

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: P333003-940

Luminaire Tested: **S124RDIP-S1195D1035U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333003-940
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-S1195D1035U940-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1035 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8151.6 lumens
Efficiency: N/A
Efficacy: 122.0 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

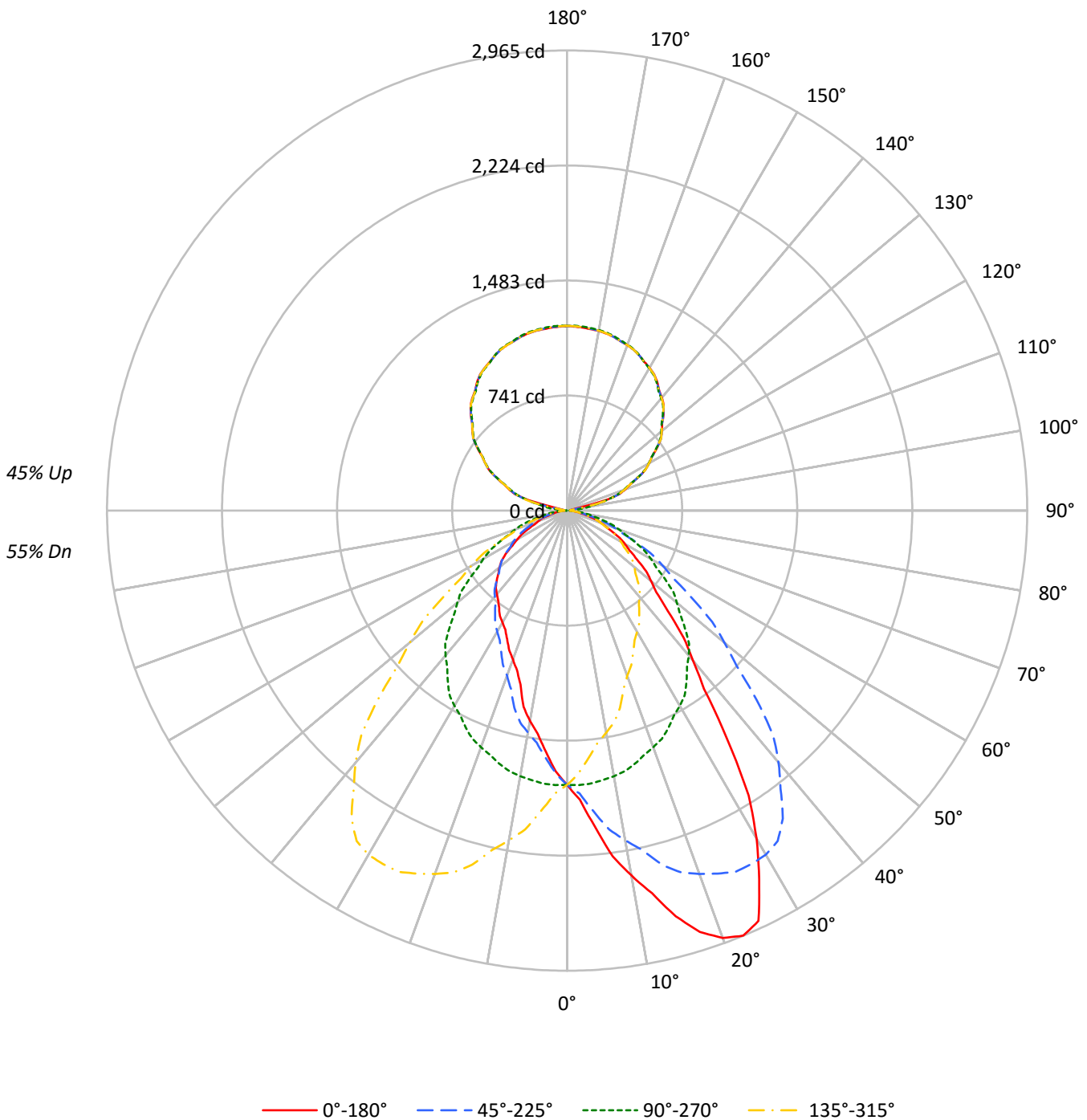
Input Watts (W): 66.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 108 | 108 | 108 | 108 | 101 | 101 | 101 | 101 | 86 | 86 | 86 | 73 | 73 | 73 | 61 | 61 | 61 | 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 | 69 | 67 | 64 | 60 | 58 | 55 | 52 | 48 | 46 | 45 | 40 |
| 3 | 83 | 74 | 67 | 61 | 77 | 69 | 63 | 58 | 60 | 55 | 51 | 51 | 48 | 45 | 43 | 41 | 39 | 35 |
| 4 | 76 | 66 | 58 | 52 | 71 | 62 | 55 | 49 | 53 | 48 | 44 | 46 | 42 | 39 | 39 | 36 | 34 | 30 |
| 5 | 70 | 59 | 51 | 45 | 65 | 55 | 48 | 43 | 48 | 43 | 38 | 41 | 37 | 34 | 35 | 32 | 30 | 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 | 40 | 34 | 30 | 34 | 30 | 27 | 29 | 26 | 23 | 21 |
| 8 | 56 | 44 | 36 | 31 | 52 | 41 | 34 | 29 | 36 | 31 | 27 | 31 | 27 | 24 | 27 | 24 | 21 | 19 |
| 9 | 52 | 40 | 33 | 28 | 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 | 23 | 19 | 23 | 20 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 14266 | 14266 | 14266 | 14266 |
| 5° | 16546 | 14309 | 12647 | 14309 |
| 10° | 19575 | 14246 | 11287 | 14246 |
| 15° | 22612 | 14114 | 9699 | 14114 |
| 20° | 25175 | 13933 | 8771 | 13933 |
| 25° | 25989 | 13755 | 8143 | 13755 |
| 30° | 22750 | 13539 | 7764 | 13539 |
| 35° | 17710 | 13219 | 7535 | 13219 |
| 40° | 13281 | 12853 | 7413 | 12853 |
| 45° | 10485 | 12265 | 7348 | 12265 |
| 50° | 8852 | 11588 | 7135 | 11588 |
| 55° | 7716 | 10842 | 6753 | 10842 |
| 60° | 6943 | 10070 | 5977 | 10070 |
| 65° | 6120 | 9234 | 5140 | 9234 |
| 70° | 5511 | 8368 | 4638 | 8368 |
| 75° | 4619 | 7417 | 3952 | 7417 |
| 80° | 3905 | 6323 | 3705 | 6323 |
| 85° | 3298 | 4946 | 3298 | 4946 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 171.2 | 2.1 |
| 10°-20° | 516.5 | 6.3 |
| 20°-30° | 807.8 | 9.9 |
| 30°-40° | 898.0 | 11.0 |
| 40°-50° | 796.7 | 9.8 |
| 50°-60° | 620.8 | 7.6 |
| 60°-70° | 406.5 | 5.0 |
| 70°-80° | 199.9 | 2.5 |
| 80°-90° | 52.8 | 0.6 |
| 90°-100° | 40.7 | 0.5 |
| 100°-110° | 259.5 | 3.2 |
| 110°-120° | 496.5 | 6.1 |
| 120°-130° | 630.3 | 7.7 |
| 130°-140° | 674.3 | 8.3 |
| 140°-150° | 630.6 | 7.7 |
| 150°-160° | 508.5 | 6.2 |
| 160°-170° | 328.0 | 4.0 |
| 170°-180° | 113.0 | 1.4 |
| 0°-30° | 1495.5 | 18.3 |
| 0°-40° | 2393.5 | 29.4 |
| 0°-60° | 3811.0 | 46.8 |
| 0°-90° | 4470.1 | 54.8 |
| 90°-120° | 796.7 | 9.8 |
| 90°-150° | 2731.9 | 33.5 |
| 90°-180° | 3681.0 | 45.2 |
| 0°-180° | 8151.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1767 | 1767 | 1767 | 1767 | 1767 | |
| 5° | 2042 | 1766 | 1561 | 1766 | 2042 | 207 |
| 15° | 2706 | 1689 | 1160 | 1689 | 2706 | 769 |
| 25° | 2918 | 1544 | 914 | 1544 | 2918 | 1294 |
| 35° | 1797 | 1341 | 765 | 1341 | 1797 | 1126 |
| 45° | 918 | 1074 | 644 | 1074 | 918 | 727 |
| 55° | 548 | 770 | 480 | 770 | 548 | 499 |
| 65° | 320 | 483 | 269 | 483 | 320 | 322 |
| 75° | 148 | 238 | 127 | 238 | 148 | 163 |
| 85° | 36 | 53 | 36 | 53 | 36 | 41 |
| 90° | 27 | 3 | 27 | 3 | 27 | 13 |
| 95° | 26 | 49 | 26 | 49 | 26 | 21 |
| 105° | 254 | 268 | 254 | 268 | 254 | 221 |
| 115° | 504 | 500 | 504 | 500 | 504 | 499 |
| 125° | 709 | 703 | 709 | 703 | 709 | 631 |
| 135° | 879 | 872 | 879 | 872 | 879 | 676 |
| 145° | 1011 | 1006 | 1011 | 1006 | 1011 | 632 |
| 155° | 1102 | 1103 | 1102 | 1103 | 1102 | 508 |
| 165° | 1158 | 1163 | 1158 | 1163 | 1158 | 327 |
| 175° | 1183 | 1190 | 1183 | 1190 | 1183 | 113 |
| 180° | 1190 | 1190 | 1190 | 1190 | 1190 | |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 |
| 2.5° | 1863.9 | 1869.0 | 1863.9 | 1863.3 | 1857.6 | 1855.9 | 1853.6 | 1846.2 | 1832.6 | 1824.6 | 1826.3 |
| 5° | 2041.8 | 2059.7 | 2049.7 | 2048.3 | 2032.7 | 2017.0 | 2007.0 | 1984.2 | 1960.0 | 1943.7 | 1930.1 |
| 7.5° | 2247.7 | 2258.0 | 2251.7 | 2241.8 | 2216.4 | 2202.1 | 2179.0 | 2148.9 | 2105.5 | 2072.3 | 2042.0 |
| 10° | 2387.9 | 2396.4 | 2393.6 | 2375.1 | 2356.5 | 2318.8 | 2297.5 | 2255.5 | 2200.7 | 2157.2 | 2116.7 |
| 12.5° | 2525.7 | 2534.9 | 2509.8 | 2510.6 | 2475.6 | 2445.9 | 2412.0 | 2359.1 | 2295.8 | 2239.8 | 2189.0 |
| 15° | 2705.5 | 2694.0 | 2694.0 | 2679.8 | 2640.6 | 2599.3 | 2564.5 | 2508.9 | 2429.2 | 2362.2 | 2291.8 |
| 17.5° | 2846.1 | 2850.1 | 2844.2 | 2810.7 | 2779.9 | 2737.2 | 2673.3 | 2608.4 | 2534.4 | 2444.5 | 2372.5 |
| 20° | 2930.4 | 2930.4 | 2924.0 | 2901.2 | 2861.3 | 2815.8 | 2746.7 | 2676.2 | 2582.2 | 2491.8 | 2410.7 |
| 22.5° | 2964.6 | 2966.8 | 2959.3 | 2940.5 | 2904.7 | 2860.2 | 2801.4 | 2729.8 | 2633.0 | 2531.1 | 2430.6 |
| 25° | 2917.6 | 2931.1 | 2932.5 | 2927.6 | 2916.9 | 2889.8 | 2839.3 | 2765.9 | 2679.1 | 2568.8 | 2460.5 |
| 27.5° | 2678.6 | 2695.7 | 2710.7 | 2735.3 | 2768.0 | 2785.2 | 2787.4 | 2750.1 | 2674.3 | 2568.1 | 2459.2 |
| 30° | 2440.5 | 2454.8 | 2501.1 | 2561.6 | 2608.6 | 2651.3 | 2688.3 | 2698.3 | 2655.6 | 2560.2 | 2445.5 |
| 32.5° | 2176.3 | 2195.7 | 2241.9 | 2307.0 | 2385.3 | 2457.6 | 2540.8 | 2583.2 | 2582.1 | 2524.9 | 2418.8 |
| 35° | 1797.0 | 1811.2 | 1854.0 | 1922.3 | 2016.2 | 2123.8 | 2255.5 | 2358.0 | 2427.8 | 2422.8 | 2358.0 |
| 37.5° | 1449.2 | 1465.3 | 1508.5 | 1565.1 | 1656.3 | 1789.4 | 1916.8 | 2058.1 | 2187.1 | 2259.6 | 2237.9 |
| 40° | 1260.2 | 1260.9 | 1302.9 | 1361.3 | 1446.7 | 1562.7 | 1701.6 | 1858.1 | 2002.0 | 2119.5 | 2142.2 |
| 42.5° | 1110.9 | 1111.1 | 1138.8 | 1201.8 | 1263.3 | 1372.5 | 1505.0 | 1660.5 | 1828.9 | 1964.5 | 2024.9 |
| 45° | 918.4 | 924.8 | 947.6 | 985.3 | 1033.8 | 1126.3 | 1232.3 | 1376.9 | 1565.6 | 1726.4 | 1826.8 |
| 47.5° | 777.8 | 787.1 | 801.6 | 832.4 | 871.0 | 932.6 | 1020.4 | 1150.2 | 1303.7 | 1480.7 | 1623.5 |
| 50° | 704.8 | 706.2 | 724.8 | 741.8 | 775.3 | 824.5 | 901.3 | 1009.5 | 1150.5 | 1320.6 | 1479.4 |
| 52.5° | 642.2 | 641.9 | 653.0 | 674.7 | 701.9 | 740.1 | 802.2 | 900.7 | 1025.7 | 1178.3 | 1342.2 |
| 55° | 548.2 | 551.8 | 560.3 | 577.4 | 598.1 | 625.1 | 674.2 | 748.2 | 846.5 | 976.8 | 1125.6 |
| 57.5° | 476.7 | 478.6 | 485.3 | 492.5 | 511.5 | 531.1 | 568.0 | 619.4 | 702.3 | 809.0 | 947.6 |
| 60° | 430.0 | 430.7 | 432.8 | 443.5 | 458.5 | 477.0 | 501.9 | 545.4 | 615.1 | 712.7 | 822.3 |
| 62.5° | 384.4 | 385.8 | 389.1 | 396.8 | 408.4 | 421.2 | 447.3 | 482.1 | 539.9 | 623.2 | 722.0 |
