

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: P333099-830

Luminaire Tested: **S124RDIW-S1195D770U830-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333099-830
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: S124RDIW-S1195D770U830-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 770 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7617.6 lumens
Efficiency: N/A
Efficacy: 127.4 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: Semi-Direct

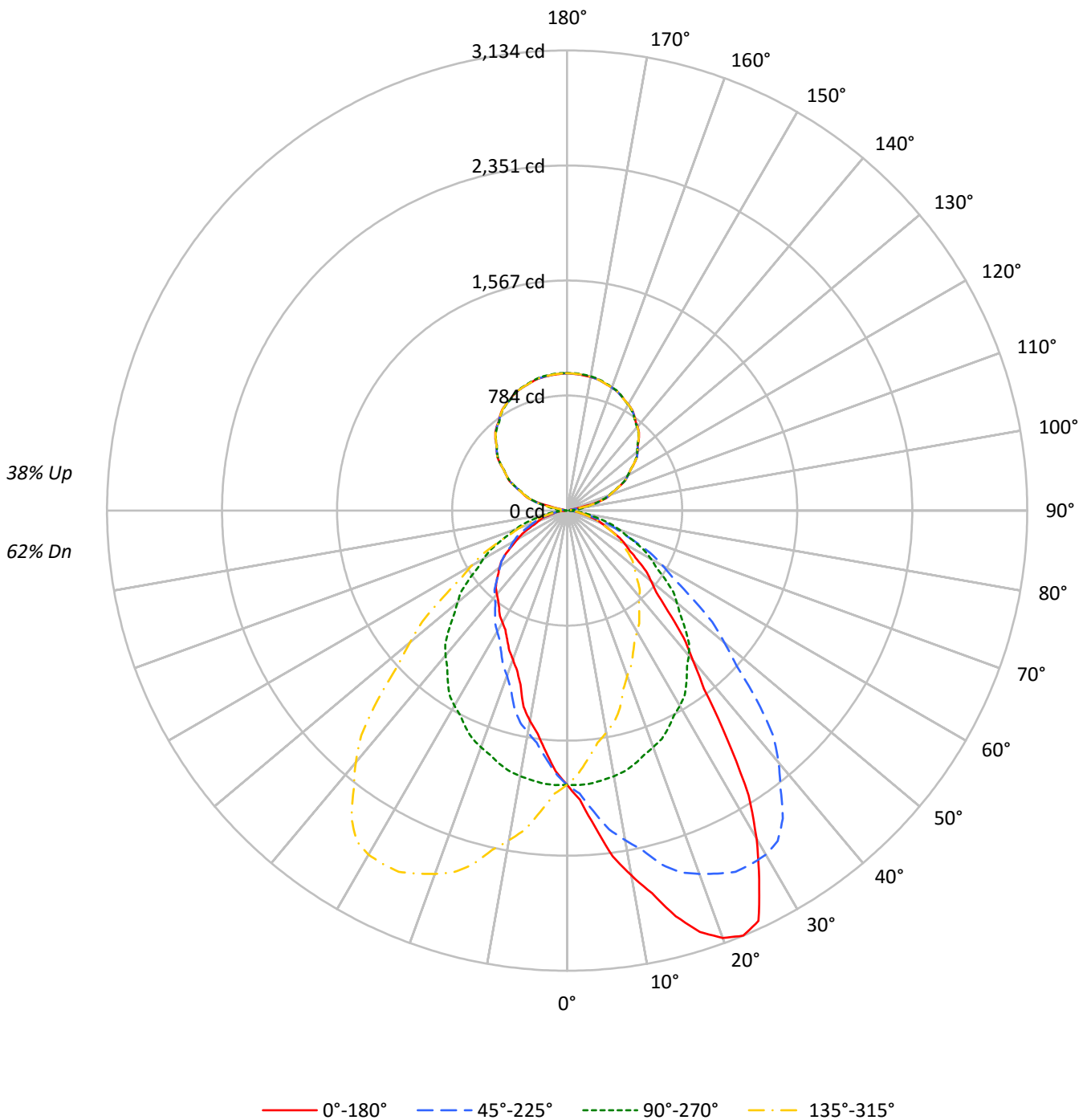
Input Watts (W): 59.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-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 | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 90 | 90 | 90 | 78 | 78 | 78 | 67 | 67 | 67 | 62 |
| 1 | 101 | 97 | 93 | 90 | 95 | 91 | 88 | 85 | 80 | 77 | 75 | 70 | 68 | 66 | 60 | 59 | 58 | 53 |
| 2 | 92 | 85 | 79 | 74 | 86 | 80 | 75 | 70 | 71 | 67 | 63 | 62 | 59 | 56 | 54 | 52 | 50 | 46 |
| 3 | 85 | 75 | 68 | 63 | 79 | 71 | 65 | 60 | 63 | 58 | 54 | 55 | 51 | 48 | 48 | 45 | 43 | 39 |
| 4 | 78 | 67 | 59 | 53 | 73 | 63 | 56 | 51 | 56 | 51 | 46 | 50 | 45 | 42 | 43 | 40 | 37 | 34 |
| 5 | 72 | 60 | 52 | 46 | 67 | 57 | 50 | 44 | 51 | 45 | 40 | 45 | 40 | 37 | 39 | 36 | 33 | 30 |
| 6 | 66 | 54 | 46 | 40 | 62 | 51 | 44 | 39 | 46 | 40 | 35 | 41 | 36 | 32 | 36 | 32 | 29 | 27 |
| 7 | 61 | 49 | 41 | 36 | 57 | 47 | 39 | 34 | 42 | 36 | 31 | 37 | 32 | 29 | 33 | 29 | 26 | 24 |
| 8 | 57 | 45 | 37 | 32 | 53 | 42 | 35 | 31 | 38 | 32 | 28 | 34 | 29 | 26 | 30 | 26 | 23 | 21 |
| 9 | 53 | 41 | 34 | 28 | 50 | 39 | 32 | 27 | 35 | 29 | 25 | 31 | 27 | 23 | 28 | 24 | 21 | 19 |
| 10 | 50 | 38 | 30 | 26 | 47 | 36 | 29 | 25 | 32 | 27 | 23 | 29 | 24 | 21 | 26 | 22 | 19 | 18 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 15079 | 15079 | 15079 | 15079 |
| 5° | 17490 | 15124 | 13367 | 15124 |
| 10° | 20690 | 15058 | 11931 | 15058 |
| 15° | 23901 | 14919 | 10252 | 14919 |
| 20° | 26611 | 14728 | 9271 | 14728 |
| 25° | 27470 | 14539 | 8607 | 14539 |
| 30° | 24047 | 14311 | 8207 | 14311 |
