | 953  | 736  |
| 145° | 1157 | 1156 | 1157 | 1156 | 1157 | 724  |
| 155° | 1323 | 1324 | 1323 | 1324 | 1323 | 609  |
| 165° | 1438 | 1442 | 1438 | 1442 | 1438 | 405  |
| 175° | 1493 | 1500 | 1493 | 1500 | 1493 | 142  |
| 180° | 1502 | 1502 | 1502 | 1502 | 1502 |      |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 |
| 2.5°   | 2090.2 | 2096.0 | 2090.2 | 2089.6 | 2083.2 | 2081.3 | 2078.7 | 2070.4 | 2055.1 | 2046.2 | 2048.1 |
| 5°     | 2289.8 | 2309.8 | 2298.6 | 2297.0 | 2279.5 | 2261.9 | 2250.7 | 2225.2 | 2198.0 | 2179.7 | 2164.5 |
| 7.5°   | 2520.7 | 2532.2 | 2525.2 | 2514.0 | 2485.6 | 2469.5 | 2443.6 | 2409.9 | 2361.2 | 2324.0 | 2290.0 |
| 10°    | 2677.9 | 2687.4 | 2684.3 | 2663.5 | 2642.7 | 2600.4 | 2576.5 | 2529.4 | 2467.9 | 2419.2 | 2373.7 |
| 12.5°  | 2832.4 | 2842.7 | 2814.6 | 2815.5 | 2776.2 | 2742.9 | 2704.9 | 2645.6 | 2574.6 | 2511.8 | 2454.8 |
| 15°    | 3034.0 | 3021.2 | 3021.2 | 3005.2 | 2961.3 | 2915.0 | 2875.9 | 2813.6 | 2724.2 | 2649.1 | 2570.1 |
| 17.5°  | 3191.7 | 3196.2 | 3189.6 | 3152.0 | 3117.5 | 3069.6 | 2997.9 | 2925.2 | 2842.2 | 2741.4 | 2660.6 |
| 20°    | 3286.3 | 3286.3 | 3279.1 | 3253.5 | 3208.8 | 3157.7 | 3080.3 | 3001.2 | 2895.8 | 2794.4 | 2703.4 |
| 22.5°  | 3324.6 | 3327.1 | 3318.7 | 3297.6 | 3257.4 | 3207.5 | 3141.6 | 3061.3 | 2952.7 | 2838.5 | 2725.8 |
| 25°    | 3271.9 | 3287.1 | 3288.6 | 3283.1 | 3271.1 | 3240.7 | 3184.1 | 3101.8 | 3004.4 | 2880.7 | 2759.3 |
| 27.5°  | 3003.9 | 3023.1 | 3039.9 | 3067.5 | 3104.2 | 3123.4 | 3125.9 | 3084.1 | 2999.1 | 2880.0 | 2757.9 |
| 30°    | 2736.9 | 2752.9 | 2804.8 | 2872.7 | 2925.4 | 2973.3 | 3014.8 | 3026.0 | 2978.1 | 2871.1 | 2742.5 |
| 32.5°  | 2440.6 | 2462.3 | 2514.2 | 2587.2 | 2675.0 | 2756.1 | 2849.4 | 2896.9 | 2895.7 | 2831.5 | 2712.5 |
| 35°    | 2015.2 | 2031.2 | 2079.1 | 2155.7 | 2261.1 | 2381.7 | 2529.4 | 2644.3 | 2722.6 | 2717.0 | 2644.3 |
| 37.5°  | 1625.2 | 1643.3 | 1691.7 | 1755.2 | 1857.4 | 2006.7 | 2149.6 | 2308.0 | 2452.7 | 2534.0 | 2509.7 |
| 40°    | 1413.2 | 1414.0 | 1461.1 | 1526.6 | 1622.4 | 1752.5 | 1908.2 | 2083.8 | 2245.1 | 2376.9 | 2402.4 |
| 42.5°  | 1245.8 | 1246.0 | 1277.1 | 1347.7 | 1416.7 | 1539.2 | 1687.8 | 1862.2 | 2051.0 | 2203.1 | 2270.8 |
| 45°    | 1029.9 | 1037.1 | 1062.7 | 1105.0 | 1159.3 | 1263.1 | 1382.0 | 1544.1 | 1755.7 | 1936.1 | 2048.7 |
| 47.5°  | 872.2  | 882.7  | 899.0  | 933.5  | 976.8  | 1045.9 | 1144.3 | 1289.9 | 1462.0 | 1660.5 | 1820.7 |
| 50°    | 790.4  | 792.0  | 812.8  | 831.9  | 869.5  | 924.6  | 1010.8 | 1132.1 | 1290.2 | 1481.0 | 1659.1 |
| 52.5°  | 720.2  | 719.8  | 732.3  | 756.6  | 787.1  | 830.0  | 899.6  | 1010.1 | 1150.3 | 1321.4 | 1505.2 |
| 55°    | 614.8  | 618.8  | 628.3  | 647.5  | 670.7  | 701.0  | 756.1  | 839.1  | 949.3  | 1095.4 | 1262.3 |
| 57.5°  | 534.6  | 536.7  | 544.2  | 552.3  | 573.6  | 595.6  | 637.0  | 694.6  | 787.6  | 907.2  | 1062.7 |
| 60°    | 482.2  | 483.0  | 485.4  | 497.4  | 514.2  | 534.9  | 562.9  | 611.6  | 689.8  | 799.2  | 922.2  |
| 62.5°  | 431.1  | 432.6  | 436.3  | 445.0  | 458.0  | 472.3  | 501.6  | 540.7  | 605.5  | 698.9  | 809.7  |
| 65°    | 359.3  | 360.1  | 365.7  | 368.9  | 379.2  | 392.0  | 413.6  | 439.9  | 484.6  | 562.9  | 646.7  |
| 67.5°  | 300.2  | 300.2  | 300.5  | 304.8  | 312.0  | 320.5  | 333.4  | 354.5  | 388.2  | 436.3  | 510.2  |
| 70°    | 261.9  | 261.9  | 263.5  | 265.9  | 269.9  | 277.0  | 284.2  | 300.2  | 325.0  | 364.1  | 420.8  |
| 72.5°  | 226.1  | 226.7  | 228.3  | 228.8  | 230.9  | 236.8  | 242.1  | 252.3  | 270.7  | 300.2  | 346.0  |
| 75°    | 166.1  | 168.5  | 172.5  | 175.7  | 179.6  | 178.8  | 184.4  | 190.8  | 196.4  | 214.0  | 240.3  |
| 77.5°  | 123.6  | 122.3  | 122.8  | 125.5  | 126.0  | 126.8  | 130.8  | 135.7  | 139.9  | 148.2  | 157.6  |
| 80°    | 94.2   | 94.2   | 96.6   | 97.4   | 96.6   | 97.4   | 101.4  | 103.8  | 105.4  | 108.6  | 117.4  |
| 82.5°  | 71.2   | 72.5   | 71.7   | 72.5   | 73.0   | 73.8   | 77.1   | 77.6   | 79.2   | 80.5   | 84.2   |
| 85°    | 39.9   | 40.7   | 41.5   | 39.9   | 39.9   | 39.9   | 41.5   | 42.3   | 43.9   | 43.1   | 44.7   |
| 87.5°  | 21.0   | 20.3   | 20.8   | 20.7   | 21.2   | 20.4   | 20.7   | 21.7   | 20.1   | 20.4   | 20.0   |
| 90°    | 34.9   | 34.3   | 33.8   | 33.3   | 32.8   | 31.8   | 30.2   | 28.7   | 27.1   | 25.6   | 23.5   |
| 92.5°  | 51.6   | 51.3   | 51.0   | 50.7   | 50.3   | 49.7   | 48.8   | 47.9   | 46.9   | 46.0   | 44.6   |
| 95°    | 91.8   | 91.8   | 91.8   | 91.8   | 91.8   | 91.4   | 90.6   | 89.8   | 89.1   | 88.3   | 86.5   |
| 97.5°  | 143.8  | 143.8  | 143.8  | 143.8  | 143.8  | 143.4  | 142.4  | 141.5  | 140.6  | 139.6  | 137.5  |
| 100°   | 180.1  | 180.1  | 180.1  | 180.1  | 180.1  | 179.8  | 179.3  | 178.8  | 178.3  | 177.8  | 175.4  |
| 102.5° | 221.0  | 220.8  | 220.6  | 220.4  | 220.1  | 219.7  | 219.0  | 218.2  | 217.5  | 216.8  | 214.7  |
| 105°   | 283.5  | 282.7  | 281.9  | 281.2  | 280.4  | 279.6  | 278.8  | 278.1  | 277.3  | 276.5  | 275.5  |
| 107.5° | 344.4  | 344.4  | 344.5  | 344.5  | 344.6  | 344.2  | 343.5  | 342.8  | 342.1  | 341.3  | 341.2  |
| 110°   | 388.0  | 387.3  | 386.5  | 385.7  | 384.9  | 384.8  | 385.3  | 385.8  | 386.4  | 386.9  | 387.1  |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 432.7  | 432.5  | 432.3  | 432.2  | 432.0  | 432.0  | 432.1  | 432.2  | 432.3  | 432.4  | 432.9  |
| 115°   | 501.9  | 502.2  | 502.4  | 502.7  | 502.9  | 503.2  | 503.4  | 503.7  | 504.0  | 504.2  | 504.7  |
| 117.5° | 567.9  | 568.4  | 568.9  | 569.4  | 570.0  | 570.6  | 571.5  | 572.4  | 573.3  | 574.2  | 574.5  |
| 120°   | 618.1  | 617.6  | 617.0  | 616.5  | 616.0  | 616.4  | 617.7  | 619.0  | 620.3  | 621.6  | 622.3  |
| 122.5° | 659.9  | 660.8  | 661.8  | 662.7  | 663.6  | 664.5  | 665.4  | 666.3  | 667.2  | 668.0  | 668.4  |
| 125°   | 731.9  | 732.4  | 733.0  | 733.5  | 734.0  | 734.5  | 735.0  | 735.5  | 736.1  | 736.6  | 736.8  |
| 127.5° | 798.6  | 799.0  | 799.4  | 799.9  | 800.3  | 800.7  | 801.3  | 801.8  | 802.3  | 802.8  | 803.2  |
| 130°   | 842.3  | 843.3  | 844.4  | 845.4  | 846.4  | 847.2  | 847.7  | 848.2  | 848.8  | 849.3  | 849.3  |
| 132.5° | 888.8  | 889.2  | 889.6  | 890.0  | 890.4  | 890.9  | 891.4  | 891.9  | 892.4  | 893.0  | 893.2  |
| 135°   | 952.7  | 953.4  | 954.2  | 955.0  | 955.8  | 956.4  | 956.9  | 957.5  | 958.0  | 958.5  | 958.5  |
| 137.5° | 1019.8 | 1019.7 | 1019.5 | 1019.4 | 1019.2 | 1019.5 | 1020.1 | 1020.8 | 1021.5 | 1022.1 | 1021.7 |
| 140°   | 1060.7 | 1061.0 | 1061.2 | 1061.5 | 1061.8 | 1062.0 | 1062.3 | 1062.5 | 1062.8 | 1063.0 | 1063.0 |
| 142.5° | 1101.6 | 1101.7 | 1101.7 | 1101.8 | 1101.8 | 1101.9 | 1101.9 | 1102.0 | 1102.0 | 1102.1 | 1102.3 |