| 65° | 320.4 | 321.1 | 326.1 | 329.0 | 338.1 | 349.6 | 368.8 | 392.3 | 432.1 | 501.9 | 576.7 |
| 67.5° | 267.7 | 267.7 | 268.0 | 271.8 | 278.2 | 285.8 | 297.3 | 316.1 | 346.2 | 389.1 | 455.0 |
| 70° | 233.5 | 233.5 | 235.0 | 237.1 | 240.7 | 247.0 | 253.4 | 267.7 | 289.8 | 324.7 | 375.2 |
| 72.5° | 201.6 | 202.2 | 203.6 | 204.0 | 205.9 | 211.2 | 215.9 | 225.0 | 241.4 | 267.7 | 308.5 |
| 75° | 148.1 | 150.3 | 153.8 | 156.7 | 160.2 | 159.4 | 164.4 | 170.1 | 175.1 | 190.8 | 214.3 |
| 77.5° | 110.2 | 109.1 | 109.5 | 111.9 | 112.4 | 113.1 | 116.6 | 121.0 | 124.8 | 132.2 | 140.5 |
| 80° | 84.0 | 84.0 | 86.1 | 86.9 | 86.1 | 86.9 | 90.4 | 92.6 | 94.0 | 96.8 | 104.7 |
| 82.5° | 63.5 | 64.6 | 63.9 | 64.6 | 65.1 | 65.8 | 68.8 | 69.2 | 70.6 | 71.8 | 75.1 |
| 85° | 35.6 | 36.3 | 37.0 | 35.6 | 35.6 | 35.6 | 37.0 | 37.7 | 39.1 | 38.4 | 39.9 |
| 87.5° | 17.8 | 17.2 | 17.7 | 17.7 | 18.1 | 17.4 | 17.7 | 18.6 | 17.2 | 17.6 | 17.3 |
| 90° | 26.7 | 26.3 | 25.9 | 25.5 | 25.1 | 24.3 | 23.2 | 21.9 | 20.8 | 19.6 | 18.0 |
| 92.5° | 24.6 | 24.5 | 24.4 | 24.3 | 24.3 | 23.6 | 22.5 | 21.2 | 20.1 | 18.9 | 17.3 |
| 95° | 25.8 | 25.6 | 25.4 | 25.2 | 25.1 | 24.3 | 23.2 | 21.9 | 20.8 | 19.6 | 19.4 |
| 97.5° | 25.0 | 24.7 | 24.5 | 24.3 | 24.2 | 24.0 | 23.9 | 23.7 | 23.6 | 23.5 | 45.6 |
| 100° | 25.0 | 24.7 | 24.5 | 24.3 | 24.2 | 25.7 | 29.1 | 32.5 | 35.8 | 39.1 | 66.4 |
| 102.5° | 25.7 | 25.6 | 25.6 | 25.5 | 25.5 | 43.6 | 79.9 | 116.2 | 152.4 | 188.7 | 192.3 |
| 105° | 253.7 | 260.8 | 268.0 | 275.1 | 282.2 | 284.8 | 283.0 | 281.3 | 279.6 | 277.8 | 276.8 |
| 107.5° | 353.6 | 352.8 | 352.0 | 351.3 | 350.5 | 349.7 | 348.9 | 348.0 | 347.1 | 346.3 | 344.9 |
| 110° | 397.0 | 396.5 | 395.8 | 395.2 | 394.7 | 394.1 | 393.8 | 393.3 | 393.0 | 392.5 | 391.4 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 440.4 | 439.7 | 439.0 | 438.2 | 437.5 | 437.1 | 437.2 | 437.3 | 437.4 | 437.4 | 436.8 |
| 115° | 503.8 | 503.8 | 503.8 | 503.8 | 503.8 | 503.6 | 503.3 | 502.8 | 502.5 | 502.0 | 502.2 |
| 117.5° | 568.3 | 568.4 | 568.5 | 568.6 | 568.6 | 568.6 | 568.7 | 568.8 | 568.9 | 569.0 | 568.6 |
| 120° | 608.9 | 609.3 | 609.7 | 610.0 | 610.5 | 610.5 | 610.0 | 609.7 | 609.3 | 608.9 | 609.0 |
| 122.5° | 648.7 | 649.2 | 649.5 | 650.0 | 650.3 | 650.4 | 650.1 | 650.0 | 649.7 | 649.4 | 649.2 |
| 125° | 708.6 | 708.4 | 708.2 | 708.0 | 707.8 | 707.4 | 706.8 | 706.2 | 705.6 | 705.0 | 705.4 |
| 127.5° | 761.1 | 761.3 | 761.4 | 761.6 | 761.7 | 761.9 | 762.0 | 762.1 | 762.2 | 762.3 | 761.4 |
| 130° | 796.7 | 796.7 | 796.7 | 796.7 | 796.7 | 796.6 | 796.4 | 796.2 | 796.0 | 795.9 | 795.2 |
| 132.5° | 829.5 | 829.6 | 829.7 | 829.9 | 830.1 | 830.1 | 829.9 | 829.6 | 829.5 | 829.3 | 828.5 |
| 135° | 878.6 | 878.2 | 877.8 | 877.4 | 877.0 | 876.6 | 876.2 | 875.8 | 875.4 | 875.0 | 874.2 |
| 137.5° | 920.6 | 920.7 | 920.9 | 921.0 | 921.0 | 921.0 | 920.5 | 920.1 | 919.6 | 919.2 | 918.3 |
| 140° | 949.9 | 949.6 | 949.4 | 949.2 | 949.0 | 948.6 | 948.1 | 947.4 | 946.8 | 946.3 | 945.8 |
| 142.5° | 974.0 | 974.0 | 973.9 | 973.9 | 973.8 | 973.7 | 973.2 | 972.8 | 972.3 | 971.9 | 971.6 |
| 145° | 1011.2 | 1010.8 | 1010.4 | 1010.0 | 1009.7 | 1009.3 | 1009.1 | 1009.0 | 1008.8 | 1008.5 | 1008.5 |
| 147.5° | 1042.1 | 1041.9 | 1041.6 | 1041.4 | 1041.3 | 1041.1 | 1040.9 | 1040.7 | 1040.6 | 1040.4 | 1040.6 |
| 150° | 1061.9 | 1061.8 | 1061.6 | 1061.4 | 1061.1 | 1061.0 | 1061.0 | 1061.0 | 1061.0 | 1061.0 | 1061.3 |
| 152.5° | 1079.1 | 1079.1 | 1079.3 | 1079.4 | 1079.5 | 1079.4 | 1079.1 | 1078.8 | 1078.5 | 1078.2 | 1078.5 |
| 155° | 1102.1 | 1102.6 | 1103.2 | 1103.8 | 1104.4 | 1104.3 | 1103.5 | 1102.7 | 1101.9 | 1101.2 | 1101.7 |
| 157.5° | 1121.2 | 1122.3 | 1123.3 | 1124.4 | 1125.3 | 1125.3 | 1124.4 | 1123.3 | 1122.3 | 1121.2 | 1122.0 |
| 160° | 1134.1 | 1135.2 | 1136.5 | 1137.6 | 1138.8 | 1138.8 | 1137.6 | 1136.5 | 1135.2 | 1134.1 | 1134.3 |
| 162.5° | 1144.1 | 1145.4 | 1146.7 | 1148.1 | 1149.4 | 1149.5 | 1148.3 | 1147.1 | 1145.9 | 1144.8 | 1145.0 |
| 165° | 1158.1 | 1159.8 | 1161.6 | 1163.4 | 1165.2 | 1165.3 | 1163.8 | 1162.2 | 1160.6 | 1159.0 | 1159.0 |
| 167.5° | 1168.6 | 1170.5 | 1172.6 | 1174.6 | 1176.5 | 1176.6 | 1174.9 | 1173.1 | 1171.4 | 1169.7 | 1169.8 |
| 170° | 1175.0 | 1177.0 | 1179.0 | 1181.0 | 1182.9 | 1183.1 | 1181.5 | 1180.0 | 1178.4 | 1176.8 | 1176.6 |
| 172.5° | 1178.6 | 1180.7 | 1182.9 | 1185.0 | 1187.1 | 1187.4 | 1185.8 | 1184.3 | 1182.7 | 1181.1 | 1180.9 |
| 175° | 1183.0 | 1185.4 | 1187.8 | 1190.2 | 1192.5 | 1192.8 | 1191.1 | 1189.3 | 1187.5 | 1185.7 | 1185.5 |
| 177.5° | 1185.9 | 1187.8 | 1189.7 | 1191.6 | 1193.5 | 1193.8 | 1192.5 | 1191.2 | 1190.0 | 1188.7 | 1188.4 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 |
| 2.5° | 1820.6 | 1812.7 | 1808.7 | 1799.6 | 1788.7 | 1783.0 | 1777.9 | 1770.5 | 1760.8 | 1750.5 | 1743.1 |
| 5° | 1913.0 | 1896.0 | 1874.6 | 1849.0 | 1826.1 | 1804.1 | 1784.8 | 1765.7 | 1743.6 | 1720.8 | 1698.0 |
| 7.5° | 2007.9 | 1974.2 | 1938.0 | 1896.0 | 1855.0 | 1817.9 | 1783.7 | 1751.0 | 1714.0 | 1680.8 | 1650.6 |
| 10° | 2073.9 | 2028.4 | 1977.8 | 1924.4 | 1871.0 | 1824.7 | 1779.1 | 1737.9 | 1692.3 | 1651.7 | 1617.6 |
| 12.5° | 2127.4 | 2073.9 | 2013.1 | 1946.6 | 1882.4 | 1826.4 | 1774.1 | 1720.2 | 1668.4 | 1624.4 | 1578.9 |
| 15° | 2216.3 | 2143.0 | 2061.1 | 1981.4 | 1898.1 | 1821.9 | 1751.4 | 1688.7 | 1629.7 | 1567.7 | 1524.3 |
| 17.5° | 2277.4 | 2190.4 | 2090.9 | 1995.0 | 1896.7 | 1806.8 | 1725.5 | 1650.9 | 1582.7 | 1519.5 | 1467.8 |
| 20° | 2313.8 | 2217.7 | 2107.4 | 1998.4 | 1888.1 | 1792.0 | 1704.4 | 1621.8 | 1551.3 | 1483.0 | 1429.6 |
| 22.5° | 2334.3 | 2227.9 | 2107.4 | 1993.3 | 1879.0 | 1774.9 | 1678.7 | 1592.8 | 1516.0 | 1447.7 | 1388.6 |
| 25° | 2340.9 | 2227.0 | 2103.8 | 1972.8 | 1847.5 | 1737.1 | 1637.4 | 1544.2 | 1458.7 | 1390.4 | 1327.8 |
| 27.5° | 2331.8 | 2197.6 | 2071.5 | 1937.1 | 1807.8 | 1691.5 | 1586.8 | 1488.8 | 1403.3 | 1329.9 | 1265.7 |
| 30° | 2318.1 | 2174.3 | 2039.0 | 1899.5 | 1768.4 | 1656.7 | 1546.3 | 1452.4 | 1363.4 | 1287.2 | 1222.4 |
| 32.5° | 2288.5 | 2145.8 | 2000.3 | 1857.3 | 1724.7 | 1609.4 | 1504.8 | 1410.2 | 1322.9 | 1245.1 | 1176.3 |
| 35° | 2229.8 | 2085.3 | 1927.3 | 1780.6 | 1650.3 | 1530.7 | 1432.4 | 1341.3 | 1258.0 | 1174.7 | 1102.1 |
| 37.5° | 2152.5 | 2004.8 | 1847.6 | 1687.0 | 1556.6 | 1443.7 | 1353.5 | 1268.0 | 1186.7 | 1110.6 | 1030.2 |
| 40° | 2079.6 | 1945.1 | 1782.7 | 1623.3 | 1489.4 | 1380.5 | 1297.2 | 1219.6 | 1137.7 | 1062.2 | 981.8 |
| 42.5° | 1991.4 | 1876.7 | 1712.7 | 1552.6 | 1420.5 | 1315.5 | 1238.0 | 1162.1 | 1087.6 | 1014.4 | 930.5 |
| 45° | 1844.0 | 1757.1 | 1603.3 | 1449.6 | 1316.4 | 1212.5 | 1141.3 | 1074.3 | 1008.8 | 939.1 | 860.1 |