| 35° | 18719 | 13973 | 7965 | 13973 |
| 40° | 14037 | 13585 | 7835 | 13585 |
| 45° | 11082 | 12965 | 7767 | 12965 |
| 50° | 9357 | 12248 | 7542 | 12248 |
| 55° | 8156 | 11461 | 7139 | 11461 |
| 60° | 7338 | 10643 | 6318 | 10643 |
| 65° | 6470 | 9761 | 5435 | 9761 |
| 70° | 5828 | 8847 | 4902 | 8847 |
| 75° | 4885 | 7842 | 4177 | 7842 |
| 80° | 4128 | 6681 | 3919 | 6681 |
| 85° | 3483 | 5233 | 3483 | 5233 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 181.0 | 2.4 |
| 10°-20° | 545.9 | 7.2 |
| 20°-30° | 853.8 | 11.2 |
| 30°-40° | 949.2 | 12.5 |
| 40°-50° | 842.2 | 11.1 |
| 50°-60° | 656.2 | 8.6 |
| 60°-70° | 429.6 | 5.6 |
| 70°-80° | 211.3 | 2.8 |
| 80°-90° | 54.8 | 0.7 |
| 90°-100° | 32.0 | 0.4 |
| 100°-110° | 204.0 | 2.7 |
| 110°-120° | 390.2 | 5.1 |
| 120°-130° | 495.4 | 6.5 |
| 130°-140° | 530.0 | 7.0 |
| 140°-150° | 495.6 | 6.5 |
| 150°-160° | 399.7 | 5.2 |
| 160°-170° | 257.8 | 3.4 |
| 170°-180° | 88.8 | 1.2 |
| 0°-30° | 1580.7 | 20.8 |
| 0°-40° | 2529.9 | 33.2 |
| 0°-60° | 4028.3 | 52.9 |
| 0°-90° | 4724.0 | 62.0 |
| 90°-120° | 626.2 | 8.2 |
| 90°-150° | 2147.2 | 28.2 |
| 90°-180° | 2894.0 | 38.0 |
| 0°-180° | 7617.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1868 | 1868 | 1868 | 1868 | 1868 | |
| 5° | 2158 | 1866 | 1650 | 1866 | 2158 | 218 |
| 15° | 2860 | 1785 | 1227 | 1785 | 2860 | 813 |
| 25° | 3084 | 1632 | 966 | 1632 | 3084 | 1368 |
| 35° | 1899 | 1418 | 808 | 1418 | 1899 | 1191 |
| 45° | 971 | 1136 | 680 | 1136 | 971 | 769 |
| 55° | 580 | 814 | 507 | 814 | 580 | 527 |
| 65° | 339 | 511 | 284 | 511 | 339 | 341 |
| 75° | 157 | 251 | 134 | 251 | 157 | 172 |
| 85° | 38 | 56 | 38 | 56 | 38 | 43 |
| 90° | 21 | 2 | 21 | 2 | 21 | 11 |
| 95° | 20 | 38 | 20 | 38 | 20 | 16 |
| 105° | 199 | 211 | 199 | 211 | 199 | 174 |
| 115° | 396 | 393 | 396 | 393 | 396 | 392 |
| 125° | 557 | 553 | 557 | 553 | 557 | 496 |
| 135° | 690 | 686 | 690 | 686 | 690 | 532 |
| 145° | 795 | 791 | 795 | 791 | 795 | 497 |
| 155° | 866 | 867 | 866 | 867 | 866 | 399 |
| 165° | 910 | 914 | 910 | 914 | 910 | 257 |