| 145°   | 1157.2 | 1157.9 | 1158.7 | 1159.5 | 1160.2 | 1160.8 | 1161.0 | 1161.3 | 1161.5 | 1161.8 | 1161.5 |
| 147.5° | 1213.4 | 1213.6 | 1213.9 | 1214.2 | 1214.4 | 1214.6 | 1214.9 | 1215.1 | 1215.3 | 1215.5 | 1215.7 |
| 150°   | 1247.8 | 1248.0 | 1248.3 | 1248.5 | 1248.8 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.9 |
| 152.5° | 1279.4 | 1280.0 | 1280.7 | 1281.4 | 1282.1 | 1282.1 | 1281.5 | 1280.8 | 1280.2 | 1279.6 | 1279.4 |
| 155°   | 1323.3 | 1324.3 | 1325.4 | 1326.4 | 1327.4 | 1327.4 | 1326.4 | 1325.4 | 1324.3 | 1323.3 | 1323.5 |
| 157.5° | 1362.6 | 1363.4 | 1364.3 | 1365.2 | 1366.1 | 1366.1 | 1365.3 | 1364.6 | 1363.8 | 1363.0 | 1363.1 |
| 160°   | 1384.9 | 1386.2 | 1387.4 | 1388.7 | 1390.0 | 1390.3 | 1389.5 | 1388.7 | 1388.0 | 1387.2 | 1387.4 |
| 162.5° | 1408.1 | 1409.4 | 1410.7 | 1412.0 | 1413.3 | 1413.2 | 1411.8 | 1410.4 | 1409.0 | 1407.6 | 1407.9 |
| 165°   | 1438.3 | 1439.3 | 1440.4 | 1441.4 | 1442.4 | 1442.2 | 1440.6 | 1439.1 | 1437.5 | 1436.0 | 1436.5 |
| 167.5° | 1459.9 | 1461.5 | 1463.1 | 1464.7 | 1466.3 | 1466.3 | 1464.8 | 1463.2 | 1461.7 | 1460.1 | 1460.1 |
| 170°   | 1472.0 | 1473.8 | 1475.6 | 1477.4 | 1479.2 | 1479.4 | 1477.8 | 1476.3 | 1474.7 | 1473.2 | 1472.9 |
| 172.5° | 1482.2 | 1484.0 | 1485.8 | 1487.6 | 1489.5 | 1489.5 | 1487.7 | 1486.0 | 1484.2 | 1482.5 | 1482.4 |
| 175°   | 1492.9 | 1494.7 | 1496.5 | 1498.3 | 1500.1 | 1500.1 | 1498.3 | 1496.5 | 1494.7 | 1492.9 | 1493.2 |
| 177.5° | 1498.5 | 1500.1 | 1501.8 | 1503.4 | 1505.1 | 1505.2 | 1503.8 | 1502.3 | 1500.9 | 1499.4 | 1499.4 |
| 180°   | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 |
| 2.5°   | 2041.7 | 2032.8 | 2028.3 | 2018.1 | 2005.9 | 1999.5 | 1993.8 | 1985.5 | 1974.6 | 1963.1 | 1954.8 |
| 5°     | 2145.3 | 2126.2 | 2102.2 | 2073.5 | 2047.9 | 2023.2 | 2001.6 | 1980.1 | 1955.3 | 1929.8 | 1904.2 |
| 7.5°   | 2251.7 | 2214.0 | 2173.3 | 2126.2 | 2080.3 | 2038.7 | 2000.3 | 1963.6 | 1922.1 | 1884.9 | 1851.0 |
| 10°    | 2325.8 | 2274.7 | 2218.0 | 2158.1 | 2098.2 | 2046.3 | 1995.2 | 1948.9 | 1897.8 | 1852.3 | 1814.0 |
| 12.5°  | 2385.8 | 2325.8 | 2257.6 | 2183.0 | 2111.0 | 2048.2 | 1989.5 | 1929.1 | 1871.0 | 1821.7 | 1770.6 |
| 15°    | 2485.4 | 2403.2 | 2311.4 | 2222.0 | 2128.6 | 2043.1 | 1964.1 | 1893.8 | 1827.6 | 1758.1 | 1709.4 |
| 17.5°  | 2554.0 | 2456.4 | 2344.8 | 2237.3 | 2127.0 | 2026.2 | 1935.0 | 1851.4 | 1774.9 | 1704.0 | 1646.0 |
| 20°    | 2594.8 | 2487.0 | 2363.3 | 2241.1 | 2117.4 | 2009.6 | 1911.4 | 1818.8 | 1739.7 | 1663.1 | 1603.2 |
| 22.5°  | 2617.8 | 2498.5 | 2363.3 | 2235.4 | 2107.2 | 1990.4 | 1882.6 | 1786.2 | 1700.1 | 1623.5 | 1557.2 |
| 25°    | 2625.2 | 2497.4 | 2359.3 | 2212.4 | 2071.9 | 1948.1 | 1836.3 | 1731.7 | 1635.9 | 1559.3 | 1489.0 |
| 27.5°  | 2615.0 | 2464.5 | 2323.1 | 2172.3 | 2027.3 | 1896.9 | 1779.5 | 1669.6 | 1573.7 | 1491.4 | 1419.4 |
| 30°    | 2599.6 | 2438.3 | 2286.6 | 2130.2 | 1983.2 | 1857.9 | 1734.1 | 1628.8 | 1529.0 | 1443.5 | 1370.9 |
| 32.5°  | 2566.4 | 2406.4 | 2243.2 | 2082.9 | 1934.1 | 1804.9 | 1687.5 | 1581.5 | 1483.6 | 1396.3 | 1319.1 |
| 35°    | 2500.6 | 2338.5 | 2161.3 | 1996.8 | 1850.7 | 1716.6 | 1606.4 | 1504.2 | 1410.8 | 1317.4 | 1235.9 |
| 37.5°  | 2413.9 | 2248.3 | 2072.0 | 1891.9 | 1745.6 | 1619.0 | 1517.9 | 1422.0 | 1330.8 | 1245.5 | 1155.3 |
| 40°    | 2332.2 | 2181.3 | 1999.2 | 1820.4 | 1670.3 | 1548.1 | 1454.7 | 1367.7 | 1275.9 | 1191.2 | 1101.0 |
| 42.5°  | 2233.2 | 2104.6 | 1920.7 | 1741.2 | 1593.0 | 1475.3 | 1388.3 | 1303.2 | 1219.7 | 1137.6 | 1043.5 |
| 45°    | 2067.9 | 1970.5 | 1798.0 | 1625.6 | 1476.3 | 1359.7 | 1279.9 | 1204.8 | 1131.3 | 1053.1 | 964.5  |
| 47.5°  | 1878.5 | 1812.5 | 1663.7 | 1487.1 | 1349.0 | 1244.1 | 1167.0 | 1105.6 | 1043.5 | 965.3  | 887.5  |
| 50°    | 1746.9 | 1704.6 | 1560.9 | 1399.6 | 1267.9 | 1171.3 | 1092.2 | 1034.7 | 982.8  | 907.8  | 838.3  |
| 52.5°  | 1606.4 | 1583.9 | 1462.5 | 1308.3 | 1181.0 | 1086.3 | 1018.8 | 967.0  | 914.5  | 852.2  | 787.2  |
| 55°    | 1392.4 | 1404.4 | 1301.4 | 1168.1 | 1048.3 | 968.5  | 907.0  | 863.9  | 819.2  | 766.5  | 716.2  |
| 57.5°  | 1173.7 | 1217.4 | 1148.3 | 1031.2 | 919.0  | 845.2  | 798.9  | 762.6  | 725.1  | 681.4  | 638.4  |
| 60°    | 1042.7 | 1079.4 | 1040.3 | 937.3  | 839.1  | 770.5  | 727.4  | 699.4  | 661.9  | 622.0  | 589.2  |
| 62.5°  | 915.0  | 954.3  | 931.1  | 847.9  | 756.7  | 697.7  | 659.6  | 633.6  | 605.7  | 570.9  | 536.9  |
| 65°    | 754.5  | 780.0  | 768.9  | 711.4  | 646.7  | 596.4  | 561.3  | 542.1  | 516.6  | 491.0  | 460.7  |
| 67.5°  | 577.9  | 627.2  | 620.7  | 590.2  | 534.3  | 495.0  | 472.0  | 455.1  | 431.8  | 412.8  | 392.2  |
| 70°    | 475.1  | 520.6  | 519.8  | 495.0  | 464.7  | 427.9  | 412.0  | 397.6  | 376.8  | 358.5  | 341.7  |
| 72.5°  | 388.8  | 430.5  | 436.7  | 417.7  | 397.0  | 369.2  | 353.9  | 344.0  | 323.8  | 311.2  | 297.6  |
| 75°    | 272.3  | 302.6  | 310.6  | 310.6  | 301.0  | 286.6  | 273.1  | 266.7  | 252.3  | 241.1  | 233.1  |
| 77.5°  | 178.5  | 197.7  | 210.1  | 213.0  | 214.5  | 209.7  | 198.5  | 194.0  | 183.0  | 179.0  | 171.3  |
| 80°    | 126.1  | 138.9  | 153.3  | 158.1  | 162.1  | 160.5  | 155.7  | 152.5  | 142.1  | 138.1  | 134.9  |
| 82.5°  | 87.2   | 94.2   | 106.0  | 116.6  | 115.4  | 119.6  | 115.4  | 112.9  | 105.1  | 103.6  | 100.4  |
| 85°    | 45.5   | 46.3   | 47.9   | 55.1   | 59.1   | 60.7   | 61.5   | 59.9   | 57.5   | 57.5   | 51.9   |
| 87.5°  | 19.6   | 18.6   | 19.4   | 18.9   | 19.0   | 21.0   | 22.3   | 22.4   | 21.1   | 19.7   | 18.4   |
| 90°    | 21.4   | 19.4   | 17.3   | 14.8   | 12.0   | 9.2    | 6.3    | 3.5    | 6.3    | 9.2    | 12.0   |
| 92.5°  | 43.1   | 41.7   | 40.2   | 37.9   | 34.6   | 31.4   | 28.1   | 24.9   | 28.1   | 31.4   | 34.6   |
| 95°    | 84.7   | 82.9   | 81.1   | 79.0   | 76.7   | 74.4   | 72.0   | 69.7   | 72.0   | 74.4   | 76.7   |
| 97.5°  | 135.4  | 133.3  | 131.2  | 129.2  | 127.3  | 125.5  | 123.6  | 121.8  | 123.6  | 125.5  | 127.3  |
| 100°   | 173.1  | 170.8  | 168.5  | 166.8  | 165.7  | 164.7  | 163.7  | 162.7  | 163.7  | 164.7  | 165.7  |
| 102.5° | 212.6  | 210.4  | 208.3  | 207.1  | 206.6  | 206.2  | 205.8  | 205.4  | 205.8  | 206.2  | 206.6  |
| 105°   | 274.4  | 273.4  | 272.4  | 271.7  | 271.5  | 271.2  | 271.0  | 270.7  | 271.0  | 271.2  | 271.5  |
| 107.5° | 341.0  | 340.9  | 340.7  | 340.5  | 340.2  | 339.9  | 339.6  | 339.2  | 339.6  | 339.9  | 340.2  |
| 110°   | 387.4  | 387.7  | 387.9  | 387.8  | 387.3  | 386.7  | 386.2  | 385.7  | 386.2  | 386.7  | 387.3  |





TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 433.4  | 433.8  | 434.3  | 434.5  | 434.4  | 434.3  | 434.2  | 434.0  | 434.2  | 434.3  | 434.4  |
| 115°   | 505.3  | 505.8  | 506.3  | 506.5  | 506.5  | 506.5  | 506.5  | 506.5  | 506.5  | 506.5  | 506.5  |