| 47.5° | 1675.1 | 1616.2 | 1483.5 | 1326.1 | 1202.9 | 1109.4 | 1040.6 | 985.9 | 930.5 | 860.8 | 791.4 |
| 50° | 1557.7 | 1520.0 | 1391.9 | 1248.0 | 1130.6 | 1044.5 | 973.9 | 922.7 | 876.4 | 809.5 | 747.5 |
| 52.5° | 1432.4 | 1412.4 | 1304.1 | 1166.6 | 1053.1 | 968.7 | 908.5 | 862.3 | 815.5 | 759.9 | 702.0 |
| 55° | 1241.6 | 1252.3 | 1160.5 | 1041.6 | 934.8 | 863.6 | 808.8 | 770.3 | 730.5 | 683.5 | 638.6 |
| 57.5° | 1046.6 | 1085.6 | 1024.0 | 919.5 | 819.5 | 753.7 | 712.4 | 680.0 | 646.6 | 607.6 | 569.3 |
| 60° | 929.8 | 962.5 | 927.6 | 835.8 | 748.2 | 687.1 | 648.6 | 623.7 | 590.2 | 554.6 | 525.4 |
| 62.5° | 815.9 | 851.0 | 830.3 | 756.1 | 674.8 | 622.1 | 588.2 | 565.0 | 540.1 | 509.1 | 478.8 |
| 65° | 672.8 | 695.5 | 685.6 | 634.4 | 576.7 | 531.8 | 500.5 | 483.4 | 460.7 | 437.8 | 410.8 |
| 67.5° | 515.3 | 559.3 | 553.5 | 526.3 | 476.4 | 441.4 | 420.9 | 405.8 | 385.0 | 368.1 | 349.7 |
| 70° | 423.7 | 464.2 | 463.5 | 441.4 | 414.4 | 381.6 | 367.4 | 354.5 | 336.0 | 319.7 | 304.7 |
| 72.5° | 346.7 | 383.9 | 389.4 | 372.5 | 354.0 | 329.2 | 315.6 | 306.7 | 288.7 | 277.5 | 265.4 |
| 75° | 242.8 | 269.8 | 277.0 | 277.0 | 268.4 | 255.6 | 243.5 | 237.8 | 225.0 | 215.0 | 207.9 |
| 77.5° | 159.2 | 176.3 | 187.3 | 189.9 | 191.3 | 187.0 | 177.0 | 173.0 | 163.2 | 159.6 | 152.8 |
| 80° | 112.4 | 123.9 | 136.7 | 141.0 | 144.5 | 143.1 | 138.8 | 136.0 | 126.7 | 123.1 | 120.3 |
| 82.5° | 77.8 | 84.0 | 94.5 | 104.0 | 102.9 | 106.6 | 102.9 | 100.7 | 93.7 | 92.4 | 89.5 |
| 85° | 40.6 | 41.3 | 42.7 | 49.1 | 52.7 | 54.1 | 54.8 | 53.4 | 51.3 | 51.3 | 46.3 |
| 87.5° | 16.9 | 16.1 | 16.9 | 16.5 | 16.7 | 18.5 | 19.8 | 19.9 | 18.6 | 17.4 | 16.1 |
| 90° | 16.4 | 14.8 | 13.3 | 11.4 | 9.2 | 7.0 | 4.8 | 2.7 | 4.8 | 7.0 | 9.2 |
| 92.5° | 15.7 | 14.1 | 12.6 | 11.7 | 11.6 | 11.4 | 11.3 | 11.2 | 11.3 | 11.4 | 11.6 |
| 95° | 19.2 | 19.0 | 18.8 | 22.0 | 28.8 | 35.5 | 42.3 | 49.0 | 42.3 | 35.5 | 28.8 |
| 97.5° | 67.7 | 89.7 | 111.8 | 120.7 | 116.5 | 112.4 | 108.2 | 104.0 | 108.2 | 112.4 | 116.5 |
| 100° | 93.8 | 121.1 | 148.4 | 160.2 | 156.7 | 153.1 | 149.5 | 146.0 | 149.5 | 153.1 | 156.7 |
| 102.5° | 195.8 | 199.4 | 203.0 | 203.4 | 200.8 | 198.2 | 195.6 | 193.0 | 195.6 | 198.2 | 200.8 |
| 105° | 275.7 | 274.7 | 273.8 | 272.7 | 271.5 | 270.3 | 269.1 | 268.0 | 269.1 | 270.3 | 271.5 |
| 107.5° | 343.6 | 342.2 | 340.9 | 339.9 | 339.3 | 338.8 | 338.1 | 337.5 | 338.1 | 338.8 | 339.3 |
| 110° | 390.2 | 389.0 | 387.8 | 386.9 | 386.3 | 385.8 | 385.1 | 384.6 | 385.1 | 385.8 | 386.3 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 436.3 | 435.8 | 435.2 | 434.4 | 433.4 | 432.3 | 431.2 | 430.2 | 431.2 | 432.3 | 433.4 |
| 115° | 502.5 | 502.7 | 502.8 | 502.7 | 502.0 | 501.5 | 500.9 | 500.2 | 500.9 | 501.5 | 502.0 |
| 117.5° | 568.1 | 567.7 | 567.2 | 566.7 | 565.9 | 565.1 | 564.3 | 563.5 | 564.3 | 565.1 | 565.9 |
| 120° | 609.3 | 609.5 | 609.7 | 609.4 | 608.6 | 607.8 | 607.0 | 606.2 | 607.0 | 607.8 | 608.6 |
| 122.5° | 648.9 | 648.6 | 648.4 | 648.0 | 647.5 | 647.0 | 646.6 | 646.0 | 646.6 | 647.0 | 647.5 |
| 125° | 705.8 | 706.2 | 706.6 | 706.4 | 705.6 | 704.8 | 704.0 | 703.2 | 704.0 | 704.8 | 705.6 |
| 127.5° | 760.5 | 759.6 | 758.7 | 758.1 | 758.0 | 757.8 | 757.5 | 757.3 | 757.5 | 757.8 | 758.0 |
| 130° | 794.6 | 794.1 | 793.4 | 793.0 | 792.8 | 792.6 | 792.5 | 792.3 | 792.5 | 792.6 | 792.8 |
| 132.5° | 827.8 | 827.1 | 826.3 | 825.7 | 825.4 | 825.0 | 824.7 | 824.3 | 824.7 | 825.0 | 825.4 |
| 135° | 873.4 | 872.6 | 871.8 | 871.6 | 871.7 | 872.0 | 872.2 | 872.4 | 872.2 | 872.0 | 871.7 |
| 137.5° | 917.5 | 916.6 | 915.7 | 915.3 | 915.2 | 915.1 | 915.0 | 914.9 | 915.0 | 915.1 | 915.2 |
| 140° | 945.5 | 945.0 | 944.7 | 944.2 | 943.9 | 943.5 | 943.1 | 942.7 | 943.1 | 943.5 | 943.9 |
| 142.5° | 971.4 | 971.2 | 970.9 | 970.4 | 969.7 | 969.0 | 968.3 | 967.6 | 968.3 | 969.0 | 969.7 |
| 145° | 1008.5 | 1008.5 | 1008.5 | 1008.3 | 1007.6 | 1007.1 | 1006.5 | 1005.8 | 1006.5 | 1007.1 | 1007.6 |
| 147.5° | 1040.8 | 1041.0 | 1041.3 | 1040.8 | 1039.6 | 1038.6 | 1037.4 | 1036.3 | 1037.4 | 1038.6 | 1039.6 |
| 150° | 1061.5 | 1061.7 | 1061.8 | 1061.6 | 1060.8 | 1060.0 | 1059.2 | 1058.4 | 1059.2 | 1060.0 | 1060.8 |
| 152.5° | 1078.9 | 1079.2 | 1079.6 | 1079.4 | 1078.8 | 1078.2 | 1077.5 | 1076.9 | 1077.5 | 1078.2 | 1078.8 |
| 155° | 1102.3 | 1103.0 | 1103.5 | 1103.7 | 1103.5 | 1103.3 | 1103.1 | 1103.0 | 1103.1 | 1103.3 | 1103.5 |
| 157.5° | 1122.6 | 1123.3 | 1123.9 | 1124.4 | 1124.4 | 1124.5 | 1124.7 | 1124.8 | 1124.7 | 1124.5 | 1124.4 |
| 160° | 1134.4 | 1134.7 | 1134.9 | 1135.2 | 1135.9 | 1136.5 | 1137.0 | 1137.6 | 1137.0 | 1136.5 | 1135.9 |
| 162.5° | 1145.1 | 1145.3 | 1145.6 | 1146.0 | 1146.7 | 1147.5 | 1148.3 | 1149.1 | 1148.3 | 1147.5 | 1146.7 |
| 165° | 1159.0 | 1159.0 | 1159.0 | 1159.5 | 1160.5 | 1161.5 | 1162.4 | 1163.4 | 1162.4 | 1161.5 | 1160.5 |
| 167.5° | 1169.9 | 1170.0 | 1170.2 | 1170.7 | 1171.8 | 1172.8 | 1173.8 | 1174.8 | 1173.8 | 1172.8 | 1171.8 |
| 170° | 1176.4 | 1176.2 | 1176.0 | 1176.5 | 1177.7 | 1178.8 | 1180.1 | 1181.2 | 1180.1 | 1178.8 | 1177.7 |
| 172.5° | 1180.7 | 1180.4 | 1180.3 | 1180.8 | 1182.0 | 1183.1 | 1184.4 | 1185.5 | 1184.4 | 1183.1 | 1182.0 |
| 175° | 1185.4 | 1185.1 | 1184.9 | 1185.4 | 1186.6 | 1187.8 | 1189.0 | 1190.2 | 1189.0 | 1187.8 | 1186.6 |
| 177.5° | 1188.1 | 1187.8 | 1187.5 | 1187.8 | 1189.0 | 1190.1 | 1191.1 | 1192.3 | 1191.1 | 1190.1 | 1189.0 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 |
| 2.5° | 1735.2 | 1729.5 | 1722.1 | 1713.5 | 1703.3 | 1694.2 | 1690.1 | 1693.6 | 1695.3 | 1690.8 | 1690.1 |
| 5° | 1682.3 | 1664.6 | 1650.3 | 1629.0 | 1611.9 | 1597.6 | 1587.7 | 1583.4 | 1584.8 | 1573.4 | 1570.6 |
| 7.5° | 1623.0 | 1601.9 | 1578.5 | 1553.2 | 1529.6 | 1508.6 | 1497.6 | 1491.7 | 1479.6 | 1474.4 | 1465.8 |
| 10° | 1584.8 | 1556.3 | 1533.6 | 1503.6 | 1476.6 | 1451.7 | 1439.6 | 1429.6 | 1417.5 | 1411.8 | 1399.7 |
| 12.5° | 1545.5 | 1512.4 | 1487.4 | 1456.3 | 1428.7 | 1398.7 | 1387.1 | 1368.7 | 1349.7 | 1337.7 | 1322.2 |
| 15° | 1490.1 | 1450.3 | 1419.6 | 1382.6 | 1349.9 | 1315.7 | 1285.0 | 1250.9 | 1238.1 | 1211.0 | 1195.3 |
| 17.5° | 1425.3 | 1384.9 | 1347.0 | 1297.4 | 1246.8 | 1204.3 | 1171.7 | 1139.0 | 1119.4 | 1102.1 | 1094.1 |
| 20° | 1382.6 | 1345.6 | 1292.9 | 1235.2 | 1179.0 | 1132.0 | 1105.6 | 1084.3 | 1062.9 | 1050.9 | 1042.3 |
| 22.5° | 1342.2 | 1294.9 | 1233.7 | 1171.4 | 1115.2 | 1078.4 | 1056.1 | 1034.2 | 1016.8 | 1005.3 | 993.9 |
| 25° | 1274.4 | 1212.5 | 1147.6 | 1076.5 | 1038.0 | 1006.0 | 981.8 | 963.9 | 953.3 | 938.3 | 932.6 |
| 27.5° | 1204.8 | 1129.7 | 1058.3 | 1010.4 | 970.4 | 941.0 | 920.0 | 906.6 | 893.0 | 883.5 | 876.1 |