| 175° | 930 | 935 | 930 | 935 | 930 | 89 |
| 180° | 935 | 935 | 935 | 935 | 935 | |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5° | 1970.1 | 1975.6 | 1970.1 | 1969.5 | 1963.5 | 1961.7 | 1959.3 | 1951.4 | 1937.0 | 1928.6 | 1930.4 |
| 5° | 2158.2 | 2177.1 | 2166.5 | 2165.0 | 2148.5 | 2131.9 | 2121.4 | 2097.3 | 2071.7 | 2054.5 | 2040.1 |
| 7.5° | 2375.9 | 2386.7 | 2380.1 | 2369.6 | 2342.8 | 2327.6 | 2303.2 | 2271.4 | 2225.5 | 2190.5 | 2158.4 |
| 10° | 2524.0 | 2533.0 | 2530.1 | 2510.5 | 2490.9 | 2451.0 | 2428.5 | 2384.1 | 2326.1 | 2280.2 | 2237.3 |
| 12.5° | 2669.7 | 2679.4 | 2652.9 | 2653.7 | 2616.7 | 2585.3 | 2549.5 | 2493.6 | 2426.7 | 2367.5 | 2313.8 |
| 15° | 2859.7 | 2847.6 | 2847.6 | 2832.5 | 2791.2 | 2747.5 | 2710.7 | 2651.9 | 2567.7 | 2496.9 | 2422.4 |
| 17.5° | 3008.3 | 3012.6 | 3006.3 | 2970.9 | 2938.4 | 2893.2 | 2825.6 | 2757.1 | 2678.9 | 2583.9 | 2507.7 |
| 20° | 3097.5 | 3097.5 | 3090.7 | 3066.6 | 3024.4 | 2976.3 | 2903.3 | 2828.8 | 2729.4 | 2633.8 | 2548.1 |
| 22.5° | 3133.6 | 3135.9 | 3128.0 | 3108.1 | 3070.2 | 3023.2 | 2961.1 | 2885.4 | 2783.0 | 2675.4 | 2569.2 |
| 25° | 3083.9 | 3098.2 | 3099.6 | 3094.5 | 3083.2 | 3054.5 | 3001.1 | 2923.6 | 2831.8 | 2715.2 | 2600.8 |
| 27.5° | 2831.3 | 2849.4 | 2865.2 | 2891.2 | 2925.8 | 2943.9 | 2946.3 | 2906.9 | 2826.8 | 2714.5 | 2599.4 |
| 30° | 2579.6 | 2594.7 | 2643.6 | 2707.6 | 2757.3 | 2802.5 | 2841.6 | 2852.1 | 2807.0 | 2706.1 | 2584.9 |
| 32.5° | 2300.4 | 2320.8 | 2369.7 | 2438.5 | 2521.3 | 2597.7 | 2685.7 | 2730.5 | 2729.3 | 2668.8 | 2556.6 |
| 35° | 1899.4 | 1914.5 | 1959.6 | 2031.8 | 2131.2 | 2244.9 | 2384.1 | 2492.4 | 2566.2 | 2560.9 | 2492.4 |
| 37.5° | 1531.8 | 1548.9 | 1594.5 | 1654.4 | 1750.7 | 1891.4 | 2026.1 | 2175.4 | 2311.8 | 2388.4 | 2365.5 |
| 40° | 1332.0 | 1332.8 | 1377.1 | 1438.9 | 1529.2 | 1651.8 | 1798.6 | 1964.1 | 2116.1 | 2240.3 | 2264.4 |
| 42.5° | 1174.2 | 1174.4 | 1203.7 | 1270.3 | 1335.3 | 1450.8 | 1590.8 | 1755.2 | 1933.2 | 2076.5 | 2140.3 |