| 117.5° | 574.9  | 575.2  | 575.6  | 575.7  | 575.5  | 575.3  | 575.1  | 574.9  | 575.1  | 575.3  | 575.5  |
| 120°   | 623.1  | 623.9  | 624.7  | 624.5  | 623.5  | 622.5  | 621.4  | 620.4  | 621.4  | 622.5  | 623.5  |
| 122.5° | 668.8  | 669.1  | 669.5  | 669.5  | 669.0  | 668.6  | 668.2  | 667.8  | 668.2  | 668.6  | 669.0  |
| 125°   | 737.1  | 737.4  | 737.6  | 737.7  | 737.7  | 737.7  | 737.7  | 737.7  | 737.7  | 737.7  | 737.7  |
| 127.5° | 803.6  | 804.0  | 804.5  | 804.3  | 803.5  | 802.7  | 802.0  | 801.2  | 802.0  | 802.7  | 803.5  |
| 130°   | 849.3  | 849.3  | 849.3  | 848.9  | 848.1  | 847.3  | 846.6  | 845.8  | 846.6  | 847.3  | 848.1  |
| 132.5° | 893.4  | 893.6  | 893.8  | 893.6  | 893.0  | 892.5  | 891.9  | 891.3  | 891.9  | 892.5  | 893.0  |
| 135°   | 958.5  | 958.5  | 958.5  | 957.7  | 956.2  | 954.6  | 953.1  | 951.5  | 953.1  | 954.6  | 956.2  |
| 137.5° | 1021.3 | 1020.9 | 1020.5 | 1019.9 | 1019.2 | 1018.5 | 1017.8 | 1017.0 | 1017.8 | 1018.5 | 1019.2 |
| 140°   | 1063.0 | 1063.0 | 1063.0 | 1062.8 | 1062.3 | 1061.8 | 1061.2 | 1060.7 | 1061.2 | 1061.8 | 1062.3 |
| 142.5° | 1102.5 | 1102.7 | 1102.9 | 1102.8 | 1102.2 | 1101.7 | 1101.2 | 1100.7 | 1101.2 | 1101.7 | 1102.2 |
| 145°   | 1161.3 | 1161.0 | 1160.8 | 1160.1 | 1159.1 | 1158.1 | 1157.0 | 1156.0 | 1157.0 | 1158.1 | 1159.1 |
| 147.5° | 1215.9 | 1216.1 | 1216.3 | 1215.8 | 1214.5 | 1213.3 | 1212.1 | 1210.8 | 1212.1 | 1213.3 | 1214.5 |
| 150°   | 1248.9 | 1248.9 | 1248.9 | 1248.4 | 1247.4 | 1246.4 | 1245.3 | 1244.3 | 1245.3 | 1246.4 | 1247.4 |
| 152.5° | 1279.2 | 1279.0 | 1278.8 | 1278.4 | 1277.7 | 1277.1 | 1276.5 | 1275.9 | 1276.5 | 1277.1 | 1277.7 |
| 155°   | 1323.8 | 1324.1 | 1324.3 | 1324.4 | 1324.4 | 1324.4 | 1324.4 | 1324.4 | 1324.4 | 1324.4 | 1324.4 |
| 157.5° | 1363.1 | 1363.2 | 1363.2 | 1363.5 | 1364.0 | 1364.4 | 1364.9 | 1365.3 | 1364.9 | 1364.4 | 1364.0 |
| 160°   | 1387.7 | 1388.0 | 1388.2 | 1388.5 | 1388.7 | 1389.0 | 1389.3 | 1389.5 | 1389.3 | 1389.0 | 1388.7 |
| 162.5° | 1408.2 | 1408.4 | 1408.7 | 1409.1 | 1409.8 | 1410.5 | 1411.1 | 1411.8 | 1411.1 | 1410.5 | 1409.8 |
| 165°   | 1437.0 | 1437.5 | 1438.0 | 1438.7 | 1439.5 | 1440.2 | 1441.0 | 1441.8 | 1441.0 | 1440.2 | 1439.5 |
| 167.5° | 1460.0 | 1460.0 | 1459.9 | 1460.5 | 1461.5 | 1462.6 | 1463.7 | 1464.8 | 1463.7 | 1462.6 | 1461.5 |
| 170°   | 1472.6 | 1472.4 | 1472.1 | 1472.6 | 1473.9 | 1475.2 | 1476.5 | 1477.8 | 1476.5 | 1475.2 | 1473.9 |
| 172.5° | 1482.4 | 1482.3 | 1482.2 | 1482.8 | 1483.8 | 1484.9 | 1486.0 | 1487.1 | 1486.0 | 1484.9 | 1483.8 |
| 175°   | 1493.4 | 1493.7 | 1493.9 | 1494.7 | 1496.0 | 1497.3 | 1498.6 | 1499.9 | 1498.6 | 1497.3 | 1496.0 |
| 177.5° | 1499.4 | 1499.4 | 1499.4 | 1499.9 | 1501.0 | 1502.0 | 1503.0 | 1504.1 | 1503.0 | 1502.0 | 1501.0 |
| 180°   | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 |
| 2.5°   | 1945.9 | 1939.5 | 1931.2 | 1921.6 | 1910.1 | 1899.9 | 1895.4 | 1899.3 | 1901.2 | 1896.1 | 1895.4 |
| 5°     | 1886.6 | 1866.7 | 1850.7 | 1826.8 | 1807.6 | 1791.6 | 1780.5 | 1775.7 | 1777.3 | 1764.5 | 1761.3 |
| 7.5°   | 1820.1 | 1796.4 | 1770.2 | 1741.8 | 1715.3 | 1691.8 | 1679.5 | 1672.8 | 1659.3 | 1653.5 | 1643.8 |
| 10°    | 1777.3 | 1745.3 | 1719.8 | 1686.2 | 1655.9 | 1628.0 | 1614.4 | 1603.2 | 1589.6 | 1583.2 | 1569.7 |
| 12.5°  | 1733.2 | 1696.1 | 1668.0 | 1633.2 | 1602.2 | 1568.6 | 1555.6 | 1534.9 | 1513.6 | 1500.2 | 1482.8 |
| 15°    | 1671.1 | 1626.4 | 1592.0 | 1550.5 | 1513.8 | 1475.5 | 1441.1 | 1402.8 | 1388.4 | 1358.1 | 1340.5 |
| 17.5°  | 1598.4 | 1553.1 | 1510.6 | 1454.9 | 1398.2 | 1350.6 | 1314.0 | 1277.3 | 1255.3 | 1235.9 | 1227.0 |
| 20°    | 1550.5 | 1509.0 | 1449.9 | 1385.2 | 1322.2 | 1269.5 | 1239.9 | 1216.0 | 1192.0 | 1178.5 | 1168.9 |
| 22.5°  | 1505.2 | 1452.1 | 1383.5 | 1313.7 | 1250.6 | 1209.4 | 1184.4 | 1159.8 | 1140.3 | 1127.4 | 1114.6 |
| 25°    | 1429.2 | 1359.7 | 1287.0 | 1207.2 | 1164.1 | 1128.2 | 1101.0 | 1081.0 | 1069.1 | 1052.3 | 1045.9 |
| 27.5°  | 1351.1 | 1266.9 | 1186.8 | 1133.1 | 1088.2 | 1055.3 | 1031.7 | 1016.7 | 1001.5 | 990.8  | 982.5  |
| 30°    | 1291.0 | 1205.6 | 1133.7 | 1082.6 | 1037.1 | 1010.0 | 990.8  | 973.3  | 961.3  | 952.5  | 946.1  |
| 32.5°  | 1231.6 | 1146.2 | 1085.8 | 1030.9 | 995.0  | 968.5  | 948.0  | 934.9  | 925.5  | 914.2  | 910.3  |
| 35°    | 1145.7 | 1069.9 | 1017.2 | 967.7  | 930.9  | 907.0  | 891.0  | 877.5  | 869.5  | 866.3  | 863.9  |
| 37.5°  | 1063.2 | 1001.0 | 944.4  | 903.8  | 871.1  | 852.2  | 833.4  | 826.7  | 821.2  | 815.5  | 818.1  |
| 40°    | 1010.8 | 952.5  | 902.2  | 859.1  | 832.7  | 812.0  | 800.8  | 792.8  | 788.0  | 788.0  | 788.0  |
| 42.5°  | 965.4  | 908.4  | 859.4  | 820.8  | 794.4  | 776.9  | 764.4  | 757.7  | 756.1  | 755.5  | 759.3  |
| 45°    | 895.0  | 842.3  | 792.8  | 760.9  | 738.5  | 721.0  | 713.8  | 708.2  | 708.2  | 711.4  | 712.2  |
| 47.5°  | 825.2  | 775.9  | 736.1  | 700.4  | 679.9  | 668.9  | 662.7  | 659.8  | 660.1  | 663.3  | 667.0  |
| 50°    | 782.4  | 733.7  | 694.6  | 662.7  | 643.5  | 633.1  | 627.5  | 626.0  | 627.5  | 627.5  | 633.1  |
| 52.5°  | 735.8  | 692.2  | 653.7  | 626.9  | 605.2  | 595.5  | 592.4  | 590.2  | 591.1  | 593.7  | 596.1  |
| 55°    | 667.5  | 628.3  | 591.6  | 566.1  | 550.1  | 543.7  | 536.5  | 537.3  | 535.7  | 537.3  | 537.3  |
| 57.5°  | 599.0  | 563.8  | 529.7  | 509.4  | 495.3  | 486.1  | 478.2  | 480.5  | 478.1  | 477.8  | 476.5  |
| 60°    | 554.9  | 516.6  | 489.4  | 471.1  | 455.1  | 447.1  | 439.9  | 441.5  | 439.1  | 437.5  | 434.3  |
| 62.5°  | 507.0  | 475.1  | 449.2  | 431.5  | 418.7  | 409.4  | 402.2  | 400.6  | 395.1  | 389.6  | 382.6  |
| 65°    | 437.5  | 411.2  | 388.0  | 371.3  | 359.3  | 352.1  | 346.5  | 341.7  | 329.7  | 317.0  | 310.6  |
| 67.5°  | 370.0  | 351.0  | 329.4  | 315.2  | 305.5  | 296.1  | 285.4  | 277.2  | 266.0  | 259.0  | 255.0  |
| 70°    | 326.5  | 308.2  | 289.8  | 276.2  | 265.9  | 257.1  | 245.1  | 239.5  | 231.5  | 228.3  | 224.4  |
| 72.5°  | 285.0  | 267.9  | 250.9  | 238.6  | 227.5  | 220.7  | 211.3  | 205.7  | 202.2  | 200.9  | 196.9  |
| 75°    | 222.0  | 208.4  | 195.6  | 184.4  | 175.7  | 170.9  | 166.9  | 162.9  | 161.3  | 154.1  | 150.1  |
| 77.5°  | 161.9  | 153.0  | 145.0  | 137.0  | 130.8  | 127.6  | 119.9  | 115.3  | 112.6  | 109.2  | 108.4  |
| 80°    | 126.1  | 119.8  | 111.8  | 107.0  | 98.2   | 95.0   | 91.8   | 91.0   | 90.2   | 89.4   | 88.6   |
| 82.5°  | 94.9   | 88.5   | 80.5   | 77.6   | 75.2   | 73.3   | 71.4   | 70.6   | 69.8   | 70.3   | 70.1   |
| 85°    | 47.9   | 44.7   | 44.7   | 43.9   | 43.1   | 42.3   | 41.5   | 41.5   | 40.7   | 41.5   | 40.7   |
| 87.5°  | 18.9   | 18.8   | 19.2   | 18.3   | 19.4   | 19.8   | 19.5   | 19.8   | 20.7   | 19.8   | 20.0   |