| 30° | 1151.2 | 1075.0 | 1010.9 | 965.4 | 924.8 | 900.6 | 883.5 | 867.9 | 857.2 | 849.4 | 843.6 |
| 32.5° | 1098.2 | 1022.1 | 968.2 | 919.3 | 887.3 | 863.6 | 845.3 | 833.7 | 825.3 | 815.2 | 811.7 |
| 35° | 1021.6 | 954.0 | 907.0 | 862.9 | 830.1 | 808.8 | 794.5 | 782.5 | 775.3 | 772.5 | 770.3 |
| 37.5° | 948.1 | 892.6 | 842.1 | 805.9 | 776.8 | 759.9 | 743.2 | 737.2 | 732.3 | 727.2 | 729.5 |
| 40° | 901.3 | 849.4 | 804.5 | 766.1 | 742.5 | 724.1 | 714.1 | 706.9 | 702.7 | 702.7 | 702.7 |
| 42.5° | 860.9 | 810.0 | 766.3 | 731.9 | 708.4 | 692.8 | 681.6 | 675.6 | 674.2 | 673.7 | 677.1 |
| 45° | 798.1 | 751.1 | 706.9 | 678.5 | 658.5 | 642.9 | 636.5 | 631.5 | 631.5 | 634.4 | 635.1 |
| 47.5° | 735.8 | 691.9 | 656.4 | 624.6 | 606.3 | 596.5 | 590.9 | 588.4 | 588.6 | 591.5 | 594.8 |
| 50° | 697.7 | 654.2 | 619.4 | 590.9 | 573.8 | 564.5 | 559.5 | 558.2 | 559.5 | 559.5 | 564.5 |
| 52.5° | 656.1 | 617.2 | 582.9 | 559.0 | 539.7 | 531.0 | 528.2 | 526.3 | 527.1 | 529.4 | 531.5 |
| 55° | 595.2 | 560.3 | 527.5 | 504.8 | 490.5 | 484.8 | 478.4 | 479.1 | 477.7 | 479.1 | 479.1 |
| 57.5° | 534.1 | 502.7 | 472.3 | 454.2 | 441.7 | 433.5 | 426.4 | 428.5 | 426.3 | 426.1 | 424.9 |
| 60° | 494.8 | 460.7 | 436.4 | 420.1 | 405.8 | 398.7 | 392.3 | 393.7 | 391.6 | 390.1 | 387.3 |
| 62.5° | 452.1 | 423.7 | 400.6 | 384.8 | 373.4 | 365.1 | 358.6 | 357.2 | 352.3 | 347.4 | 341.2 |
| 65° | 390.1 | 366.7 | 346.0 | 331.1 | 320.4 | 314.0 | 309.0 | 304.7 | 294.0 | 282.7 | 277.0 |
| 67.5° | 329.9 | 313.0 | 293.7 | 281.1 | 272.4 | 264.0 | 254.5 | 247.2 | 237.2 | 231.0 | 227.4 |
| 70° | 291.1 | 274.8 | 258.4 | 246.3 | 237.1 | 229.3 | 218.6 | 213.6 | 206.4 | 203.6 | 200.1 |
| 72.5° | 254.1 | 238.9 | 223.7 | 212.8 | 202.9 | 196.8 | 188.4 | 183.4 | 180.3 | 179.1 | 175.6 |
| 75° | 198.0 | 185.8 | 174.4 | 164.4 | 156.7 | 152.4 | 148.8 | 145.3 | 143.8 | 137.4 | 133.8 |
| 77.5° | 144.4 | 136.4 | 129.3 | 122.2 | 116.6 | 113.8 | 106.9 | 102.8 | 100.4 | 97.4 | 96.7 |
| 80° | 112.4 | 106.8 | 99.7 | 95.4 | 87.6 | 84.7 | 81.9 | 81.1 | 80.4 | 79.7 | 79.0 |
| 82.5° | 84.6 | 78.9 | 71.8 | 69.2 | 67.1 | 65.4 | 63.7 | 63.0 | 62.2 | 62.7 | 62.5 |
| 85° | 42.7 | 39.9 | 39.9 | 39.1 | 38.4 | 37.7 | 37.0 | 37.0 | 36.3 | 37.0 | 36.3 |
| 87.5° | 16.5 | 16.3 | 16.7 | 15.8 | 16.7 | 17.0 | 16.7 | 16.9 | 17.7 | 16.9 | 16.9 |
| 90° | 11.4 | 13.3 | 14.8 | 16.4 | 18.0 | 19.6 | 20.8 | 21.9 | 23.2 | 24.3 | 25.1 |
| 92.5° | 11.7 | 12.6 | 14.1 | 15.7 | 17.3 | 18.9 | 20.1 | 21.2 | 22.5 | 23.6 | 24.3 |
| 95° | 22.0 | 18.8 | 19.0 | 19.2 | 19.4 | 19.6 | 20.8 | 21.9 | 23.2 | 24.3 | 25.1 |
| 97.5° | 120.7 | 111.8 | 89.7 | 67.7 | 45.6 | 23.5 | 23.6 | 23.7 | 23.9 | 24.0 | 24.2 |
| 100° | 160.2 | 148.4 | 121.1 | 93.8 | 66.4 | 39.1 | 35.8 | 32.5 | 29.1 | 25.7 | 24.2 |
| 102.5° | 203.4 | 203.0 | 199.4 | 195.8 | 192.3 | 188.7 | 152.4 | 116.2 | 79.9 | 43.6 | 25.5 |
| 105° | 272.7 | 273.8 | 274.7 | 275.7 | 276.8 | 277.8 | 279.6 | 281.3 | 283.0 | 284.8 | 282.2 |
| 107.5° | 339.9 | 340.9 | 342.2 | 343.6 | 344.9 | 346.3 | 347.1 | 348.0 | 348.9 | 349.7 | 350.5 |
| 110° | 386.9 | 387.8 | 389.0 | 390.2 | 391.4 | 392.5 | 393.0 | 393.3 | 393.8 | 394.1 | 394.7 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 434.4 | 435.2 | 435.8 | 436.3 | 436.8 | 437.4 | 437.4 | 437.3 | 437.2 | 437.1 | 437.5 |
| 115° | 502.7 | 502.8 | 502.7 | 502.5 | 502.2 | 502.0 | 502.5 | 502.8 | 503.3 | 503.6 | 503.8 |
| 117.5° | 566.7 | 567.2 | 567.7 | 568.1 | 568.6 | 569.0 | 568.9 | 568.8 | 568.7 | 568.6 | 568.6 |
| 120° | 609.4 | 609.7 | 609.5 | 609.3 | 609.0 | 608.9 | 609.3 | 609.7 | 610.0 | 610.5 | 610.5 |
| 122.5° | 648.0 | 648.4 | 648.6 | 648.9 | 649.2 | 649.4 | 649.7 | 650.0 | 650.1 | 650.4 | 650.3 |
| 125° | 706.4 | 706.6 | 706.2 | 705.8 | 705.4 | 705.0 | 705.6 | 706.2 | 706.8 | 707.4 | 707.8 |
| 127.5° | 758.1 | 758.7 | 759.6 | 760.5 | 761.4 | 762.3 | 762.2 | 762.1 | 762.0 | 761.9 | 761.7 |
| 130° | 793.0 | 793.4 | 794.1 | 794.6 | 795.2 | 795.9 | 796.0 | 796.2 | 796.4 | 796.6 | 796.7 |
| 132.5° | 825.7 | 826.3 | 827.1 | 827.8 | 828.5 | 829.3 | 829.5 | 829.6 | 829.9 | 830.1 | 830.1 |
| 135° | 871.6 | 871.8 | 872.6 | 873.4 | 874.2 | 875.0 | 875.4 | 875.8 | 876.2 | 876.6 | 877.0 |
| 137.5° | 915.3 | 915.7 | 916.6 | 917.5 | 918.3 | 919.2 | 919.6 | 920.1 | 920.5 | 921.0 | 921.0 |
| 140° | 944.2 | 944.7 | 945.0 | 945.5 | 945.8 | 946.3 | 946.8 | 947.4 | 948.1 | 948.6 | 949.0 |
| 142.5° | 970.4 | 970.9 | 971.2 | 971.4 | 971.6 | 971.9 | 972.3 | 972.8 | 973.2 | 973.7 | 973.8 |
| 145° | 1008.3 | 1008.5 | 1008.5 | 1008.5 | 1008.5 | 1008.5 | 1008.8 | 1009.0 | 1009.1 | 1009.3 | 1009.7 |
| 147.5° | 1040.8 | 1041.3 | 1041.0 | 1040.8 | 1040.6 | 1040.4 | 1040.6 | 1040.7 | 1040.9 | 1041.1 | 1041.3 |
| 150° | 1061.6 | 1061.8 | 1061.7 | 1061.5 | 1061.3 | 1061.0 | 1061.0 | 1061.0 | 1061.0 | 1061.0 | 1061.1 |
| 152.5° | 1079.4 | 1079.6 | 1079.2 | 1078.9 | 1078.5 | 1078.2 | 1078.5 | 1078.8 | 1079.1 | 1079.4 | 1079.5 |
| 155° | 1103.7 | 1103.5 | 1103.0 | 1102.3 | 1101.7 | 1101.2 | 1101.9 | 1102.7 | 1103.5 | 1104.3 | 1104.4 |
| 157.5° | 1124.4 | 1123.9 | 1123.3 | 1122.6 | 1122.0 | 1121.2 | 1122.3 | 1123.3 | 1124.4 | 1125.3 | 1125.3 |
| 160° | 1135.2 | 1134.9 | 1134.7 | 1134.4 | 1134.3 | 1134.1 | 1135.2 | 1136.5 | 1137.6 | 1138.8 | 1138.8 |
| 162.5° | 1146.0 | 1145.6 | 1145.3 | 1145.1 | 1145.0 | 1144.8 | 1145.9 | 1147.1 | 1148.3 | 1149.5 | 1149.4 |
| 165° | 1159.5 | 1159.0 | 1159.0 | 1159.0 | 1159.0 | 1159.0 | 1160.6 | 1162.2 | 1163.8 | 1165.3 | 1165.2 |
| 167.5° | 1170.7 | 1170.2 | 1170.0 | 1169.9 | 1169.8 | 1169.7 | 1171.4 | 1173.1 | 1174.9 | 1176.6 | 1176.5 |
| 170° | 1176.5 | 1176.0 | 1176.2 | 1176.4 | 1176.6 | 1176.8 | 1178.4 | 1180.0 | 1181.5 | 1183.1 | 1182.9 |
| 172.5° | 1180.8 | 1180.3 | 1180.4 | 1180.7 | 1180.9 | 1181.1 | 1182.7 | 1184.3 | 1185.8 | 1187.4 | 1187.1 |
| 175° | 1185.4 | 1184.9 | 1185.1 | 1185.4 | 1185.5 | 1185.7 | 1187.5 | 1189.3 | 1191.1 | 1192.8 | 1192.5 |
| 177.5° | 1187.8 | 1187.5 | 1187.8 | 1188.1 | 1188.4 | 1188.7 | 1190.0 | 1191.2 | 1192.5 | 1193.8 | 1193.5 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 |
| 2.5° | 1686.8 | 1687.9 | 1683.9 | 1682.7 | 1683.9 | 1687.9 | 1686.8 | 1690.1 | 1690.8 | 1695.3 | 1693.6 |
| 5° | 1564.9 | 1563.4 | 1559.9 | 1560.6 | 1559.9 | 1563.4 | 1564.9 | 1570.6 | 1573.4 | 1584.8 | 1583.4 |
| 7.5° | 1460.6 | 1455.1 | 1456.6 | 1451.0 | 1456.6 | 1455.1 | 1460.6 | 1465.8 | 1474.4 | 1479.6 | 1491.7 |
| 10° | 1396.9 | 1389.0 | 1382.6 | 1376.9 | 1382.6 | 1389.0 | 1396.9 | 1399.7 | 1411.8 | 1417.5 | 1429.6 |
| 12.5° | 1309.7 | 1303.0 | 1294.3 | 1296.0 | 1294.3 | 1303.0 | 1309.7 | 1322.2 | 1337.7 | 1349.7 | 1368.7 |