| 45° | 970.7 | 977.5 | 1001.6 | 1041.5 | 1092.7 | 1190.5 | 1302.6 | 1455.4 | 1654.8 | 1824.9 | 1931.0 |
| 47.5° | 822.1 | 832.0 | 847.3 | 879.9 | 920.7 | 985.8 | 1078.6 | 1215.8 | 1378.0 | 1565.1 | 1716.1 |
| 50° | 745.0 | 746.5 | 766.1 | 784.1 | 819.5 | 871.5 | 952.7 | 1067.1 | 1216.1 | 1395.9 | 1563.8 |
| 52.5° | 678.8 | 678.4 | 690.2 | 713.1 | 741.9 | 782.3 | 847.9 | 952.1 | 1084.2 | 1245.5 | 1418.7 |
| 55° | 579.5 | 583.2 | 592.2 | 610.3 | 632.2 | 660.7 | 712.7 | 790.9 | 894.8 | 1032.5 | 1189.8 |
| 57.5° | 503.9 | 505.9 | 512.9 | 520.6 | 540.6 | 561.4 | 600.4 | 654.7 | 742.3 | 855.1 | 1001.6 |
| 60° | 454.5 | 455.2 | 457.5 | 468.8 | 484.7 | 504.2 | 530.6 | 576.5 | 650.2 | 753.3 | 869.2 |
| 62.5° | 406.3 | 407.7 | 411.2 | 419.4 | 431.7 | 445.2 | 472.8 | 509.6 | 570.7 | 658.7 | 763.2 |
| 65° | 338.7 | 339.4 | 344.7 | 347.7 | 357.4 | 369.5 | 389.8 | 414.6 | 456.8 | 530.6 | 609.5 |
| 67.5° | 283.0 | 283.0 | 283.2 | 287.3 | 294.1 | 302.1 | 314.2 | 334.1 | 365.9 | 411.2 | 480.9 |
| 70° | 246.9 | 246.9 | 248.4 | 250.6 | 254.4 | 261.1 | 267.9 | 283.0 | 306.3 | 343.2 | 396.6 |
| 72.5° | 213.1 | 213.7 | 215.2 | 215.7 | 217.6 | 223.2 | 228.2 | 237.8 | 255.1 | 283.0 | 326.1 |
| 75° | 156.6 | 158.8 | 162.6 | 165.6 | 169.3 | 168.5 | 173.8 | 179.8 | 185.1 | 201.7 | 226.5 |
| 77.5° | 116.5 | 115.3 | 115.7 | 118.3 | 118.8 | 119.5 | 123.3 | 127.9 | 131.9 | 139.7 | 148.5 |
| 80° | 88.8 | 88.8 | 91.0 | 91.8 | 91.0 | 91.8 | 95.6 | 97.8 | 99.3 | 102.4 | 110.7 |
| 82.5° | 67.1 | 68.3 | 67.6 | 68.3 | 68.8 | 69.6 | 72.7 | 73.1 | 74.6 | 75.9 | 79.4 |
| 85° | 37.6 | 38.4 | 39.1 | 37.6 | 37.6 | 37.6 | 39.1 | 39.9 | 41.4 | 40.6 | 42.1 |
| 87.5° | 17.4 | 16.8 | 17.3 | 17.2 | 17.8 | 17.1 | 17.5 | 18.5 | 17.2 | 17.5 | 17.2 |
| 90° | 21.0 | 20.6 | 20.4 | 20.1 | 19.7 | 19.1 | 18.2 | 17.2 | 16.3 | 15.4 | 14.1 |
| 92.5° | 19.3 | 19.2 | 19.2 | 19.1 | 19.0 | 18.6 | 17.6 | 16.7 | 15.7 | 14.8 | 13.6 |
| 95° | 20.3 | 20.2 | 20.0 | 19.8 | 19.7 | 19.1 | 18.2 | 17.2 | 16.3 | 15.4 | 15.3 |
| 97.5° | 19.6 | 19.4 | 19.3 | 19.1 | 18.9 | 18.9 | 18.8 | 18.7 | 18.6 | 18.5 | 35.8 |