| 90°    | 14.8   | 17.3   | 19.4   | 21.4   | 23.5   | 25.6   | 27.1   | 28.7   | 30.2   | 31.8   | 32.8   |
| 92.5°  | 37.9   | 40.2   | 41.7   | 43.1   | 44.6   | 46.0   | 46.9   | 47.9   | 48.8   | 49.7   | 50.3   |
| 95°    | 79.0   | 81.1   | 82.9   | 84.7   | 86.5   | 88.3   | 89.1   | 89.8   | 90.6   | 91.4   | 91.8   |
| 97.5°  | 129.2  | 131.2  | 133.3  | 135.4  | 137.5  | 139.6  | 140.6  | 141.5  | 142.4  | 143.4  | 143.8  |
| 100°   | 166.8  | 168.5  | 170.8  | 173.1  | 175.4  | 177.8  | 178.3  | 178.8  | 179.3  | 179.8  | 180.1  |
| 102.5° | 207.1  | 208.3  | 210.4  | 212.6  | 214.7  | 216.8  | 217.5  | 218.2  | 219.0  | 219.7  | 220.1  |
| 105°   | 271.7  | 272.4  | 273.4  | 274.4  | 275.5  | 276.5  | 277.3  | 278.1  | 278.8  | 279.6  | 280.4  |
| 107.5° | 340.5  | 340.7  | 340.9  | 341.0  | 341.2  | 341.3  | 342.1  | 342.8  | 343.5  | 344.2  | 344.6  |
| 110°   | 387.8  | 387.9  | 387.7  | 387.4  | 387.1  | 386.9  | 386.4  | 385.8  | 385.3  | 384.8  | 384.9  |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 434.5  | 434.3  | 433.8  | 433.4  | 432.9  | 432.4  | 432.3  | 432.2  | 432.1  | 432.0  | 432.0  |
| 115°   | 506.5  | 506.3  | 505.8  | 505.3  | 504.7  | 504.2  | 504.0  | 503.7  | 503.4  | 503.2  | 502.9  |
| 117.5° | 575.7  | 575.6  | 575.2  | 574.9  | 574.5  | 574.2  | 573.3  | 572.4  | 571.5  | 570.6  | 570.0  |
| 120°   | 624.5  | 624.7  | 623.9  | 623.1  | 622.3  | 621.6  | 620.3  | 619.0  | 617.7  | 616.4  | 616.0  |
| 122.5° | 669.5  | 669.5  | 669.1  | 668.8  | 668.4  | 668.0  | 667.2  | 666.3  | 665.4  | 664.5  | 663.6  |
| 125°   | 737.7  | 737.6  | 737.4  | 737.1  | 736.8  | 736.6  | 736.1  | 735.5  | 735.0  | 734.5  | 734.0  |
| 127.5° | 804.3  | 804.5  | 804.0  | 803.6  | 803.2  | 802.8  | 802.3  | 801.8  | 801.3  | 800.7  | 800.3  |
| 130°   | 848.9  | 849.3  | 849.3  | 849.3  | 849.3  | 849.3  | 848.8  | 848.2  | 847.7  | 847.2  | 846.4  |
| 132.5° | 893.6  | 893.8  | 893.6  | 893.4  | 893.2  | 893.0  | 892.4  | 891.9  | 891.4  | 890.9  | 890.4  |
| 135°   | 957.7  | 958.5  | 958.5  | 958.5  | 958.5  | 958.5  | 958.0  | 957.5  | 956.9  | 956.4  | 955.8  |
| 137.5° | 1019.9 | 1020.5 | 1020.9 | 1021.3 | 1021.7 | 1022.1 | 1021.5 | 1020.8 | 1020.1 | 1019.5 | 1019.2 |
| 140°   | 1062.8 | 1063.0 | 1063.0 | 1063.0 | 1063.0 | 1063.0 | 1062.8 | 1062.5 | 1062.3 | 1062.0 | 1061.8 |
| 142.5° | 1102.8 | 1102.9 | 1102.7 | 1102.5 | 1102.3 | 1102.1 | 1102.0 | 1102.0 | 1101.9 | 1101.9 | 1101.8 |
| 145°   | 1160.1 | 1160.8 | 1161.0 | 1161.3 | 1161.5 | 1161.8 | 1161.5 | 1161.3 | 1161.0 | 1160.8 | 1160.2 |
| 147.5° | 1215.8 | 1216.3 | 1216.1 | 1215.9 | 1215.7 | 1215.5 | 1215.3 | 1215.1 | 1214.9 | 1214.6 | 1214.4 |
| 150°   | 1248.4 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.8 |
| 152.5° | 1278.4 | 1278.8 | 1279.0 | 1279.2 | 1279.4 | 1279.6 | 1280.2 | 1280.8 | 1281.5 | 1282.1 | 1282.1 |
| 155°   | 1324.4 | 1324.3 | 1324.1 | 1323.8 | 1323.5 | 1323.3 | 1324.3 | 1325.4 | 1326.4 | 1327.4 | 1327.4 |
| 157.5° | 1363.5 | 1363.2 | 1363.2 | 1363.1 | 1363.1 | 1363.0 | 1363.8 | 1364.6 | 1365.3 | 1366.1 | 1366.1 |
| 160°   | 1388.5 | 1388.2 | 1388.0 | 1387.7 | 1387.4 | 1387.2 | 1388.0 | 1388.7 | 1389.5 | 1390.3 | 1390.0 |
| 162.5° | 1409.1 | 1408.7 | 1408.4 | 1408.2 | 1407.9 | 1407.6 | 1409.0 | 1410.4 | 1411.8 | 1413.2 | 1413.3 |
| 165°   | 1438.7 | 1438.0 | 1437.5 | 1437.0 | 1436.5 | 1436.0 | 1437.5 | 1439.1 | 1440.6 | 1442.2 | 1442.4 |
| 167.5° | 1460.5 | 1459.9 | 1460.0 | 1460.0 | 1460.1 | 1460.1 | 1461.7 | 1463.2 | 1464.8 | 1466.3 | 1466.3 |
| 170°   | 1472.6 | 1472.1 | 1472.4 | 1472.6 | 1472.9 | 1473.2 | 1474.7 | 1476.3 | 1477.8 | 1479.4 | 1479.2 |
| 172.5° | 1482.8 | 1482.2 | 1482.3 | 1482.4 | 1482.4 | 1482.5 | 1484.2 | 1486.0 | 1487.7 | 1489.5 | 1489.5 |
| 175°   | 1494.7 | 1493.9 | 1493.7 | 1493.4 | 1493.2 | 1492.9 | 1494.7 | 1496.5 | 1498.3 | 1500.1 | 1500.1 |
| 177.5° | 1499.9 | 1499.4 | 1499.4 | 1499.4 | 1499.4 | 1499.4 | 1500.9 | 1502.3 | 1503.8 | 1505.2 | 1505.1 |
| 180°   | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 |
| 2.5°   | 1891.6 | 1892.9 | 1888.4 | 1887.1 | 1888.4 | 1892.9 | 1891.6 | 1895.4 | 1896.1 | 1901.2 | 1899.3 |
| 5°     | 1754.9 | 1753.3 | 1749.3 | 1750.1 | 1749.3 | 1753.3 | 1754.9 | 1761.3 | 1764.5 | 1777.3 | 1775.7 |
| 7.5°   | 1638.0 | 1631.8 | 1633.5 | 1627.2 | 1633.5 | 1631.8 | 1638.0 | 1643.8 | 1653.5 | 1659.3 | 1672.8 |
| 10°    | 1566.5 | 1557.7 | 1550.5 | 1544.1 | 1550.5 | 1557.7 | 1566.5 | 1569.7 | 1583.2 | 1589.6 | 1603.2 |
| 12.5°  | 1468.8 | 1461.2 | 1451.5 | 1453.4 | 1451.5 | 1461.2 | 1468.8 | 1482.8 | 1500.2 | 1513.6 | 1534.9 |
| 15°    | 1330.1 | 1318.2 | 1299.0 | 1301.4 | 1299.0 | 1318.2 | 1330.1 | 1340.5 | 1358.1 | 1388.4 | 1402.8 |
| 17.5°  | 1212.8 | 1212.9 | 1204.2 | 1206.2 | 1204.2 | 1212.9 | 1212.8 | 1227.0 | 1235.9 | 1255.3 | 1277.3 |
| 20°    | 1152.1 | 1146.5 | 1147.3 | 1144.9 | 1147.3 | 1146.5 | 1152.1 | 1168.9 | 1178.5 | 1192.0 | 1216.0 |
| 22.5°  | 1109.9 | 1103.1 | 1097.5 | 1092.5 | 1097.5 | 1103.1 | 1109.9 | 1114.6 | 1127.4 | 1140.3 | 1159.8 |
| 25°    | 1038.7 | 1033.9 | 1026.8 | 1025.2 | 1026.8 | 1033.9 | 1038.7 | 1045.9 | 1052.3 | 1069.1 | 1081.0 |
| 27.5°  | 976.1  | 975.2  | 972.3  | 968.6  | 972.3  | 975.2  | 976.1  | 982.5  | 990.8  | 1001.5 | 1016.7 |
| 30°    | 939.7  | 938.1  | 936.5  | 934.1  | 936.5  | 938.1  | 939.7  | 946.1  | 952.5  | 961.3  | 973.3  |
| 32.5°  | 907.2  | 906.2  | 904.6  | 904.8  | 904.6  | 906.2  | 907.2  | 910.3  | 914.2  | 925.5  | 934.9  |
| 35°    | 860.7  | 859.9  | 858.3  | 857.5  | 858.3  | 859.9  | 860.7  | 863.9  | 866.3  | 869.5  | 877.5  |
| 37.5°  | 817.3  | 819.3  | 818.4  | 818.2  | 818.4  | 819.3  | 817.3  | 818.1  | 815.5  | 821.2  | 826.7  |
| 40°    | 787.2  | 788.0  | 789.6  | 788.8  | 789.6  | 788.0  | 787.2  | 788.0  | 788.0  | 788.0  | 792.8  |
| 42.5°  | 762.3  | 762.5  | 764.7  | 762.0  | 764.7  | 762.5  | 762.3  | 759.3  | 755.5  | 756.1  | 757.7  |
| 45°    | 717.8  | 722.6  | 721.8  | 721.8  | 721.8  | 722.6  | 717.8  | 712.2  | 711.4  | 708.2  | 708.2  |
| 47.5°  | 669.1  | 673.2  | 674.3  | 674.2  | 674.3  | 673.2  | 669.1  | 667.0  | 663.3  | 660.1  | 659.8  |
| 50°    | 637.1  | 635.5  | 637.9  | 637.1  | 637.9  | 635.5  | 637.1  | 633.1  | 627.5  | 627.5  | 626.0  |
| 52.5°  | 598.2  | 598.5  | 598.3  | 597.5  | 598.3  | 598.5  | 598.2  | 596.1  | 593.7  | 591.1  | 590.2  |
| 55°    | 538.1  | 538.9  | 537.3  | 538.1  | 537.3  | 538.9  | 538.1  | 537.3  | 537.3  | 535.7  | 537.3  |
| 57.5°  | 473.0  | 469.1  | 470.7  | 468.8  | 470.7  | 469.1  | 473.0  | 476.5  | 477.8  | 478.1  | 480.5  |