| 15° | 1186.1 | 1175.5 | 1158.3 | 1160.5 | 1158.3 | 1175.5 | 1186.1 | 1195.3 | 1211.0 | 1238.1 | 1250.9 |
| 17.5° | 1081.5 | 1081.6 | 1073.8 | 1075.6 | 1073.8 | 1081.6 | 1081.5 | 1094.1 | 1102.1 | 1119.4 | 1139.0 |
| 20° | 1027.3 | 1022.3 | 1023.1 | 1020.9 | 1023.1 | 1022.3 | 1027.3 | 1042.3 | 1050.9 | 1062.9 | 1084.3 |
| 22.5° | 989.7 | 983.6 | 978.7 | 974.2 | 978.7 | 983.6 | 989.7 | 993.9 | 1005.3 | 1016.8 | 1034.2 |
| 25° | 926.2 | 921.9 | 915.6 | 914.2 | 915.6 | 921.9 | 926.2 | 932.6 | 938.3 | 953.3 | 963.9 |
| 27.5° | 870.4 | 869.6 | 867.0 | 863.7 | 867.0 | 869.6 | 870.4 | 876.1 | 883.5 | 893.0 | 906.6 |
| 30° | 837.9 | 836.5 | 835.1 | 832.9 | 835.1 | 836.5 | 837.9 | 843.6 | 849.4 | 857.2 | 867.9 |
| 32.5° | 809.0 | 808.1 | 806.6 | 806.8 | 806.6 | 808.1 | 809.0 | 811.7 | 815.2 | 825.3 | 833.7 |
| 35° | 767.5 | 766.8 | 765.4 | 764.6 | 765.4 | 766.8 | 767.5 | 770.3 | 772.5 | 775.3 | 782.5 |
| 37.5° | 728.8 | 730.6 | 729.8 | 729.6 | 729.8 | 730.6 | 728.8 | 729.5 | 727.2 | 732.3 | 737.2 |
| 40° | 702.0 | 702.7 | 704.1 | 703.4 | 704.1 | 702.7 | 702.0 | 702.7 | 702.7 | 702.7 | 706.9 |
| 42.5° | 679.8 | 679.9 | 681.9 | 679.5 | 681.9 | 679.9 | 679.8 | 677.1 | 673.7 | 674.2 | 675.6 |
| 45° | 640.1 | 644.4 | 643.6 | 643.6 | 643.6 | 644.4 | 640.1 | 635.1 | 634.4 | 631.5 | 631.5 |
| 47.5° | 596.6 | 600.3 | 601.3 | 601.2 | 601.3 | 600.3 | 596.6 | 594.8 | 591.5 | 588.6 | 588.4 |
| 50° | 568.1 | 566.7 | 568.8 | 568.1 | 568.8 | 566.7 | 568.1 | 564.5 | 559.5 | 559.5 | 558.2 |
| 52.5° | 533.4 | 533.7 | 533.5 | 532.8 | 533.5 | 533.7 | 533.4 | 531.5 | 529.4 | 527.1 | 526.3 |
| 55° | 479.8 | 480.5 | 479.1 | 479.8 | 479.1 | 480.5 | 479.8 | 479.1 | 479.1 | 477.7 | 479.1 |
| 57.5° | 421.8 | 418.3 | 419.7 | 418.0 | 419.7 | 418.3 | 421.8 | 424.9 | 426.1 | 426.3 | 428.5 |
| 60° | 380.2 | 374.5 | 373.1 | 370.2 | 373.1 | 374.5 | 380.2 | 387.3 | 390.1 | 391.6 | 393.7 |
| 62.5° | 333.5 | 329.5 | 324.7 | 326.9 | 324.7 | 329.5 | 333.5 | 341.2 | 347.4 | 352.3 | 357.2 |
| 65° | 271.3 | 268.4 | 266.3 | 269.1 | 266.3 | 268.4 | 271.3 | 277.0 | 282.7 | 294.0 | 304.7 |
| 67.5° | 224.5 | 223.0 | 223.0 | 221.6 | 223.0 | 223.0 | 224.5 | 227.4 | 231.0 | 237.2 | 247.2 |
| 70° | 200.1 | 198.0 | 198.0 | 196.5 | 198.0 | 198.0 | 200.1 | 200.1 | 203.6 | 206.4 | 213.6 |
| 72.5° | 175.0 | 172.9 | 173.4 | 172.5 | 173.4 | 172.9 | 175.0 | 175.6 | 179.1 | 180.3 | 183.4 |
| 75° | 129.6 | 126.0 | 126.0 | 126.7 | 126.0 | 126.0 | 129.6 | 133.8 | 137.4 | 143.8 | 145.3 |
| 77.5° | 96.7 | 95.9 | 96.9 | 95.7 | 96.9 | 95.9 | 96.7 | 96.7 | 97.4 | 100.4 | 102.8 |
| 80° | 79.0 | 78.3 | 77.6 | 79.7 | 77.6 | 78.3 | 79.0 | 79.0 | 79.7 | 80.4 | 81.1 |
| 82.5° | 61.3 | 61.3 | 61.1 | 63.8 | 61.1 | 61.3 | 61.3 | 62.5 | 62.7 | 62.2 | 63.0 |
| 85° | 37.0 | 35.6 | 37.0 | 35.6 | 37.0 | 35.6 | 37.0 | 36.3 | 37.0 | 36.3 | 37.0 |
| 87.5° | 18.2 | 17.7 | 17.2 | 17.8 | 17.2 | 17.7 | 18.2 | 16.9 | 16.9 | 17.7 | 16.9 |
| 90° | 25.5 | 25.9 | 26.3 | 26.7 | 26.3 | 25.9 | 25.5 | 25.1 | 24.3 | 23.2 | 21.9 |
| 92.5° | 24.3 | 24.4 | 24.5 | 24.6 | 24.5 | 24.4 | 24.3 | 24.3 | 23.6 | 22.5 | 21.2 |
| 95° | 25.2 | 25.4 | 25.6 | 25.8 | 25.6 | 25.4 | 25.2 | 25.1 | 24.3 | 23.2 | 21.9 |
| 97.5° | 24.3 | 24.5 | 24.7 | 25.0 | 24.7 | 24.5 | 24.3 | 24.2 | 24.0 | 23.9 | 23.7 |
| 100° | 24.3 | 24.5 | 24.7 | 25.0 | 24.7 | 24.5 | 24.3 | 24.2 | 25.7 | 29.1 | 32.5 |
| 102.5° | 25.5 | 25.6 | 25.6 | 25.7 | 25.6 | 25.6 | 25.5 | 25.5 | 43.6 | 79.9 | 116.2 |
| 105° | 275.1 | 268.0 | 260.8 | 253.7 | 260.8 | 268.0 | 275.1 | 282.2 | 284.8 | 283.0 | 281.3 |
| 107.5° | 351.3 | 352.0 | 352.8 | 353.6 | 352.8 | 352.0 | 351.3 | 350.5 | 349.7 | 348.9 | 348.0 |
| 110° | 395.2 | 395.8 | 396.5 | 397.0 | 396.5 | 395.8 | 395.2 | 394.7 | 394.1 | 393.8 | 393.3 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 438.2 | 439.0 | 439.7 | 440.4 | 439.7 | 439.0 | 438.2 | 437.5 | 437.1 | 437.2 | 437.3 |
| 115° | 503.8 | 503.8 | 503.8 | 503.8 | 503.8 | 503.8 | 503.8 | 503.8 | 503.6 | 503.3 | 502.8 |
| 117.5° | 568.6 | 568.5 | 568.4 | 568.3 | 568.4 | 568.5 | 568.6 | 568.6 | 568.6 | 568.7 | 568.8 |
| 120° | 610.0 | 609.7 | 609.3 | 608.9 | 609.3 | 609.7 | 610.0 | 610.5 | 610.5 | 610.0 | 609.7 |
| 122.5° | 650.0 | 649.5 | 649.2 | 648.7 | 649.2 | 649.5 | 650.0 | 650.3 | 650.4 | 650.1 | 650.0 |
| 125° | 708.0 | 708.2 | 708.4 | 708.6 | 708.4 | 708.2 | 708.0 | 707.8 | 707.4 | 706.8 | 706.2 |
| 127.5° | 761.6 | 761.4 | 761.3 | 761.1 | 761.3 | 761.4 | 761.6 | 761.7 | 761.9 | 762.0 | 762.1 |
| 130° | 796.7 | 796.7 | 796.7 | 796.7 | 796.7 | 796.7 | 796.7 | 796.7 | 796.6 | 796.4 | 796.2 |
| 132.5° | 829.9 | 829.7 | 829.6 | 829.5 | 829.6 | 829.7 | 829.9 | 830.1 | 830.1 | 829.9 | 829.6 |
| 135° | 877.4 | 877.8 | 878.2 | 878.6 | 878.2 | 877.8 | 877.4 | 877.0 | 876.6 | 876.2 | 875.8 |
| 137.5° | 921.0 | 920.9 | 920.7 | 920.6 | 920.7 | 920.9 | 921.0 | 921.0 | 921.0 | 920.5 | 920.1 |
| 140° | 949.2 | 949.4 | 949.6 | 949.9 | 949.6 | 949.4 | 949.2 | 949.0 | 948.6 | 948.1 | 947.4 |
| 142.5° | 973.9 | 973.9 | 974.0 | 974.0 | 974.0 | 973.9 | 973.9 | 973.8 | 973.7 | 973.2 | 972.8 |
| 145° | 1010.0 | 1010.4 | 1010.8 | 1011.2 | 1010.8 | 1010.4 | 1010.0 | 1009.7 | 1009.3 | 1009.1 | 1009.0 |
| 147.5° | 1041.4 | 1041.6 | 1041.9 | 1042.1 | 1041.9 | 1041.6 | 1041.4 | 1041.3 | 1041.1 | 1040.9 | 1040.7 |
| 150° | 1061.4 | 1061.6 | 1061.8 | 1061.9 | 1061.8 | 1061.6 | 1061.4 | 1061.1 | 1061.0 | 1061.0 | 1061.0 |
| 152.5° | 1079.4 | 1079.3 | 1079.1 | 1079.1 | 1079.1 | 1079.3 | 1079.4 | 1079.5 | 1079.4 | 1079.1 | 1078.8 |
| 155° | 1103.8 | 1103.2 | 1102.6 | 1102.1 | 1102.6 | 1103.2 | 1103.8 | 1104.4 | 1104.3 | 1103.5 | 1102.7 |
| 157.5° | 1124.4 | 1123.3 | 1122.3 | 1121.2 | 1122.3 | 1123.3 | 1124.4 | 1125.3 | 1125.3 | 1124.4 | 1123.3 |
| 160° | 1137.6 | 1136.5 | 1135.2 | 1134.1 | 1135.2 | 1136.5 | 1137.6 | 1138.8 | 1138.8 | 1137.6 | 1136.5 |
| 162.5° | 1148.1 | 1146.7 | 1145.4 | 1144.1 | 1145.4 | 1146.7 | 1148.1 | 1149.4 | 1149.5 | 1148.3 | 1147.1 |
| 165° | 1163.4 | 1161.6 | 1159.8 | 1158.1 | 1159.8 | 1161.6 | 1163.4 | 1165.2 | 1165.3 | 1163.8 | 1162.2 |
| 167.5° | 1174.6 | 1172.6 | 1170.5 | 1168.6 | 1170.5 | 1172.6 | 1174.6 | 1176.5 | 1176.6 | 1174.9 | 1173.1 |
| 170° | 1181.0 | 1179.0 | 1177.0 | 1175.0 | 1177.0 | 1179.0 | 1181.0 | 1182.9 | 1183.1 | 1181.5 | 1180.0 |
| 172.5° | 1185.0 | 1182.9 | 1180.7 | 1178.6 | 1180.7 | 1182.9 | 1185.0 | 1187.1 | 1187.4 | 1185.8 | 1184.3 |
| 175° | 1190.2 | 1187.8 | 1185.4 | 1183.0 | 1185.4 | 1187.8 | 1190.2 | 1192.5 | 1192.8 | 1191.1 | 1189.3 |
| 177.5° | 1191.6 | 1189.7 | 1187.8 | 1185.9 | 1187.8 | 1189.7 | 1191.6 | 1193.5 | 1193.8 | 1192.5 | 1191.2 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 |