| 100° | 19.6 | 19.4 | 19.3 | 19.1 | 18.9 | 20.2 | 22.8 | 25.5 | 28.2 | 30.8 | 52.2 |
| 102.5° | 20.2 | 20.1 | 20.1 | 20.1 | 20.0 | 34.3 | 62.8 | 91.3 | 119.8 | 148.4 | 151.1 |
| 105° | 199.4 | 205.0 | 210.6 | 216.2 | 221.8 | 223.9 | 222.4 | 221.1 | 219.7 | 218.3 | 217.5 |
| 107.5° | 277.9 | 277.3 | 276.7 | 276.2 | 275.5 | 274.9 | 274.2 | 273.5 | 272.9 | 272.1 | 271.1 |
| 110° | 312.1 | 311.6 | 311.1 | 310.7 | 310.2 | 309.8 | 309.4 | 309.2 | 308.9 | 308.5 | 307.6 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 346.2 | 345.6 | 345.0 | 344.4 | 343.8 | 343.6 | 343.7 | 343.7 | 343.7 | 343.8 | 343.4 |
| 115° | 396.0 | 396.0 | 396.0 | 396.0 | 396.0 | 395.9 | 395.5 | 395.2 | 394.9 | 394.5 | 394.7 |
| 117.5° | 446.7 | 446.7 | 446.8 | 446.9 | 446.9 | 447.0 | 447.0 | 447.0 | 447.1 | 447.2 | 446.9 |
| 120° | 478.5 | 478.9 | 479.2 | 479.5 | 479.8 | 479.8 | 479.5 | 479.2 | 478.9 | 478.5 | 478.7 |
| 122.5° | 509.9 | 510.2 | 510.5 | 510.9 | 511.1 | 511.2 | 511.0 | 510.9 | 510.7 | 510.5 | 510.2 |
| 125° | 556.9 | 556.8 | 556.6 | 556.5 | 556.3 | 556.0 | 555.5 | 555.1 | 554.6 | 554.1 | 554.4 |
| 127.5° | 598.2 | 598.3 | 598.4 | 598.6 | 598.7 | 598.8 | 598.9 | 599.0 | 599.1 | 599.2 | 598.4 |
| 130° | 626.1 | 626.1 | 626.1 | 626.1 | 626.1 | 626.1 | 625.9 | 625.8 | 625.7 | 625.5 | 625.0 |
| 132.5° | 652.0 | 652.1 | 652.1 | 652.3 | 652.4 | 652.4 | 652.2 | 652.1 | 652.0 | 651.8 | 651.2 |
| 135° | 690.5 | 690.2 | 689.9 | 689.6 | 689.3 | 689.0 | 688.7 | 688.3 | 688.1 | 687.8 | 687.1 |
| 137.5° | 723.6 | 723.7 | 723.8 | 723.9 | 724.0 | 723.8 | 723.5 | 723.1 | 722.7 | 722.5 | 721.8 |
| 140° | 746.5 | 746.4 | 746.2 | 746.0 | 745.9 | 745.6 | 745.1 | 744.6 | 744.1 | 743.8 | 743.4 |
| 142.5° | 765.5 | 765.5 | 765.4 | 765.4 | 765.4 | 765.3 | 764.9 | 764.6 | 764.2 | 763.8 | 763.6 |
| 145° | 794.8 | 794.5 | 794.2 | 793.8 | 793.5 | 793.3 | 793.1 | 793.0 | 792.9 | 792.7 | 792.7 |
| 147.5° | 819.0 | 818.9 | 818.7 | 818.5 | 818.4 | 818.2 | 818.1 | 817.9 | 817.8 | 817.7 | 817.8 |