| 60°    | 426.4  | 420.0  | 418.4  | 415.2  | 418.4  | 420.0  | 426.4  | 434.3  | 437.5  | 439.1  | 441.5  |
| 62.5°  | 374.0  | 369.5  | 364.1  | 366.6  | 364.1  | 369.5  | 374.0  | 382.6  | 389.6  | 395.1  | 400.6  |
| 65°    | 304.2  | 301.0  | 298.6  | 301.8  | 298.6  | 301.0  | 304.2  | 310.6  | 317.0  | 329.7  | 341.7  |
| 67.5°  | 251.8  | 250.1  | 250.1  | 248.5  | 250.1  | 250.1  | 251.8  | 255.0  | 259.0  | 266.0  | 277.2  |
| 70°    | 224.4  | 222.0  | 222.0  | 220.4  | 222.0  | 222.0  | 224.4  | 224.4  | 228.3  | 231.5  | 239.5  |
| 72.5°  | 196.2  | 193.9  | 194.5  | 193.5  | 194.5  | 193.9  | 196.2  | 196.9  | 200.9  | 202.2  | 205.7  |
| 75°    | 145.3  | 141.3  | 141.3  | 142.1  | 141.3  | 141.3  | 145.3  | 150.1  | 154.1  | 161.3  | 162.9  |
| 77.5°  | 108.4  | 107.6  | 108.7  | 107.3  | 108.7  | 107.6  | 108.4  | 108.4  | 109.2  | 112.6  | 115.3  |
| 80°    | 88.6   | 87.8   | 87.0   | 89.4   | 87.0   | 87.8   | 88.6   | 88.6   | 89.4   | 90.2   | 91.0   |
| 82.5°  | 68.8   | 68.7   | 68.5   | 71.5   | 68.5   | 68.7   | 68.8   | 70.1   | 70.3   | 69.8   | 70.6   |
| 85°    | 41.5   | 39.9   | 41.5   | 39.9   | 41.5   | 39.9   | 41.5   | 40.7   | 41.5   | 40.7   | 41.5   |
| 87.5°  | 21.4   | 20.8   | 20.3   | 21.0   | 20.3   | 20.8   | 21.4   | 20.0   | 19.8   | 20.7   | 19.8   |
| 90°    | 33.3   | 33.8   | 34.3   | 34.9   | 34.3   | 33.8   | 33.3   | 32.8   | 31.8   | 30.2   | 28.7   |
| 92.5°  | 50.7   | 51.0   | 51.3   | 51.6   | 51.3   | 51.0   | 50.7   | 50.3   | 49.7   | 48.8   | 47.9   |
| 95°    | 91.8   | 91.8   | 91.8   | 91.8   | 91.8   | 91.8   | 91.8   | 91.8   | 91.4   | 90.6   | 89.8   |
| 97.5°  | 143.8  | 143.8  | 143.8  | 143.8  | 143.8  | 143.8  | 143.8  | 143.8  | 143.4  | 142.4  | 141.5  |
| 100°   | 180.1  | 180.1  | 180.1  | 180.1  | 180.1  | 180.1  | 180.1  | 180.1  | 179.8  | 179.3  | 178.8  |
| 102.5° | 220.4  | 220.6  | 220.8  | 221.0  | 220.8  | 220.6  | 220.4  | 220.1  | 219.7  | 219.0  | 218.2  |
| 105°   | 281.2  | 281.9  | 282.7  | 283.5  | 282.7  | 281.9  | 281.2  | 280.4  | 279.6  | 278.8  | 278.1  |
| 107.5° | 344.5  | 344.5  | 344.4  | 344.4  | 344.4  | 344.5  | 344.5  | 344.6  | 344.2  | 343.5  | 342.8  |
| 110°   | 385.7  | 386.5  | 387.3  | 388.0  | 387.3  | 386.5  | 385.7  | 384.9  | 384.8  | 385.3  | 385.8  |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 432.2  | 432.3  | 432.5  | 432.7  | 432.5  | 432.3  | 432.2  | 432.0  | 432.0  | 432.1  | 432.2  |
| 115°   | 502.7  | 502.4  | 502.2  | 501.9  | 502.2  | 502.4  | 502.7  | 502.9  | 503.2  | 503.4  | 503.7  |
| 117.5° | 569.4  | 568.9  | 568.4  | 567.9  | 568.4  | 568.9  | 569.4  | 570.0  | 570.6  | 571.5  | 572.4  |
| 120°   | 616.5  | 617.0  | 617.6  | 618.1  | 617.6  | 617.0  | 616.5  | 616.0  | 616.4  | 617.7  | 619.0  |
| 122.5° | 662.7  | 661.8  | 660.8  | 659.9  | 660.8  | 661.8  | 662.7  | 663.6  | 664.5  | 665.4  | 666.3  |
| 125°   | 733.5  | 733.0  | 732.4  | 731.9  | 732.4  | 733.0  | 733.5  | 734.0  | 734.5  | 735.0  | 735.5  |
| 127.5° | 799.9  | 799.4  | 799.0  | 798.6  | 799.0  | 799.4  | 799.9  | 800.3  | 800.7  | 801.3  | 801.8  |
| 130°   | 845.4  | 844.4  | 843.3  | 842.3  | 843.3  | 844.4  | 845.4  | 846.4  | 847.2  | 847.7  | 848.2  |
| 132.5° | 890.0  | 889.6  | 889.2  | 888.8  | 889.2  | 889.6  | 890.0  | 890.4  | 890.9  | 891.4  | 891.9  |
| 135°   | 955.0  | 954.2  | 953.4  | 952.7  | 953.4  | 954.2  | 955.0  | 955.8  | 956.4  | 956.9  | 957.5  |
| 137.5° | 1019.4 | 1019.5 | 1019.7 | 1019.8 | 1019.7 | 1019.5 | 1019.4 | 1019.2 | 1019.5 | 1020.1 | 1020.8 |
| 140°   | 1061.5 | 1061.2 | 1061.0 | 1060.7 | 1061.0 | 1061.2 | 1061.5 | 1061.8 | 1062.0 | 1062.3 | 1062.5 |
| 142.5° | 1101.8 | 1101.7 | 1101.7 | 1101.6 | 1101.7 | 1101.7 | 1101.8 | 1101.8 | 1101.9 | 1101.9 | 1102.0 |
| 145°   | 1159.5 | 1158.7 | 1157.9 | 1157.2 | 1157.9 | 1158.7 | 1159.5 | 1160.2 | 1160.8 | 1161.0 | 1161.3 |
| 147.5° | 1214.2 | 1213.9 | 1213.6 | 1213.4 | 1213.6 | 1213.9 | 1214.2 | 1214.4 | 1214.6 | 1214.9 | 1215.1 |
| 150°   | 1248.5 | 1248.3 | 1248.0 | 1247.8 | 1248.0 | 1248.3 | 1248.5 | 1248.8 | 1248.9 | 1248.9 | 1248.9 |
| 152.5° | 1281.4 | 1280.7 | 1280.0 | 1279.4 | 1280.0 | 1280.7 | 1281.4 | 1282.1 | 1282.1 | 1281.5 | 1280.8 |
| 155°   | 1326.4 | 1325.4 | 1324.3 | 1323.3 | 1324.3 | 1325.4 | 1326.4 | 1327.4 | 1327.4 | 1326.4 | 1325.4 |
| 157.5° | 1365.2 | 1364.3 | 1363.4 | 1362.6 | 1363.4 | 1364.3 | 1365.2 | 1366.1 | 1366.1 | 1365.3 | 1364.6 |
| 160°   | 1388.7 | 1387.4 | 1386.2 | 1384.9 | 1386.2 | 1387.4 | 1388.7 | 1390.0 | 1390.3 | 1389.5 | 1388.7 |
| 162.5° | 1412.0 | 1410.7 | 1409.4 | 1408.1 | 1409.4 | 1410.7 | 1412.0 | 1413.3 | 1413.2 | 1411.8 | 1410.4 |
| 165°   | 1441.4 | 1440.4 | 1439.3 | 1438.3 | 1439.3 | 1440.4 | 1441.4 | 1442.4 | 1442.2 | 1440.6 | 1439.1 |
| 167.5° | 1464.7 | 1463.1 | 1461.5 | 1459.9 | 1461.5 | 1463.1 | 1464.7 | 1466.3 | 1466.3 | 1464.8 | 1463.2 |
| 170°   | 1477.4 | 1475.6 | 1473.8 | 1472.0 | 1473.8 | 1475.6 | 1477.4 | 1479.2 | 1479.4 | 1477.8 | 1476.3 |
| 172.5° | 1487.6 | 1485.8 | 1484.0 | 1482.2 | 1484.0 | 1485.8 | 1487.6 | 1489.5 | 1489.5 | 1487.7 | 1486.0 |
| 175°   | 1498.3 | 1496.5 | 1494.7 | 1492.9 | 1494.7 | 1496.5 | 1498.3 | 1500.1 | 1500.1 | 1498.3 | 1496.5 |
| 177.5° | 1503.4 | 1501.8 | 1500.1 | 1498.5 | 1500.1 | 1501.8 | 1503.4 | 1505.1 | 1505.2 | 1503.8 | 1502.3 |
| 180°   | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 |
| 2.5°   | 1895.4 | 1899.9 | 1910.1 | 1921.6 | 1931.2 | 1939.5 | 1945.9 | 1954.8 | 1963.1 | 1974.6 | 1985.5 |
| 5°     | 1780.5 | 1791.6 | 1807.6 | 1826.8 | 1850.7 | 1866.7 | 1886.6 | 1904.2 | 1929.8 | 1955.3 | 1980.1 |
| 7.5°   | 1679.5 | 1691.8 | 1715.3 | 1741.8 | 1770.2 | 1796.4 | 1820.1 | 1851.0 | 1884.9 | 1922.1 | 1963.6 |
| 10°    | 1614.4 | 1628.0 | 1655.9 | 1686.2 | 1719.8 | 1745.3 | 1777.3 | 1814.0 | 1852.3 | 1897.8 | 1948.9 |
| 12.5°  | 1555.6 | 1568.6 | 1602.2 | 1633.2 | 1668.0 | 1696.1 | 1733.2 | 1770.6 | 1821.7 | 1871.0 | 1929.1 |
| 15°    | 1441.1 | 1475.5 | 1513.8 | 1550.5 | 1592.0 | 1626.4 | 1671.1 | 1709.4 | 1758.1 | 1827.6 | 1893.8 |
| 17.5°  | 1314.0 | 1350.6 | 1398.2 | 1454.9 | 1510.6 | 1553.1 | 1598.4 | 1646.0 | 1704.0 | 1774.9 | 1851.4 |
| 20°    | 1239.9 | 1269.5 | 1322.2 | 1385.2 | 1449.9 | 1509.0 | 1550.5 | 1603.2 | 1663.1 | 1739.7 | 1818.8 |
| 22.5°  | 1184.4 | 1209.4 | 1250.6 | 1313.7 | 1383.5 | 1452.1 | 1505.2 | 1557.2 | 1623.5 | 1700.1 | 1786.2 |
| 25°    | 1101.0 | 1128.2 | 1164.1 | 1207.2 | 1287.0 | 1359.7 | 1429.2 | 1489.0 | 1559.3 | 1635.9 | 1731.7 |
| 27.5°  | 1031.7 | 1055.3 | 1088.2 | 1133.1 | 1186.8 | 1266.9 | 1351.1 | 1419.4 | 1491.4 | 1573.7 | 1669.6 |
| 30°    | 990.8  | 1010.0 | 1037.1 | 1082.6 | 1133.7 | 1205.6 | 1291.0 | 1370.9 | 1443.5 | 1529.0 | 1628.8 |