| 2.5° | 1690.1 | 1694.2 | 1703.3 | 1713.5 | 1722.1 | 1729.5 | 1735.2 | 1743.1 | 1750.5 | 1760.8 | 1770.5 |
| 5° | 1587.7 | 1597.6 | 1611.9 | 1629.0 | 1650.3 | 1664.6 | 1682.3 | 1698.0 | 1720.8 | 1743.6 | 1765.7 |
| 7.5° | 1497.6 | 1508.6 | 1529.6 | 1553.2 | 1578.5 | 1601.9 | 1623.0 | 1650.6 | 1680.8 | 1714.0 | 1751.0 |
| 10° | 1439.6 | 1451.7 | 1476.6 | 1503.6 | 1533.6 | 1556.3 | 1584.8 | 1617.6 | 1651.7 | 1692.3 | 1737.9 |
| 12.5° | 1387.1 | 1398.7 | 1428.7 | 1456.3 | 1487.4 | 1512.4 | 1545.5 | 1578.9 | 1624.4 | 1668.4 | 1720.2 |
| 15° | 1285.0 | 1315.7 | 1349.9 | 1382.6 | 1419.6 | 1450.3 | 1490.1 | 1524.3 | 1567.7 | 1629.7 | 1688.7 |
| 17.5° | 1171.7 | 1204.3 | 1246.8 | 1297.4 | 1347.0 | 1384.9 | 1425.3 | 1467.8 | 1519.5 | 1582.7 | 1650.9 |
| 20° | 1105.6 | 1132.0 | 1179.0 | 1235.2 | 1292.9 | 1345.6 | 1382.6 | 1429.6 | 1483.0 | 1551.3 | 1621.8 |
| 22.5° | 1056.1 | 1078.4 | 1115.2 | 1171.4 | 1233.7 | 1294.9 | 1342.2 | 1388.6 | 1447.7 | 1516.0 | 1592.8 |
| 25° | 981.8 | 1006.0 | 1038.0 | 1076.5 | 1147.6 | 1212.5 | 1274.4 | 1327.8 | 1390.4 | 1458.7 | 1544.2 |
| 27.5° | 920.0 | 941.0 | 970.4 | 1010.4 | 1058.3 | 1129.7 | 1204.8 | 1265.7 | 1329.9 | 1403.3 | 1488.8 |
| 30° | 883.5 | 900.6 | 924.8 | 965.4 | 1010.9 | 1075.0 | 1151.2 | 1222.4 | 1287.2 | 1363.4 | 1452.4 |
| 32.5° | 845.3 | 863.6 | 887.3 | 919.3 | 968.2 | 1022.1 | 1098.2 | 1176.3 | 1245.1 | 1322.9 | 1410.2 |
| 35° | 794.5 | 808.8 | 830.1 | 862.9 | 907.0 | 954.0 | 1021.6 | 1102.1 | 1174.7 | 1258.0 | 1341.3 |
| 37.5° | 743.2 | 759.9 | 776.8 | 805.9 | 842.1 | 892.6 | 948.1 | 1030.2 | 1110.6 | 1186.7 | 1268.0 |
| 40° | 714.1 | 724.1 | 742.5 | 766.1 | 804.5 | 849.4 | 901.3 | 981.8 | 1062.2 | 1137.7 | 1219.6 |
| 42.5° | 681.6 | 692.8 | 708.4 | 731.9 | 766.3 | 810.0 | 860.9 | 930.5 | 1014.4 | 1087.6 | 1162.1 |
| 45° | 636.5 | 642.9 | 658.5 | 678.5 | 706.9 | 751.1 | 798.1 | 860.1 | 939.1 | 1008.8 | 1074.3 |
| 47.5° | 590.9 | 596.5 | 606.3 | 624.6 | 656.4 | 691.9 | 735.8 | 791.4 | 860.8 | 930.5 | 985.9 |
| 50° | 559.5 | 564.5 | 573.8 | 590.9 | 619.4 | 654.2 | 697.7 | 747.5 | 809.5 | 876.4 | 922.7 |
| 52.5° | 528.2 | 531.0 | 539.7 | 559.0 | 582.9 | 617.2 | 656.1 | 702.0 | 759.9 | 815.5 | 862.3 |
| 55° | 478.4 | 484.8 | 490.5 | 504.8 | 527.5 | 560.3 | 595.2 | 638.6 | 683.5 | 730.5 | 770.3 |
| 57.5° | 426.4 | 433.5 | 441.7 | 454.2 | 472.3 | 502.7 | 534.1 | 569.3 | 607.6 | 646.6 | 680.0 |
| 60° | 392.3 | 398.7 | 405.8 | 420.1 | 436.4 | 460.7 | 494.8 | 525.4 | 554.6 | 590.2 | 623.7 |
| 62.5° | 358.6 | 365.1 | 373.4 | 384.8 | 400.6 | 423.7 | 452.1 | 478.8 | 509.1 | 540.1 | 565.0 |
| 65° | 309.0 | 314.0 | 320.4 | 331.1 | 346.0 | 366.7 | 390.1 | 410.8 | 437.8 | 460.7 | 483.4 |
| 67.5° | 254.5 | 264.0 | 272.4 | 281.1 | 293.7 | 313.0 | 329.9 | 349.7 | 368.1 | 385.0 | 405.8 |
| 70° | 218.6 | 229.3 | 237.1 | 246.3 | 258.4 | 274.8 | 291.1 | 304.7 | 319.7 | 336.0 | 354.5 |
| 72.5° | 188.4 | 196.8 | 202.9 | 212.8 | 223.7 | 238.9 | 254.1 | 265.4 | 277.5 | 288.7 | 306.7 |
| 75° | 148.8 | 152.4 | 156.7 | 164.4 | 174.4 | 185.8 | 198.0 | 207.9 | 215.0 | 225.0 | 237.8 |
| 77.5° | 106.9 | 113.8 | 116.6 | 122.2 | 129.3 | 136.4 | 144.4 | 152.8 | 159.6 | 163.2 | 173.0 |
| 80° | 81.9 | 84.7 | 87.6 | 95.4 | 99.7 | 106.8 | 112.4 | 120.3 | 123.1 | 126.7 | 136.0 |
| 82.5° | 63.7 | 65.4 | 67.1 | 69.2 | 71.8 | 78.9 | 84.6 | 89.5 | 92.4 | 93.7 | 100.7 |
| 85° | 37.0 | 37.7 | 38.4 | 39.1 | 39.9 | 39.9 | 42.7 | 46.3 | 51.3 | 51.3 | 53.4 |
| 87.5° | 16.7 | 17.0 | 16.7 | 15.8 | 16.7 | 16.3 | 16.5 | 16.1 | 17.4 | 18.6 | 19.9 |
| 90° | 20.8 | 19.6 | 18.0 | 16.4 | 14.8 | 13.3 | 11.4 | 9.2 | 7.0 | 4.8 | 2.7 |
| 92.5° | 20.1 | 18.9 | 17.3 | 15.7 | 14.1 | 12.6 | 11.7 | 11.6 | 11.4 | 11.3 | 11.2 |
| 95° | 20.8 | 19.6 | 19.4 | 19.2 | 19.0 | 18.8 | 22.0 | 28.8 | 35.5 | 42.3 | 49.0 |
| 97.5° | 23.6 | 23.5 | 45.6 | 67.7 | 89.7 | 111.8 | 120.7 | 116.5 | 112.4 | 108.2 | 104.0 |
| 100° | 35.8 | 39.1 | 66.4 | 93.8 | 121.1 | 148.4 | 160.2 | 156.7 | 153.1 | 149.5 | 146.0 |
| 102.5° | 152.4 | 188.7 | 192.3 | 195.8 | 199.4 | 203.0 | 203.4 | 200.8 | 198.2 | 195.6 | 193.0 |
| 105° | 279.6 | 277.8 | 276.8 | 275.7 | 274.7 | 273.8 | 272.7 | 271.5 | 270.3 | 269.1 | 268.0 |
| 107.5° | 347.1 | 346.3 | 344.9 | 343.6 | 342.2 | 340.9 | 339.9 | 339.3 | 338.8 | 338.1 | 337.5 |
| 110° | 393.0 | 392.5 | 391.4 | 390.2 | 389.0 | 387.8 | 386.9 | 386.3 | 385.8 | 385.1 | 384.6 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 437.4 | 437.4 | 436.8 | 436.3 | 435.8 | 435.2 | 434.4 | 433.4 | 432.3 | 431.2 | 430.2 |
| 115° | 502.5 | 502.0 | 502.2 | 502.5 | 502.7 | 502.8 | 502.7 | 502.0 | 501.5 | 500.9 | 500.2 |
| 117.5° | 568.9 | 569.0 | 568.6 | 568.1 | 567.7 | 567.2 | 566.7 | 565.9 | 565.1 | 564.3 | 563.5 |
| 120° | 609.3 | 608.9 | 609.0 | 609.3 | 609.5 | 609.7 | 609.4 | 608.6 | 607.8 | 607.0 | 606.2 |
| 122.5° | 649.7 | 649.4 | 649.2 | 648.9 | 648.6 | 648.4 | 648.0 | 647.5 | 647.0 | 646.6 | 646.0 |
| 125° | 705.6 | 705.0 | 705.4 | 705.8 | 706.2 | 706.6 | 706.4 | 705.6 | 704.8 | 704.0 | 703.2 |
| 127.5° | 762.2 | 762.3 | 761.4 | 760.5 | 759.6 | 758.7 | 758.1 | 758.0 | 757.8 | 757.5 | 757.3 |
| 130° | 796.0 | 795.9 | 795.2 | 794.6 | 794.1 | 793.4 | 793.0 | 792.8 | 792.6 | 792.5 | 792.3 |
| 132.5° | 829.5 | 829.3 | 828.5 | 827.8 | 827.1 | 826.3 | 825.7 | 825.4 | 825.0 | 824.7 | 824.3 |
| 135° | 875.4 | 875.0 | 874.2 | 873.4 | 872.6 | 871.8 | 871.6 | 871.7 | 872.0 | 872.2 | 872.4 |
| 137.5° | 919.6 | 919.2 | 918.3 | 917.5 | 916.6 | 915.7 | 915.3 | 915.2 | 915.1 | 915.0 | 914.9 |
| 140° | 946.8 | 946.3 | 945.8 | 945.5 | 945.0 | 944.7 | 944.2 | 943.9 | 943.5 | 943.1 | 942.7 |
| 142.5° | 972.3 | 971.9 | 971.6 | 971.4 | 971.2 | 970.9 | 970.4 | 969.7 | 969.0 | 968.3 | 967.6 |
| 145° | 1008.8 | 1008.5 | 1008.5 | 1008.5 | 1008.5 | 1008.5 | 1008.3 | 1007.6 | 1007.1 | 1006.5 | 1005.8 |
| 147.5° | 1040.6 | 1040.4 | 1040.6 | 1040.8 | 1041.0 | 1041.3 | 1040.8 | 1039.6 | 1038.6 | 1037.4 | 1036.3 |
| 150° | 1061.0 | 1061.0 | 1061.3 | 1061.5 | 1061.7 | 1061.8 | 1061.6 | 1060.8 | 1060.0 | 1059.2 | 1058.4 |
| 152.5° | 1078.5 | 1078.2 | 1078.5 | 1078.9 | 1079.2 | 1079.6 | 1079.4 | 1078.8 | 1078.2 | 1077.5 | 1076.9 |
| 155° | 1101.9 | 1101.2 | 1101.7 | 1102.3 | 1103.0 | 1103.5 | 1103.7 | 1103.5 | 1103.3 | 1103.1 | 1103.0 |
| 157.5° | 1122.3 | 1121.2 | 1122.0 | 1122.6 | 1123.3 | 1123.9 | 1124.4 | 1124.4 | 1124.5 | 1124.7 | 1124.8 |
| 160° | 1135.2 | 1134.1 | 1134.3 | 1134.4 | 1134.7 | 1134.9 | 1135.2 | 1135.9 | 1136.5 | 1137.0 | 1137.6 |
| 162.5° | 1145.9 | 1144.8 | 1145.0 | 1145.1 | 1145.3 | 1145.6 | 1146.0 | 1146.7 | 1147.5 | 1148.3 | 1149.1 |