| 150° | 834.6 | 834.5 | 834.3 | 834.2 | 834.1 | 834.0 | 834.0 | 834.0 | 834.0 | 834.0 | 834.2 |
| 152.5° | 848.1 | 848.2 | 848.3 | 848.4 | 848.5 | 848.4 | 848.1 | 847.9 | 847.6 | 847.4 | 847.7 |
| 155° | 866.2 | 866.6 | 867.0 | 867.5 | 868.0 | 867.9 | 867.3 | 866.7 | 866.1 | 865.4 | 865.9 |
| 157.5° | 881.3 | 882.0 | 882.9 | 883.7 | 884.5 | 884.5 | 883.7 | 882.9 | 882.0 | 881.3 | 881.7 |
| 160° | 891.4 | 892.3 | 893.2 | 894.1 | 895.0 | 895.0 | 894.1 | 893.2 | 892.3 | 891.4 | 891.5 |
| 162.5° | 899.2 | 900.2 | 901.3 | 902.4 | 903.4 | 903.4 | 902.5 | 901.6 | 900.7 | 899.8 | 899.8 |
| 165° | 910.2 | 911.6 | 913.0 | 914.5 | 915.9 | 915.9 | 914.6 | 913.4 | 912.2 | 911.0 | 911.0 |
| 167.5° | 918.5 | 920.0 | 921.6 | 923.1 | 924.7 | 924.8 | 923.4 | 922.1 | 920.7 | 919.4 | 919.5 |
| 170° | 923.5 | 925.1 | 926.6 | 928.2 | 929.7 | 929.9 | 928.7 | 927.4 | 926.1 | 924.9 | 924.7 |
| 172.5° | 926.3 | 928.0 | 929.7 | 931.3 | 933.0 | 933.2 | 932.0 | 930.8 | 929.5 | 928.3 | 928.1 |
| 175° | 929.8 | 931.7 | 933.6 | 935.4 | 937.3 | 937.5 | 936.1 | 934.7 | 933.3 | 931.9 | 931.8 |
| 177.5° | 932.1 | 933.6 | 935.0 | 936.5 | 938.0 | 938.3 | 937.3 | 936.3 | 935.3 | 934.2 | 934.1 |
| 180° | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5° | 1924.4 | 1916.0 | 1911.8 | 1902.1 | 1890.6 | 1884.6 | 1879.2 | 1871.4 | 1861.1 | 1850.3 | 1842.5 |
| 5° | 2022.0 | 2004.0 | 1981.4 | 1954.4 | 1930.2 | 1907.0 | 1886.6 | 1866.3 | 1843.0 | 1818.9 | 1794.8 |
| 7.5° | 2122.3 | 2086.8 | 2048.4 | 2004.0 | 1960.8 | 1921.6 | 1885.4 | 1850.8 | 1811.7 | 1776.6 | 1744.6 |
| 10° | 2192.2 | 2144.0 | 2090.6 | 2034.1 | 1977.6 | 1928.7 | 1880.6 | 1836.9 | 1788.8 | 1745.9 | 1709.8 |
| 12.5° | 2248.7 | 2192.2 | 2127.9 | 2057.6 | 1989.7 | 1930.5 | 1875.2 | 1818.3 | 1763.5 | 1717.0 | 1668.9 |
| 15° | 2342.6 | 2265.1 | 2178.6 | 2094.3 | 2006.3 | 1925.7 | 1851.2 | 1785.0 | 1722.6 | 1657.1 | 1611.2 |
| 17.5° | 2407.3 | 2315.3 | 2210.1 | 2108.8 | 2004.8 | 1909.8 | 1823.8 | 1745.0 | 1672.9 | 1606.1 | 1551.4 |
| 20° | 2445.7 | 2344.1 | 2227.5 | 2112.3 | 1995.7 | 1894.1 | 1801.6 | 1714.3 | 1639.7 | 1567.5 | 1511.1 |