| 32.5°  | 948.0  | 968.5  | 995.0  | 1030.9 | 1085.8 | 1146.2 | 1231.6 | 1319.1 | 1396.3 | 1483.6 | 1581.5 |
| 35°    | 891.0  | 907.0  | 930.9  | 967.7  | 1017.2 | 1069.9 | 1145.7 | 1235.9 | 1317.4 | 1410.8 | 1504.2 |
| 37.5°  | 833.4  | 852.2  | 871.1  | 903.8  | 944.4  | 1001.0 | 1063.2 | 1155.3 | 1245.5 | 1330.8 | 1422.0 |
| 40°    | 800.8  | 812.0  | 832.7  | 859.1  | 902.2  | 952.5  | 1010.8 | 1101.0 | 1191.2 | 1275.9 | 1367.7 |
| 42.5°  | 764.4  | 776.9  | 794.4  | 820.8  | 859.4  | 908.4  | 965.4  | 1043.5 | 1137.6 | 1219.7 | 1303.2 |
| 45°    | 713.8  | 721.0  | 738.5  | 760.9  | 792.8  | 842.3  | 895.0  | 964.5  | 1053.1 | 1131.3 | 1204.8 |
| 47.5°  | 662.7  | 668.9  | 679.9  | 700.4  | 736.1  | 775.9  | 825.2  | 887.5  | 965.3  | 1043.5 | 1105.6 |
| 50°    | 627.5  | 633.1  | 643.5  | 662.7  | 694.6  | 733.7  | 782.4  | 838.3  | 907.8  | 982.8  | 1034.7 |
| 52.5°  | 592.4  | 595.5  | 605.2  | 626.9  | 653.7  | 692.2  | 735.8  | 787.2  | 852.2  | 914.5  | 967.0  |
| 55°    | 536.5  | 543.7  | 550.1  | 566.1  | 591.6  | 628.3  | 667.5  | 716.2  | 766.5  | 819.2  | 863.9  |
| 57.5°  | 478.2  | 486.1  | 495.3  | 509.4  | 529.7  | 563.8  | 599.0  | 638.4  | 681.4  | 725.1  | 762.6  |
| 60°    | 439.9  | 447.1  | 455.1  | 471.1  | 489.4  | 516.6  | 554.9  | 589.2  | 622.0  | 661.9  | 699.4  |
| 62.5°  | 402.2  | 409.4  | 418.7  | 431.5  | 449.2  | 475.1  | 507.0  | 536.9  | 570.9  | 605.7  | 633.6  |
| 65°    | 346.5  | 352.1  | 359.3  | 371.3  | 388.0  | 411.2  | 437.5  | 460.7  | 491.0  | 516.6  | 542.1  |
| 67.5°  | 285.4  | 296.1  | 305.5  | 315.2  | 329.4  | 351.0  | 370.0  | 392.2  | 412.8  | 431.8  | 455.1  |
| 70°    | 245.1  | 257.1  | 265.9  | 276.2  | 289.8  | 308.2  | 326.5  | 341.7  | 358.5  | 376.8  | 397.6  |
| 72.5°  | 211.3  | 220.7  | 227.5  | 238.6  | 250.9  | 267.9  | 285.0  | 297.6  | 311.2  | 323.8  | 344.0  |
| 75°    | 166.9  | 170.9  | 175.7  | 184.4  | 195.6  | 208.4  | 222.0  | 233.1  | 241.1  | 252.3  | 266.7  |
| 77.5°  | 119.9  | 127.6  | 130.8  | 137.0  | 145.0  | 153.0  | 161.9  | 171.3  | 179.0  | 183.0  | 194.0  |
| 80°    | 91.8   | 95.0   | 98.2   | 107.0  | 111.8  | 119.8  | 126.1  | 134.9  | 138.1  | 142.1  | 152.5  |
| 82.5°  | 71.4   | 73.3   | 75.2   | 77.6   | 80.5   | 88.5   | 94.9   | 100.4  | 103.6  | 105.1  | 112.9  |
| 85°    | 41.5   | 42.3   | 43.1   | 43.9   | 44.7   | 44.7   | 47.9   | 51.9   | 57.5   | 57.5   | 59.9   |
| 87.5°  | 19.5   | 19.8   | 19.4   | 18.3   | 19.2   | 18.8   | 18.9   | 18.4   | 19.7   | 21.1   | 22.4   |
| 90°    | 27.1   | 25.6   | 23.5   | 21.4   | 19.4   | 17.3   | 14.8   | 12.0   | 9.2    | 6.3    | 3.5    |
| 92.5°  | 46.9   | 46.0   | 44.6   | 43.1   | 41.7   | 40.2   | 37.9   | 34.6   | 31.4   | 28.1   | 24.9   |
| 95°    | 89.1   | 88.3   | 86.5   | 84.7   | 82.9   | 81.1   | 79.0   | 76.7   | 74.4   | 72.0   | 69.7   |
| 97.5°  | 140.6  | 139.6  | 137.5  | 135.4  | 133.3  | 131.2  | 129.2  | 127.3  | 125.5  | 123.6  | 121.8  |
| 100°   | 178.3  | 177.8  | 175.4  | 173.1  | 170.8  | 168.5  | 166.8  | 165.7  | 164.7  | 163.7  | 162.7  |
| 102.5° | 217.5  | 216.8  | 214.7  | 212.6  | 210.4  | 208.3  | 207.1  | 206.6  | 206.2  | 205.8  | 205.4  |
| 105°   | 277.3  | 276.5  | 275.5  | 274.4  | 273.4  | 272.4  | 271.7  | 271.5  | 271.2  | 271.0  | 270.7  |
| 107.5° | 342.1  | 341.3  | 341.2  | 341.0  | 340.9  | 340.7  | 340.5  | 340.2  | 339.9  | 339.6  | 339.2  |
| 110°   | 386.4  | 386.9  | 387.1  | 387.4  | 387.7  | 387.9  | 387.8  | 387.3  | 386.7  | 386.2  | 385.7  |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 432.3  | 432.4  | 432.9  | 433.4  | 433.8  | 434.3  | 434.5  | 434.4  | 434.3  | 434.2  | 434.0  |
| 115°   | 504.0  | 504.2  | 504.7  | 505.3  | 505.8  | 506.3  | 506.5  | 506.5  | 506.5  | 506.5  | 506.5  |
| 117.5° | 573.3  | 574.2  | 574.5  | 574.9  | 575.2  | 575.6  | 575.7  | 575.5  | 575.3  | 575.1  | 574.9  |
| 120°   | 620.3  | 621.6  | 622.3  | 623.1  | 623.9  | 624.7  | 624.5  | 623.5  | 622.5  | 621.4  | 620.4  |
| 122.5° | 667.2  | 668.0  | 668.4  | 668.8  | 669.1  | 669.5  | 669.5  | 669.0  | 668.6  | 668.2  | 667.8  |
| 125°   | 736.1  | 736.6  | 736.8  | 737.1  | 737.4  | 737.6  | 737.7  | 737.7  | 737.7  | 737.7  | 737.7  |
| 127.5° | 802.3  | 802.8  | 803.2  | 803.6  | 804.0  | 804.5  | 804.3  | 803.5  | 802.7  | 802.0  | 801.2  |
| 130°   | 848.8  | 849.3  | 849.3  | 849.3  | 849.3  | 849.3  | 848.9  | 848.1  | 847.3  | 846.6  | 845.8  |
| 132.5° | 892.4  | 893.0  | 893.2  | 893.4  | 893.6  | 893.8  | 893.6  | 893.0  | 892.5  | 891.9  | 891.3  |
| 135°   | 958.0  | 958.5  | 958.5  | 958.5  | 958.5  | 958.5  | 957.7  | 956.2  | 954.6  | 953.1  | 951.5  |
| 137.5° | 1021.5 | 1022.1 | 1021.7 | 1021.3 | 1020.9 | 1020.5 | 1019.9 | 1019.2 | 1018.5 | 1017.8 | 1017.0 |
| 140°   | 1062.8 | 1063.0 | 1063.0 | 1063.0 | 1063.0 | 1063.0 | 1062.8 | 1062.3 | 1061.8 | 1061.2 | 1060.7 |
| 142.5° | 1102.0 | 1102.1 | 1102.3 | 1102.5 | 1102.7 | 1102.9 | 1102.8 | 1102.2 | 1101.7 | 1101.2 | 1100.7 |
| 145°   | 1161.5 | 1161.8 | 1161.5 | 1161.3 | 1161.0 | 1160.8 | 1160.1 | 1159.1 | 1158.1 | 1157.0 | 1156.0 |
| 147.5° | 1215.3 | 1215.5 | 1215.7 | 1215.9 | 1216.1 | 1216.3 | 1215.8 | 1214.5 | 1213.3 | 1212.1 | 1210.8 |
| 150°   | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.4 | 1247.4 | 1246.4 | 1245.3 | 1244.3 |
| 152.5° | 1280.2 | 1279.6 | 1279.4 | 1279.2 | 1279.0 | 1278.8 | 1278.4 | 1277.7 | 1277.1 | 1276.5 | 1275.9 |
| 155°   | 1324.3 | 1323.3 | 1323.5 | 1323.8 | 1324.1 | 1324.3 | 1324.4 | 1324.4 | 1324.4 | 1324.4 | 1324.4 |
| 157.5° | 1363.8 | 1363.0 | 1363.1 | 1363.1 | 1363.2 | 1363.2 | 1363.5 | 1364.0 | 1364.4 | 1364.9 | 1365.3 |
| 160°   | 1388.0 | 1387.2 | 1387.4 | 1387.7 | 1388.0 | 1388.2 | 1388.5 | 1388.7 | 1389.0 | 1389.3 | 1389.5 |
| 162.5° | 1409.0 | 1407.6 | 1407.9 | 1408.2 | 1408.4 | 1408.7 | 1409.1 | 1409.8 | 1410.5 | 1411.1 | 1411.8 |
| 165°   | 1437.5 | 1436.0 | 1436.5 | 1437.0 | 1437.5 | 1438.0 | 1438.7 | 1439.5 | 1440.2 | 1441.0 | 1441.8 |
| 167.5° | 1461.7 | 1460.1 | 1460.1 | 1460.0 | 1460.0 | 1459.9 | 1460.5 | 1461.5 | 1462.6 | 1463.7 | 1464.8 |
| 170°   | 1474.7 | 1473.2 | 1472.9 | 1472.6 | 1472.4 | 1472.1 | 1472.6 | 1473.9 | 1475.2 | 1476.5 | 1477.8 |
| 172.5° | 1484.2 | 1482.5 | 1482.4 | 1482.4 | 1482.3 | 1482.2 | 1482.8 | 1483.8 | 1484.9 | 1486.0 | 1487.1 |
| 175°   | 1494.7 | 1492.9 | 1493.2 | 1493.4 | 1493.7 | 1493.9 | 1494.7 | 1496.0 | 1497.3 | 1498.6 | 1499.9 |
| 177.5° | 1500.9 | 1499.4 | 1499.4 | 1499.4 | 1499.4 | 1499.4 | 1499.9 | 1501.0 | 1502.0 | 1503.0 | 1504.1 |
| 180°   | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 |
| 2.5°   | 1993.8 | 1999.5 | 2005.9 | 2018.1 | 2028.3 | 2032.8 | 2041.7 | 2048.1 | 2046.2 | 2055.1 | 2070.4 |