| 165° | 1160.6 | 1159.0 | 1159.0 | 1159.0 | 1159.0 | 1159.0 | 1159.5 | 1160.5 | 1161.5 | 1162.4 | 1163.4 |
| 167.5° | 1171.4 | 1169.7 | 1169.8 | 1169.9 | 1170.0 | 1170.2 | 1170.7 | 1171.8 | 1172.8 | 1173.8 | 1174.8 |
| 170° | 1178.4 | 1176.8 | 1176.6 | 1176.4 | 1176.2 | 1176.0 | 1176.5 | 1177.7 | 1178.8 | 1180.1 | 1181.2 |
| 172.5° | 1182.7 | 1181.1 | 1180.9 | 1180.7 | 1180.4 | 1180.3 | 1180.8 | 1182.0 | 1183.1 | 1184.4 | 1185.5 |
| 175° | 1187.5 | 1185.7 | 1185.5 | 1185.4 | 1185.1 | 1184.9 | 1185.4 | 1186.6 | 1187.8 | 1189.0 | 1190.2 |
| 177.5° | 1190.0 | 1188.7 | 1188.4 | 1188.1 | 1187.8 | 1187.5 | 1187.8 | 1189.0 | 1190.1 | 1191.1 | 1192.3 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 |
| 2.5° | 1777.9 | 1783.0 | 1788.7 | 1799.6 | 1808.7 | 1812.7 | 1820.6 | 1826.3 | 1824.6 | 1832.6 | 1846.2 |
| 5° | 1784.8 | 1804.1 | 1826.1 | 1849.0 | 1874.6 | 1896.0 | 1913.0 | 1930.1 | 1943.7 | 1960.0 | 1984.2 |
| 7.5° | 1783.7 | 1817.9 | 1855.0 | 1896.0 | 1938.0 | 1974.2 | 2007.9 | 2042.0 | 2072.3 | 2105.5 | 2148.9 |
| 10° | 1779.1 | 1824.7 | 1871.0 | 1924.4 | 1977.8 | 2028.4 | 2073.9 | 2116.7 | 2157.2 | 2200.7 | 2255.5 |
| 12.5° | 1774.1 | 1826.4 | 1882.4 | 1946.6 | 2013.1 | 2073.9 | 2127.4 | 2189.0 | 2239.8 | 2295.8 | 2359.1 |
| 15° | 1751.4 | 1821.9 | 1898.1 | 1981.4 | 2061.1 | 2143.0 | 2216.3 | 2291.8 | 2362.2 | 2429.2 | 2508.9 |
| 17.5° | 1725.5 | 1806.8 | 1896.7 | 1995.0 | 2090.9 | 2190.4 | 2277.4 | 2372.5 | 2444.5 | 2534.4 | 2608.4 |
| 20° | 1704.4 | 1792.0 | 1888.1 | 1998.4 | 2107.4 | 2217.7 | 2313.8 | 2410.7 | 2491.8 | 2582.2 | 2676.2 |
| 22.5° | 1678.7 | 1774.9 | 1879.0 | 1993.3 | 2107.4 | 2227.9 | 2334.3 | 2430.6 | 2531.1 | 2633.0 | 2729.8 |
| 25° | 1637.4 | 1737.1 | 1847.5 | 1972.8 | 2103.8 | 2227.0 | 2340.9 | 2460.5 | 2568.8 | 2679.1 | 2765.9 |
| 27.5° | 1586.8 | 1691.5 | 1807.8 | 1937.1 | 2071.5 | 2197.6 | 2331.8 | 2459.2 | 2568.1 | 2674.3 | 2750.1 |
| 30° | 1546.3 | 1656.7 | 1768.4 | 1899.5 | 2039.0 | 2174.3 | 2318.1 | 2445.5 | 2560.2 | 2655.6 | 2698.3 |
| 32.5° | 1504.8 | 1609.4 | 1724.7 | 1857.3 | 2000.3 | 2145.8 | 2288.5 | 2418.8 | 2524.9 | 2582.1 | 2583.2 |
| 35° | 1432.4 | 1530.7 | 1650.3 | 1780.6 | 1927.3 | 2085.3 | 2229.8 | 2358.0 | 2422.8 | 2427.8 | 2358.0 |
| 37.5° | 1353.5 | 1443.7 | 1556.6 | 1687.0 | 1847.6 | 2004.8 | 2152.5 | 2237.9 | 2259.6 | 2187.1 | 2058.1 |
| 40° | 1297.2 | 1380.5 | 1489.4 | 1623.3 | 1782.7 | 1945.1 | 2079.6 | 2142.2 | 2119.5 | 2002.0 | 1858.1 |
| 42.5° | 1238.0 | 1315.5 | 1420.5 | 1552.6 | 1712.7 | 1876.7 | 1991.4 | 2024.9 | 1964.5 | 1828.9 | 1660.5 |
| 45° | 1141.3 | 1212.5 | 1316.4 | 1449.6 | 1603.3 | 1757.1 | 1844.0 | 1826.8 | 1726.4 | 1565.6 | 1376.9 |
| 47.5° | 1040.6 | 1109.4 | 1202.9 | 1326.1 | 1483.5 | 1616.2 | 1675.1 | 1623.5 | 1480.7 | 1303.7 | 1150.2 |
| 50° | 973.9 | 1044.5 | 1130.6 | 1248.0 | 1391.9 | 1520.0 | 1557.7 | 1479.4 | 1320.6 | 1150.5 | 1009.5 |
| 52.5° | 908.5 | 968.7 | 1053.1 | 1166.6 | 1304.1 | 1412.4 | 1432.4 | 1342.2 | 1178.3 | 1025.7 | 900.7 |
| 55° | 808.8 | 863.6 | 934.8 | 1041.6 | 1160.5 | 1252.3 | 1241.6 | 1125.6 | 976.8 | 846.5 | 748.2 |
| 57.5° | 712.4 | 753.7 | 819.5 | 919.5 | 1024.0 | 1085.6 | 1046.6 | 947.6 | 809.0 | 702.3 | 619.4 |
| 60° | 648.6 | 687.1 | 748.2 | 835.8 | 927.6 | 962.5 | 929.8 | 822.3 | 712.7 | 615.1 | 545.4 |
| 62.5° | 588.2 | 622.1 | 674.8 | 756.1 | 830.3 | 851.0 | 815.9 | 722.0 | 623.2 | 539.9 | 482.1 |
| 65° | 500.5 | 531.8 | 576.7 | 634.4 | 685.6 | 695.5 | 672.8 | 576.7 | 501.9 | 432.1 | 392.3 |
| 67.5° | 420.9 | 441.4 | 476.4 | 526.3 | 553.5 | 559.3 | 515.3 | 455.0 | 389.1 | 346.2 | 316.1 |
| 70° | 367.4 | 381.6 | 414.4 | 441.4 | 463.5 | 464.2 | 423.7 | 375.2 | 324.7 | 289.8 | 267.7 |
| 72.5° | 315.6 | 329.2 | 354.0 | 372.5 | 389.4 | 383.9 | 346.7 | 308.5 | 267.7 | 241.4 | 225.0 |
| 75° | 243.5 | 255.6 | 268.4 | 277.0 | 277.0 | 269.8 | 242.8 | 214.3 | 190.8 | 175.1 | 170.1 |
| 77.5° | 177.0 | 187.0 | 191.3 | 189.9 | 187.3 | 176.3 | 159.2 | 140.5 | 132.2 | 124.8 | 121.0 |
| 80° | 138.8 | 143.1 | 144.5 | 141.0 | 136.7 | 123.9 | 112.4 | 104.7 | 96.8 | 94.0 | 92.6 |
| 82.5° | 102.9 | 106.6 | 102.9 | 104.0 | 94.5 | 84.0 | 77.8 | 75.1 | 71.8 | 70.6 | 69.2 |
| 85° | 54.8 | 54.1 | 52.7 | 49.1 | 42.7 | 41.3 | 40.6 | 39.9 | 38.4 | 39.1 | 37.7 |
| 87.5° | 19.8 | 18.5 | 16.7 | 16.5 | 16.9 | 16.1 | 16.9 | 17.3 | 17.6 | 17.2 | 18.6 |
| 90° | 4.8 | 7.0 | 9.2 | 11.4 | 13.3 | 14.8 | 16.4 | 18.0 | 19.6 | 20.8 | 21.9 |
| 92.5° | 11.3 | 11.4 | 11.6 | 11.7 | 12.6 | 14.1 | 15.7 | 17.3 | 18.9 | 20.1 | 21.2 |
| 95° | 42.3 | 35.5 | 28.8 | 22.0 | 18.8 | 19.0 | 19.2 | 19.4 | 19.6 | 20.8 | 21.9 |
| 97.5° | 108.2 | 112.4 | 116.5 | 120.7 | 111.8 | 89.7 | 67.7 | 45.6 | 23.5 | 23.6 | 23.7 |
| 100° | 149.5 | 153.1 | 156.7 | 160.2 | 148.4 | 121.1 | 93.8 | 66.4 | 39.1 | 35.8 | 32.5 |
| 102.5° | 195.6 | 198.2 | 200.8 | 203.4 | 203.0 | 199.4 | 195.8 | 192.3 | 188.7 | 152.4 | 116.2 |
| 105° | 269.1 | 270.3 | 271.5 | 272.7 | 273.8 | 274.7 | 275.7 | 276.8 | 277.8 | 279.6 | 281.3 |
| 107.5° | 338.1 | 338.8 | 339.3 | 339.9 | 340.9 | 342.2 | 343.6 | 344.9 | 346.3 | 347.1 | 348.0 |
| 110° | 385.1 | 385.8 | 386.3 | 386.9 | 387.8 | 389.0 | 390.2 | 391.4 | 392.5 | 393.0 | 393.3 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 431.2 | 432.3 | 433.4 | 434.4 | 435.2 | 435.8 | 436.3 | 436.8 | 437.4 | 437.4 | 437.3 |
| 115° | 500.9 | 501.5 | 502.0 | 502.7 | 502.8 | 502.7 | 502.5 | 502.2 | 502.0 | 502.5 | 502.8 |
| 117.5° | 564.3 | 565.1 | 565.9 | 566.7 | 567.2 | 567.7 | 568.1 | 568.6 | 569.0 | 568.9 | 568.8 |
| 120° | 607.0 | 607.8 | 608.6 | 609.4 | 609.7 | 609.5 | 609.3 | 609.0 | 608.9 | 609.3 | 609.7 |
| 122.5° | 646.6 | 647.0 | 647.5 | 648.0 | 648.4 | 648.6 | 648.9 | 649.2 | 649.4 | 649.7 | 650.0 |
| 125° | 704.0 | 704.8 | 705.6 | 706.4 | 706.6 | 706.2 | 705.8 | 705.4 | 705.0 | 705.6 | 706.2 |
| 127.5° | 757.5 | 757.8 | 758.0 | 758.1 | 758.7 | 759.6 | 760.5 | 761.4 | 762.3 | 762.2 | 762.1 |
| 130° | 792.5 | 792.6 | 792.8 | 793.0 | 793.4 | 794.1 | 794.6 | 795.2 | 795.9 | 796.0 | 796.2 |
| 132.5° | 824.7 | 825.0 | 825.4 | 825.7 | 826.3 | 827.1 | 827.8 | 828.5 | 829.3 | 829.5 | 829.6 |
| 135° | 872.2 | 872.0 | 871.7 | 871.6 | 871.8 | 872.6 | 873.4 | 874.2 | 875.0 | 875.4 | 875.8 |
| 137.5° | 915.0 | 915.1 | 915.2 | 915.3 | 915.7 | 916.6 | 917.5 | 918.3 | 919.2 | 919.6 | 920.1 |
| 140° | 943.1 | 943.5 | 943.9 | 944.2 | 944.7 | 945.0 | 945.5 | 945.8 | 946.3 | 946.8 | 947.4 |
| 142.5° | 968.3 | 969.0 | 969.7 | 970.4 | 970.9 | 971.2 | 971.4 | 971.6 | 971.9 | 972.3 | 972.8 |