| 22.5° | 2467.4 | 2354.9 | 2227.5 | 2107.0 | 1986.1 | 1876.0 | 1774.4 | 1683.6 | 1602.4 | 1530.2 | 1467.7 |
| 25° | 2474.4 | 2353.9 | 2223.7 | 2085.3 | 1952.9 | 1836.2 | 1730.8 | 1632.2 | 1541.9 | 1469.7 | 1403.4 |
| 27.5° | 2464.7 | 2322.9 | 2189.6 | 2047.5 | 1910.8 | 1787.9 | 1677.3 | 1573.7 | 1483.3 | 1405.7 | 1337.8 |
| 30° | 2450.2 | 2298.2 | 2155.2 | 2007.8 | 1869.3 | 1751.1 | 1634.5 | 1535.2 | 1441.1 | 1360.6 | 1292.1 |
| 32.5° | 2418.9 | 2268.1 | 2114.3 | 1963.2 | 1823.0 | 1701.2 | 1590.5 | 1490.6 | 1398.4 | 1316.1 | 1243.3 |
| 35° | 2356.9 | 2204.1 | 2037.1 | 1882.1 | 1744.4 | 1618.0 | 1514.1 | 1417.8 | 1329.7 | 1241.7 | 1164.9 |
| 37.5° | 2275.2 | 2119.1 | 1952.9 | 1783.2 | 1645.3 | 1526.0 | 1430.7 | 1340.3 | 1254.3 | 1173.9 | 1088.9 |
| 40° | 2198.2 | 2056.0 | 1884.3 | 1715.8 | 1574.3 | 1459.2 | 1371.1 | 1289.1 | 1202.6 | 1122.8 | 1037.7 |
| 42.5° | 2104.9 | 1983.7 | 1810.3 | 1641.2 | 1501.5 | 1390.5 | 1308.5 | 1228.3 | 1149.6 | 1072.2 | 983.5 |
| 45° | 1949.1 | 1857.3 | 1694.7 | 1532.2 | 1391.5 | 1281.6 | 1206.4 | 1135.6 | 1066.3 | 992.6 | 909.1 |
| 47.5° | 1770.6 | 1708.4 | 1568.1 | 1401.7 | 1271.5 | 1172.6 | 1099.9 | 1042.1 | 983.5 | 909.8 | 836.5 |
| 50° | 1646.5 | 1606.7 | 1471.2 | 1319.2 | 1195.0 | 1104.0 | 1029.4 | 975.2 | 926.3 | 855.6 | 790.1 |
| 52.5° | 1514.1 | 1492.9 | 1378.5 | 1233.1 | 1113.1 | 1023.9 | 960.3 | 911.4 | 862.0 | 803.2 | 742.0 |
| 55° | 1312.4 | 1323.7 | 1226.6 | 1101.0 | 988.1 | 912.9 | 854.9 | 814.3 | 772.1 | 722.5 | 675.0 |
| 57.5° | 1106.3 | 1147.5 | 1082.3 | 971.9 | 866.2 | 796.6 | 753.0 | 718.8 | 683.4 | 642.2 | 601.7 |
| 60° | 982.8 | 1017.4 | 980.5 | 883.4 | 790.9 | 726.2 | 685.6 | 659.2 | 623.9 | 586.3 | 555.3 |
| 62.5° | 862.4 | 899.5 | 877.6 | 799.2 | 713.2 | 657.6 | 621.7 | 597.2 | 570.9 | 538.1 | 506.1 |
| 65° | 711.1 | 735.2 | 724.7 | 670.5 | 609.5 | 562.1 | 529.0 | 511.0 | 486.9 | 462.8 | 434.2 |
| 67.5° | 544.7 | 591.2 | 585.0 | 556.3 | 503.6 | 466.6 | 444.9 | 429.0 | 407.0 | 389.1 | 369.7 |