| 5°     | 2001.6 | 2023.2 | 2047.9 | 2073.5 | 2102.2 | 2126.2 | 2145.3 | 2164.5 | 2179.7 | 2198.0 | 2225.2 |
| 7.5°   | 2000.3 | 2038.7 | 2080.3 | 2126.2 | 2173.3 | 2214.0 | 2251.7 | 2290.0 | 2324.0 | 2361.2 | 2409.9 |
| 10°    | 1995.2 | 2046.3 | 2098.2 | 2158.1 | 2218.0 | 2274.7 | 2325.8 | 2373.7 | 2419.2 | 2467.9 | 2529.4 |
| 12.5°  | 1989.5 | 2048.2 | 2111.0 | 2183.0 | 2257.6 | 2325.8 | 2385.8 | 2454.8 | 2511.8 | 2574.6 | 2645.6 |
| 15°    | 1964.1 | 2043.1 | 2128.6 | 2222.0 | 2311.4 | 2403.2 | 2485.4 | 2570.1 | 2649.1 | 2724.2 | 2813.6 |
| 17.5°  | 1935.0 | 2026.2 | 2127.0 | 2237.3 | 2344.8 | 2456.4 | 2554.0 | 2660.6 | 2741.4 | 2842.2 | 2925.2 |
| 20°    | 1911.4 | 2009.6 | 2117.4 | 2241.1 | 2363.3 | 2487.0 | 2594.8 | 2703.4 | 2794.4 | 2895.8 | 3001.2 |
| 22.5°  | 1882.6 | 1990.4 | 2107.2 | 2235.4 | 2363.3 | 2498.5 | 2617.8 | 2725.8 | 2838.5 | 2952.7 | 3061.3 |
| 25°    | 1836.3 | 1948.1 | 2071.9 | 2212.4 | 2359.3 | 2497.4 | 2625.2 | 2759.3 | 2880.7 | 3004.4 | 3101.8 |
| 27.5°  | 1779.5 | 1896.9 | 2027.3 | 2172.3 | 2323.1 | 2464.5 | 2615.0 | 2757.9 | 2880.0 | 2999.1 | 3084.1 |
| 30°    | 1734.1 | 1857.9 | 1983.2 | 2130.2 | 2286.6 | 2438.3 | 2599.6 | 2742.5 | 2871.1 | 2978.1 | 3026.0 |
| 32.5°  | 1687.5 | 1804.9 | 1934.1 | 2082.9 | 2243.2 | 2406.4 | 2566.4 | 2712.5 | 2831.5 | 2895.7 | 2896.9 |
| 35°    | 1606.4 | 1716.6 | 1850.7 | 1996.8 | 2161.3 | 2338.5 | 2500.6 | 2644.3 | 2717.0 | 2722.6 | 2644.3 |
| 37.5°  | 1517.9 | 1619.0 | 1745.6 | 1891.9 | 2072.0 | 2248.3 | 2413.9 | 2509.7 | 2534.0 | 2452.7 | 2308.0 |
| 40°    | 1454.7 | 1548.1 | 1670.3 | 1820.4 | 1999.2 | 2181.3 | 2332.2 | 2402.4 | 2376.9 | 2245.1 | 2083.8 |
| 42.5°  | 1388.3 | 1475.3 | 1593.0 | 1741.2 | 1920.7 | 2104.6 | 2233.2 | 2270.8 | 2203.1 | 2051.0 | 1862.2 |
| 45°    | 1279.9 | 1359.7 | 1476.3 | 1625.6 | 1798.0 | 1970.5 | 2067.9 | 2048.7 | 1936.1 | 1755.7 | 1544.1 |
| 47.5°  | 1167.0 | 1244.1 | 1349.0 | 1487.1 | 1663.7 | 1812.5 | 1878.5 | 1820.7 | 1660.5 | 1462.0 | 1289.9 |
| 50°    | 1092.2 | 1171.3 | 1267.9 | 1399.6 | 1560.9 | 1704.6 | 1746.9 | 1659.1 | 1481.0 | 1290.2 | 1132.1 |
| 52.5°  | 1018.8 | 1086.3 | 1181.0 | 1308.3 | 1462.5 | 1583.9 | 1606.4 | 1505.2 | 1321.4 | 1150.3 | 1010.1 |
| 55°    | 907.0  | 968.5  | 1048.3 | 1168.1 | 1301.4 | 1404.4 | 1392.4 | 1262.3 | 1095.4 | 949.3  | 839.1  |
| 57.5°  | 798.9  | 845.2  | 919.0  | 1031.2 | 1148.3 | 1217.4 | 1173.7 | 1062.7 | 907.2  | 787.6  | 694.6  |
| 60°    | 727.4  | 770.5  | 839.1  | 937.3  | 1040.3 | 1079.4 | 1042.7 | 922.2  | 799.2  | 689.8  | 611.6  |
| 62.5°  | 659.6  | 697.7  | 756.7  | 847.9  | 931.1  | 954.3  | 915.0  | 809.7  | 698.9  | 605.5  | 540.7  |
| 65°    | 561.3  | 596.4  | 646.7  | 711.4  | 768.9  | 780.0  | 754.5  | 646.7  | 562.9  | 484.6  | 439.9  |
| 67.5°  | 472.0  | 495.0  | 534.3  | 590.2  | 620.7  | 627.2  | 577.9  | 510.2  | 436.3  | 388.2  | 354.5  |
| 70°    | 412.0  | 427.9  | 464.7  | 495.0  | 519.8  | 520.6  | 475.1  | 420.8  | 364.1  | 325.0  | 300.2  |
| 72.5°  | 353.9  | 369.2  | 397.0  | 417.7  | 436.7  | 430.5  | 388.8  | 346.0  | 300.2  | 270.7  | 252.3  |
| 75°    | 273.1  | 286.6  | 301.0  | 310.6  | 310.6  | 302.6  | 272.3  | 240.3  | 214.0  | 196.4  | 190.8  |
| 77.5°  | 198.5  | 209.7  | 214.5  | 213.0  | 210.1  | 197.7  | 178.5  | 157.6  | 148.2  | 139.9  | 135.7  |
| 80°    | 155.7  | 160.5  | 162.1  | 158.1  | 153.3  | 138.9  | 126.1  | 117.4  | 108.6  | 105.4  | 103.8  |
| 82.5°  | 115.4  | 119.6  | 115.4  | 116.6  | 106.0  | 94.2   | 87.2   | 84.2   | 80.5   | 79.2   | 77.6   |
| 85°    | 61.5   | 60.7   | 59.1   | 55.1   | 47.9   | 46.3   | 45.5   | 44.7   | 43.1   | 43.9   | 42.3   |
| 87.5°  | 22.3   | 21.0   | 19.0   | 18.9   | 19.4   | 18.6   | 19.6   | 20.0   | 20.4   | 20.1   | 21.7   |
| 90°    | 6.3    | 9.2    | 12.0   | 14.8   | 17.3   | 19.4   | 21.4   | 23.5   | 25.6   | 27.1   | 28.7   |
| 92.5°  | 28.1   | 31.4   | 34.6   | 37.9   | 40.2   | 41.7   | 43.1   | 44.6   | 46.0   | 46.9   | 47.9   |
| 95°    | 72.0   | 74.4   | 76.7   | 79.0   | 81.1   | 82.9   | 84.7   | 86.5   | 88.3   | 89.1   | 89.8   |
| 97.5°  | 123.6  | 125.5  | 127.3  | 129.2  | 131.2  | 133.3  | 135.4  | 137.5  | 139.6  | 140.6  | 141.5  |
| 100°   | 163.7  | 164.7  | 165.7  | 166.8  | 168.5  | 170.8  | 173.1  | 175.4  | 177.8  | 178.3  | 178.8  |
| 102.5° | 205.8  | 206.2  | 206.6  | 207.1  | 208.3  | 210.4  | 212.6  | 214.7  | 216.8  | 217.5  | 218.2  |
| 105°   | 271.0  | 271.2  | 271.5  | 271.7  | 272.4  | 273.4  | 274.4  | 275.5  | 276.5  | 277.3  | 278.1  |
| 107.5° | 339.6  | 339.9  | 340.2  | 340.5  | 340.7  | 340.9  | 341.0  | 341.2  | 341.3  | 342.1  | 342.8  |
| 110°   | 386.2  | 386.7  | 387.3  | 387.8  | 387.9  | 387.7  | 387.4  | 387.1  | 386.9  | 386.4  | 385.8  |





TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 434.2  | 434.3  | 434.4  | 434.5  | 434.3  | 433.8  | 433.4  | 432.9  | 432.4  | 432.3  | 432.2  |
| 115°   | 506.5  | 506.5  | 506.5  | 506.5  | 506.3  | 505.8  | 505.3  | 504.7  | 504.2  | 504.0  | 503.7  |
| 117.5° | 575.1  | 575.3  | 575.5  | 575.7  | 575.6  | 575.2  | 574.9  | 574.5  | 574.2  | 573.3  | 572.4  |
| 120°   | 621.4  | 622.5  | 623.5  | 624.5  | 624.7  | 623.9  | 623.1  | 622.3  | 621.6  | 620.3  | 619.0  |
| 122.5° | 668.2  | 668.6  | 669.0  | 669.5  | 669.5  | 669.1  | 668.8  | 668.4  | 668.0  | 667.2  | 666.3  |
| 125°   | 737.7  | 737.7  | 737.7  | 737.7  | 737.6  | 737.4  | 737.1  | 736.8  | 736.6  | 736.1  | 735.5  |
| 127.5° | 802.0  | 802.7  | 803.5  | 804.3  | 804.5  | 804.0  | 803.6  | 803.2  | 802.8  | 802.3  | 801.8  |
| 130°   | 846.6  | 847.3  | 848.1  | 848.9  | 849.3  | 849.3  | 849.3  | 849.3  | 849.3  | 848.8  | 848.2  |
| 132.5° | 891.9  | 892.5  | 893.0  | 893.6  | 893.8  | 893.6  | 893.4  | 893.2  | 893.0  | 892.4  | 891.9  |
| 135°   | 953.1  | 954.6  | 956.2  | 957.7  | 958.5  | 958.5  | 958.5  | 958.5  | 958.5  | 958.0  | 957.5  |
| 137.5° | 1017.8 | 1018.5 | 1019.2 | 1019.9 | 1020.5 | 1020.9 | 1021.3 | 1021.7 | 1022.1 | 1021.5 | 1020.8 |
| 140°   | 1061.2 | 1061.8 | 1062.3 | 1062.8 | 1063.0 | 1063.0 | 1063.0 | 1063.0 | 1063.0 | 1062.8 | 1062.5 |
| 142.5° | 1101.2 | 1101.7 | 1102.2 | 1102.8 | 1102.9 | 1102.7 | 1102.5 | 1102.3 | 1102.1 | 1102.0 | 1102.0 |
| 145°   | 1157.0 | 1158.1 | 1159.1 | 1160.1 | 1160.8 | 1161.0 | 1161.3 | 1161.5 | 1161.8 | 1161.5 | 1161.3 |
| 147.5° | 1212.1 | 1213.3 | 1214.5 | 1215.8 | 1216.3 | 1216.1 | 1215.9 | 1215.7 | 1215.5 | 1215.3 | 1215.1 |
| 150°   | 1245.3 | 1246.4 | 1247.4 | 1248.4 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.9 | 1248.9 |
| 152.5° | 1276.5 | 1277.1 | 1277.7 | 1278.4 | 1278.8 | 1279.0 | 1279.2 | 1279.4 | 1279.6 | 1280.2 | 1280.8 |