| 145° | 1006.5 | 1007.1 | 1007.6 | 1008.3 | 1008.5 | 1008.5 | 1008.5 | 1008.5 | 1008.5 | 1008.8 | 1009.0 |
| 147.5° | 1037.4 | 1038.6 | 1039.6 | 1040.8 | 1041.3 | 1041.0 | 1040.8 | 1040.6 | 1040.4 | 1040.6 | 1040.7 |
| 150° | 1059.2 | 1060.0 | 1060.8 | 1061.6 | 1061.8 | 1061.7 | 1061.5 | 1061.3 | 1061.0 | 1061.0 | 1061.0 |
| 152.5° | 1077.5 | 1078.2 | 1078.8 | 1079.4 | 1079.6 | 1079.2 | 1078.9 | 1078.5 | 1078.2 | 1078.5 | 1078.8 |
| 155° | 1103.1 | 1103.3 | 1103.5 | 1103.7 | 1103.5 | 1103.0 | 1102.3 | 1101.7 | 1101.2 | 1101.9 | 1102.7 |
| 157.5° | 1124.7 | 1124.5 | 1124.4 | 1124.4 | 1123.9 | 1123.3 | 1122.6 | 1122.0 | 1121.2 | 1122.3 | 1123.3 |
| 160° | 1137.0 | 1136.5 | 1135.9 | 1135.2 | 1134.9 | 1134.7 | 1134.4 | 1134.3 | 1134.1 | 1135.2 | 1136.5 |
| 162.5° | 1148.3 | 1147.5 | 1146.7 | 1146.0 | 1145.6 | 1145.3 | 1145.1 | 1145.0 | 1144.8 | 1145.9 | 1147.1 |
| 165° | 1162.4 | 1161.5 | 1160.5 | 1159.5 | 1159.0 | 1159.0 | 1159.0 | 1159.0 | 1159.0 | 1160.6 | 1162.2 |
| 167.5° | 1173.8 | 1172.8 | 1171.8 | 1170.7 | 1170.2 | 1170.0 | 1169.9 | 1169.8 | 1169.7 | 1171.4 | 1173.1 |
| 170° | 1180.1 | 1178.8 | 1177.7 | 1176.5 | 1176.0 | 1176.2 | 1176.4 | 1176.6 | 1176.8 | 1178.4 | 1180.0 |
| 172.5° | 1184.4 | 1183.1 | 1182.0 | 1180.8 | 1180.3 | 1180.4 | 1180.7 | 1180.9 | 1181.1 | 1182.7 | 1184.3 |
| 175° | 1189.0 | 1187.8 | 1186.6 | 1185.4 | 1184.9 | 1185.1 | 1185.4 | 1185.5 | 1185.7 | 1187.5 | 1189.3 |
| 177.5° | 1191.1 | 1190.1 | 1189.0 | 1187.8 | 1187.5 | 1187.8 | 1188.1 | 1188.4 | 1188.7 | 1190.0 | 1191.2 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 | 1767.1 |
| 2.5° | 1853.6 | 1855.9 | 1857.6 | 1863.3 | 1863.9 | 1869.0 | 1863.9 |
| 5° | 2007.0 | 2017.0 | 2032.7 | 2048.3 | 2049.7 | 2059.7 | 2041.8 |
| 7.5° | 2179.0 | 2202.1 | 2216.4 | 2241.8 | 2251.7 | 2258.0 | 2247.7 |
| 10° | 2297.5 | 2318.8 | 2356.5 | 2375.1 | 2393.6 | 2396.4 | 2387.9 |
| 12.5° | 2412.0 | 2445.9 | 2475.6 | 2510.6 | 2509.8 | 2534.9 | 2525.7 |
| 15° | 2564.5 | 2599.3 | 2640.6 | 2679.8 | 2694.0 | 2694.0 | 2705.5 |
| 17.5° | 2673.3 | 2737.2 | 2779.9 | 2810.7 | 2844.2 | 2850.1 | 2846.1 |
| 20° | 2746.7 | 2815.8 | 2861.3 | 2901.2 | 2924.0 | 2930.4 | 2930.4 |
| 22.5° | 2801.4 | 2860.2 | 2904.7 | 2940.5 | 2959.3 | 2966.8 | 2964.6 |
| 25° | 2839.3 | 2889.8 | 2916.9 | 2927.6 | 2932.5 | 2931.1 | 2917.6 |
| 27.5° | 2787.4 | 2785.2 | 2768.0 | 2735.3 | 2710.7 | 2695.7 | 2678.6 |
| 30° | 2688.3 | 2651.3 | 2608.6 | 2561.6 | 2501.1 | 2454.8 | 2440.5 |
| 32.5° | 2540.8 | 2457.6 | 2385.3 | 2307.0 | 2241.9 | 2195.7 | 2176.3 |
| 35° | 2255.5 | 2123.8 | 2016.2 | 1922.3 | 1854.0 | 1811.2 | 1797.0 |
| 37.5° | 1916.8 | 1789.4 | 1656.3 | 1565.1 | 1508.5 | 1465.3 | 1449.2 |
| 40° | 1701.6 | 1562.7 | 1446.7 | 1361.3 | 1302.9 | 1260.9 | 1260.2 |
| 42.5° | 1505.0 | 1372.5 | 1263.3 | 1201.8 | 1138.8 | 1111.1 | 1110.9 |
| 45° | 1232.3 | 1126.3 | 1033.8 | 985.3 | 947.6 | 924.8 | 918.4 |
| 47.5° | 1020.4 | 932.6 | 871.0 | 832.4 | 801.6 | 787.1 | 777.8 |
| 50° | 901.3 | 824.5 | 775.3 | 741.8 | 724.8 | 706.2 | 704.8 |
| 52.5° | 802.2 | 740.1 | 701.9 | 674.7 | 653.0 | 641.9 | 642.2 |
| 55° | 674.2 | 625.1 | 598.1 | 577.4 | 560.3 | 551.8 | 548.2 |
| 57.5° | 568.0 | 531.1 | 511.5 | 492.5 | 485.3 | 478.6 | 476.7 |
| 60° | 501.9 | 477.0 | 458.5 | 443.5 | 432.8 | 430.7 | 430.0 |
| 62.5° | 447.3 | 421.2 | 408.4 | 396.8 | 389.1 | 385.8 | 384.4 |
| 65° | 368.8 | 349.6 | 338.1 | 329.0 | 326.1 | 321.1 | 320.4 |
| 67.5° | 297.3 | 285.8 | 278.2 | 271.8 | 268.0 | 267.7 | 267.7 |
| 70° | 253.4 | 247.0 | 240.7 | 237.1 | 235.0 | 233.5 | 233.5 |
| 72.5° | 215.9 | 211.2 | 205.9 | 204.0 | 203.6 | 202.2 | 201.6 |
| 75° | 164.4 | 159.4 | 160.2 | 156.7 | 153.8 | 150.3 | 148.1 |
| 77.5° | 116.6 | 113.1 | 112.4 | 111.9 | 109.5 | 109.1 | 110.2 |
| 80° | 90.4 | 86.9 | 86.1 | 86.9 | 86.1 | 84.0 | 84.0 |
| 82.5° | 68.8 | 65.8 | 65.1 | 64.6 | 63.9 | 64.6 | 63.5 |
| 85° | 37.0 | 35.6 | 35.6 | 35.6 | 37.0 | 36.3 | 35.6 |
| 87.5° | 17.7 | 17.4 | 18.1 | 17.7 | 17.7 | 17.2 | 17.8 |
| 90° | 23.2 | 24.3 | 25.1 | 25.5 | 25.9 | 26.3 | 26.7 |
| 92.5° | 22.5 | 23.6 | 24.3 | 24.3 | 24.4 | 24.5 | 24.6 |
| 95° | 23.2 | 24.3 | 25.1 | 25.2 | 25.4 | 25.6 | 25.8 |
| 97.5° | 23.9 | 24.0 | 24.2 | 24.3 | 24.5 | 24.7 | 25.0 |
| 100° | 29.1 | 25.7 | 24.2 | 24.3 | 24.5 | 24.7 | 25.0 |
| 102.5° | 79.9 | 43.6 | 25.5 | 25.5 | 25.6 | 25.6 | 25.7 |
| 105° | 283.0 | 284.8 | 282.2 | 275.1 | 268.0 | 260.8 | 253.7 |
| 107.5° | 348.9 | 349.7 | 350.5 | 351.3 | 352.0 | 352.8 | 353.6 |
| 110° | 393.8 | 394.1 | 394.7 | 395.2 | 395.8 | 396.5 | 397.0 |



TEST NUMBER: P333003-940

CATALOG NUMBER: S124RDIP-S1195D1035U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 437.2 | 437.1 | 437.5 | 438.2 | 439.0 | 439.7 | 440.4 |
| 115° | 503.3 | 503.6 | 503.8 | 503.8 | 503.8 | 503.8 | 503.8 |
| 117.5° | 568.7 | 568.6 | 568.6 | 568.6 | 568.5 | 568.4 | 568.3 |
| 120° | 610.0 | 610.5 | 610.5 | 610.0 | 609.7 | 609.3 | 608.9 |
| 122.5° | 650.1 | 650.4 | 650.3 | 650.0 | 649.5 | 649.2 | 648.7 |
| 125° | 706.8 | 707.4 | 707.8 | 708.0 | 708.2 | 708.4 | 708.6 |
| 127.5° | 762.0 | 761.9 | 761.7 | 761.6 | 761.4 | 761.3 | 761.1 |
| 130° | 796.4 | 796.6 | 796.7 | 796.7 | 796.7 | 796.7 | 796.7 |
| 132.5° | 829.9 | 830.1 | 830.1 | 829.9 | 829.7 | 829.6 | 829.5 |
| 135° | 876.2 | 876.6 | 877.0 | 877.4 | 877.8 | 878.2 | 878.6 |
| 137.5° | 920.5 | 921.0 | 921.0 | 921.0 | 920.9 | 920.7 | 920.6 |
| 140° | 948.1 | 948.6 | 949.0 | 949.2 | 949.4 | 949.6 | 949.9 |
| 142.5° | 973.2 | 973.7 | 973.8 | 973.9 | 973.9 | 974.0 | 974.0 |
| 145° | 1009.1 | 1009.3 | 1009.7 | 1010.0 | 1010.4 | 1010.8 | 1011.2 |
| 147.5° | 1040.9 | 1041.1 | 1041.3 | 1041.4 | 1041.6 | 1041.9 | 1042.1 |
| 150° | 1061.0 | 1061.0 | 1061.1 | 1061.4 | 1061.6 | 1061.8 | 1061.9 |
| 152.5° | 1079.1 | 1079.4 | 1079.5 | 1079.4 | 1079.3 | 1079.1 | 1079.1 |
| 155° | 1103.5 | 1104.3 | 1104.4 | 1103.8 | 1103.2 | 1102.6 | 1102.1 |
| 157.5° | 1124.4 | 1125.3 | 1125.3 | 1124.4 | 1123.3 | 1122.3 | 1121.2 |
| 160° | 1137.6 | 1138.8 | 1138.8 | 1137.6 | 1136.5 | 1135.2 | 1134.1 |
| 162.5° | 1148.3 | 1149.5 | 1149.4 | 1148.1 | 1146.7 | 1145.4 | 1144.1 |
| 165° | 1163.8 | 1165.3 | 1165.2 | 1163.4 | 1161.6 | 1159.8 | 1158.1 |
| 167.5° | 1174.9 | 1176.6 | 1176.5 | 1174.6 | 1172.6 | 1170.5 | 1168.6 |
| 170° | 1181.5 | 1183.1 | 1182.9 | 1181.0 | 1179.0 | 1177.0 | 1175.0 |
| 172.5° | 1185.8 | 1187.4 | 1187.1 | 1185.0 | 1182.9 | 1180.7 | 1178.6 |
| 175° | 1191.1 | 1192.8 | 1192.5 | 1190.2 | 1187.8 | 1185.4 | 1183.0 |
| 177.5° | 1192.5 | 1193.8 | 1193.5 | 1191.6 | 1189.7 | 1187.8 | 1185.9 |
| 180° | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 | 1190.2 |

(END OF REPORT)