| 155°   | 1324.4 | 1324.4 | 1324.4 | 1324.4 | 1324.3 | 1324.1 | 1323.8 | 1323.5 | 1323.3 | 1324.3 | 1325.4 |
| 157.5° | 1364.9 | 1364.4 | 1364.0 | 1363.5 | 1363.2 | 1363.2 | 1363.1 | 1363.1 | 1363.0 | 1363.8 | 1364.6 |
| 160°   | 1389.3 | 1389.0 | 1388.7 | 1388.5 | 1388.2 | 1388.0 | 1387.7 | 1387.4 | 1387.2 | 1388.0 | 1388.7 |
| 162.5° | 1411.1 | 1410.5 | 1409.8 | 1409.1 | 1408.7 | 1408.4 | 1408.2 | 1407.9 | 1407.6 | 1409.0 | 1410.4 |
| 165°   | 1441.0 | 1440.2 | 1439.5 | 1438.7 | 1438.0 | 1437.5 | 1437.0 | 1436.5 | 1436.0 | 1437.5 | 1439.1 |
| 167.5° | 1463.7 | 1462.6 | 1461.5 | 1460.5 | 1459.9 | 1460.0 | 1460.0 | 1460.1 | 1460.1 | 1461.7 | 1463.2 |
| 170°   | 1476.5 | 1475.2 | 1473.9 | 1472.6 | 1472.1 | 1472.4 | 1472.6 | 1472.9 | 1473.2 | 1474.7 | 1476.3 |
| 172.5° | 1486.0 | 1484.9 | 1483.8 | 1482.8 | 1482.2 | 1482.3 | 1482.4 | 1482.4 | 1482.5 | 1484.2 | 1486.0 |
| 175°   | 1498.6 | 1497.3 | 1496.0 | 1494.7 | 1493.9 | 1493.7 | 1493.4 | 1493.2 | 1492.9 | 1494.7 | 1496.5 |
| 177.5° | 1503.0 | 1502.0 | 1501.0 | 1499.9 | 1499.4 | 1499.4 | 1499.4 | 1499.4 | 1499.4 | 1500.9 | 1502.3 |
| 180°   | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 | 1981.7 |
| 2.5°   | 2078.7 | 2081.3 | 2083.2 | 2089.6 | 2090.2 | 2096.0 | 2090.2 |
| 5°     | 2250.7 | 2261.9 | 2279.5 | 2297.0 | 2298.6 | 2309.8 | 2289.8 |
| 7.5°   | 2443.6 | 2469.5 | 2485.6 | 2514.0 | 2525.2 | 2532.2 | 2520.7 |
| 10°    | 2576.5 | 2600.4 | 2642.7 | 2663.5 | 2684.3 | 2687.4 | 2677.9 |
| 12.5°  | 2704.9 | 2742.9 | 2776.2 | 2815.5 | 2814.6 | 2842.7 | 2832.4 |
| 15°    | 2875.9 | 2915.0 | 2961.3 | 3005.2 | 3021.2 | 3021.2 | 3034.0 |
| 17.5°  | 2997.9 | 3069.6 | 3117.5 | 3152.0 | 3189.6 | 3196.2 | 3191.7 |
| 20°    | 3080.3 | 3157.7 | 3208.8 | 3253.5 | 3279.1 | 3286.3 | 3286.3 |
| 22.5°  | 3141.6 | 3207.5 | 3257.4 | 3297.6 | 3318.7 | 3327.1 | 3324.6 |
| 25°    | 3184.1 | 3240.7 | 3271.1 | 3283.1 | 3288.6 | 3287.1 | 3271.9 |
| 27.5°  | 3125.9 | 3123.4 | 3104.2 | 3067.5 | 3039.9 | 3023.1 | 3003.9 |
| 30°    | 3014.8 | 2973.3 | 2925.4 | 2872.7 | 2804.8 | 2752.9 | 2736.9 |
| 32.5°  | 2849.4 | 2756.1 | 2675.0 | 2587.2 | 2514.2 | 2462.3 | 2440.6 |
| 35°    | 2529.4 | 2381.7 | 2261.1 | 2155.7 | 2079.1 | 2031.2 | 2015.2 |
| 37.5°  | 2149.6 | 2006.7 | 1857.4 | 1755.2 | 1691.7 | 1643.3 | 1625.2 |
| 40°    | 1908.2 | 1752.5 | 1622.4 | 1526.6 | 1461.1 | 1414.0 | 1413.2 |
| 42.5°  | 1687.8 | 1539.2 | 1416.7 | 1347.7 | 1277.1 | 1246.0 | 1245.8 |
| 45°    | 1382.0 | 1263.1 | 1159.3 | 1105.0 | 1062.7 | 1037.1 | 1029.9 |
| 47.5°  | 1144.3 | 1045.9 | 976.8  | 933.5  | 899.0  | 882.7  | 872.2  |
| 50°    | 1010.8 | 924.6  | 869.5  | 831.9  | 812.8  | 792.0  | 790.4  |
| 52.5°  | 899.6  | 830.0  | 787.1  | 756.6  | 732.3  | 719.8  | 720.2  |
| 55°    | 756.1  | 701.0  | 670.7  | 647.5  | 628.3  | 618.8  | 614.8  |
| 57.5°  | 637.0  | 595.6  | 573.6  | 552.3  | 544.2  | 536.7  | 534.6  |
| 60°    | 562.9  | 534.9  | 514.2  | 497.4  | 485.4  | 483.0  | 482.2  |
| 62.5°  | 501.6  | 472.3  | 458.0  | 445.0  | 436.3  | 432.6  | 431.1  |
| 65°    | 413.6  | 392.0  | 379.2  | 368.9  | 365.7  | 360.1  | 359.3  |
| 67.5°  | 333.4  | 320.5  | 312.0  | 304.8  | 300.5  | 300.2  | 300.2  |
| 70°    | 284.2  | 277.0  | 269.9  | 265.9  | 263.5  | 261.9  | 261.9  |
| 72.5°  | 242.1  | 236.8  | 230.9  | 228.8  | 228.3  | 226.7  | 226.1  |
| 75°    | 184.4  | 178.8  | 179.6  | 175.7  | 172.5  | 168.5  | 166.1  |
| 77.5°  | 130.8  | 126.8  | 126.0  | 125.5  | 122.8  | 122.3  | 123.6  |
| 80°    | 101.4  | 97.4   | 96.6   | 97.4   | 96.6   | 94.2   | 94.2   |
| 82.5°  | 77.1   | 73.8   | 73.0   | 72.5   | 71.7   | 72.5   | 71.2   |
| 85°    | 41.5   | 39.9   | 39.9   | 39.9   | 41.5   | 40.7   | 39.9   |
| 87.5°  | 20.7   | 20.4   | 21.2   | 20.7   | 20.8   | 20.3   | 21.0   |
| 90°    | 30.2   | 31.8   | 32.8   | 33.3   | 33.8   | 34.3   | 34.9   |
| 92.5°  | 48.8   | 49.7   | 50.3   | 50.7   | 51.0   | 51.3   | 51.6   |
| 95°    | 90.6   | 91.4   | 91.8   | 91.8   | 91.8   | 91.8   | 91.8   |
| 97.5°  | 142.4  | 143.4  | 143.8  | 143.8  | 143.8  | 143.8  | 143.8  |
| 100°   | 179.3  | 179.8  | 180.1  | 180.1  | 180.1  | 180.1  | 180.1  |
| 102.5° | 219.0  | 219.7  | 220.1  | 220.4  | 220.6  | 220.8  | 221.0  |
| 105°   | 278.8  | 279.6  | 280.4  | 281.2  | 281.9  | 282.7  | 283.5  |
| 107.5° | 343.5  | 344.2  | 344.6  | 344.5  | 344.5  | 344.4  | 344.4  |
| 110°   | 385.3  | 384.8  | 384.9  | 385.7  | 386.5  | 387.3  | 388.0  |



TEST NUMBER: P333010

CATALOG NUMBER: S124RDIP-S1195D1205U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 432.1  | 432.0  | 432.0  | 432.2  | 432.3  | 432.5  | 432.7  |
| 115°   | 503.4  | 503.2  | 502.9  | 502.7  | 502.4  | 502.2  | 501.9  |
| 117.5° | 571.5  | 570.6  | 570.0  | 569.4  | 568.9  | 568.4  | 567.9  |
| 120°   | 617.7  | 616.4  | 616.0  | 616.5  | 617.0  | 617.6  | 618.1  |
| 122.5° | 665.4  | 664.5  | 663.6  | 662.7  | 661.8  | 660.8  | 659.9  |
| 125°   | 735.0  | 734.5  | 734.0  | 733.5  | 733.0  | 732.4  | 731.9  |
| 127.5° | 801.3  | 800.7  | 800.3  | 799.9  | 799.4  | 799.0  | 798.6  |
| 130°   | 847.7  | 847.2  | 846.4  | 845.4  | 844.4  | 843.3  | 842.3  |
| 132.5° | 891.4  | 890.9  | 890.4  | 890.0  | 889.6  | 889.2  | 888.8  |
| 135°   | 956.9  | 956.4  | 955.8  | 955.0  | 954.2  | 953.4  | 952.7  |
| 137.5° | 1020.1 | 1019.5 | 1019.2 | 1019.4 | 1019.5 | 1019.7 | 1019.8 |
| 140°   | 1062.3 | 1062.0 | 1061.8 | 1061.5 | 1061.2 | 1061.0 | 1060.7 |
| 142.5° | 1101.9 | 1101.9 | 1101.8 | 1101.8 | 1101.7 | 1101.7 | 1101.6 |
| 145°   | 1161.0 | 1160.8 | 1160.2 | 1159.5 | 1158.7 | 1157.9 | 1157.2 |
| 147.5° | 1214.9 | 1214.6 | 1214.4 | 1214.2 | 1213.9 | 1213.6 | 1213.4 |
| 150°   | 1248.9 | 1248.9 | 1248.8 | 1248.5 | 1248.3 | 1248.0 | 1247.8 |
| 152.5° | 1281.5 | 1282.1 | 1282.1 | 1281.4 | 1280.7 | 1280.0 | 1279.4 |
| 155°   | 1326.4 | 1327.4 | 1327.4 | 1326.4 | 1325.4 | 1324.3 | 1323.3 |
| 157.5° | 1365.3 | 1366.1 | 1366.1 | 1365.2 | 1364.3 | 1363.4 | 1362.6 |
| 160°   | 1389.5 | 1390.3 | 1390.0 | 1388.7 | 1387.4 | 1386.2 | 1384.9 |
| 162.5° | 1411.8 | 1413.2 | 1413.3 | 1412.0 | 1410.7 | 1409.4 | 1408.1 |
| 165°   | 1440.6 | 1442.2 | 1442.4 | 1441.4 | 1440.4 | 1439.3 | 1438.3 |
| 167.5° | 1464.8 | 1466.3 | 1466.3 | 1464.7 | 1463.1 | 1461.5 | 1459.9 |
| 170°   | 1477.8 | 1479.4 | 1479.2 | 1477.4 | 1475.6 | 1473.8 | 1472.0 |
| 172.5° | 1487.7 | 1489.5 | 1489.5 | 1487.6 | 1485.8 | 1484.0 | 1482.2 |
| 175°   | 1498.3 | 1500.1 | 1500.1 | 1498.3 | 1496.5 | 1494.7 | 1492.9 |
| 177.5° | 1503.8 | 1505.2 | 1505.1 | 1503.4 | 1501.8 | 1500.1 | 1498.5 |
| 180°   | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 | 1502.2 |

(END OF REPORT)