| 70° | 447.8 | 490.7 | 489.9 | 466.6 | 438.0 | 403.3 | 388.3 | 374.8 | 355.2 | 337.9 | 322.1 |
| 72.5° | 366.5 | 405.8 | 411.6 | 393.7 | 374.2 | 348.0 | 333.6 | 324.2 | 305.2 | 293.3 | 280.5 |
| 75° | 256.7 | 285.2 | 292.8 | 292.8 | 283.7 | 270.1 | 257.4 | 251.4 | 237.8 | 227.2 | 219.7 |
| 77.5° | 168.2 | 186.3 | 198.0 | 200.8 | 202.2 | 197.7 | 187.1 | 182.9 | 172.5 | 168.7 | 161.5 |
| 80° | 118.9 | 130.9 | 144.5 | 149.0 | 152.8 | 151.3 | 146.8 | 143.7 | 133.9 | 130.2 | 127.1 |
| 82.5° | 82.2 | 88.8 | 99.9 | 109.9 | 108.8 | 112.7 | 108.8 | 106.4 | 99.1 | 97.6 | 94.6 |
| 85° | 42.9 | 43.6 | 45.1 | 51.9 | 55.7 | 57.2 | 58.0 | 56.5 | 54.2 | 54.2 | 48.9 |
| 87.5° | 17.1 | 16.2 | 17.2 | 16.9 | 17.1 | 19.1 | 20.6 | 20.9 | 19.4 | 18.0 | 16.5 |
| 90° | 12.9 | 11.7 | 10.5 | 9.0 | 7.3 | 5.6 | 3.8 | 2.1 | 3.8 | 5.6 | 7.3 |
| 92.5° | 12.3 | 11.1 | 9.9 | 9.1 | 9.0 | 9.0 | 9.0 | 8.9 | 9.0 | 9.0 | 9.0 |
| 95° | 15.1 | 14.9 | 14.8 | 17.3 | 22.6 | 27.9 | 33.2 | 38.5 | 33.2 | 27.9 | 22.6 |
| 97.5° | 53.2 | 70.5 | 87.8 | 94.9 | 91.6 | 88.3 | 85.0 | 81.7 | 85.0 | 88.3 | 91.6 |
| 100° | 73.7 | 95.2 | 116.6 | 125.9 | 123.1 | 120.4 | 117.5 | 114.7 | 117.5 | 120.4 | 123.1 |
| 102.5° | 153.9 | 156.7 | 159.5 | 159.9 | 157.9 | 155.8 | 153.7 | 151.7 | 153.7 | 155.8 | 157.9 |
| 105° | 216.7 | 215.9 | 215.2 | 214.3 | 213.4 | 212.4 | 211.5 | 210.6 | 211.5 | 212.4 | 213.4 |
| 107.5° | 270.0 | 269.0 | 268.0 | 267.2 | 266.7 | 266.3 | 265.8 | 265.3 | 265.8 | 266.3 | 266.7 |
| 110° | 306.7 | 305.8 | 304.8 | 304.1 | 303.7 | 303.2 | 302.7 | 302.3 | 302.7 | 303.2 | 303.7 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 342.9 | 342.5 | 342.0 | 341.4 | 340.5 | 339.8 | 338.9 | 338.1 | 338.9 | 339.8 | 340.5 |
| 115° | 394.9 | 395.0 | 395.2 | 395.0 | 394.5 | 394.2 | 393.7 | 393.2 | 393.7 | 394.2 | 394.5 |
| 117.5° | 446.5 | 446.2 | 445.8 | 445.4 | 444.7 | 444.1 | 443.5 | 442.9 | 443.5 | 444.1 | 444.7 |
| 120° | 478.9 | 479.0 | 479.2 | 478.9 | 478.3 | 477.7 | 477.1 | 476.5 | 477.1 | 477.7 | 478.3 |
| 122.5° | 510.0 | 509.8 | 509.5 | 509.3 | 508.9 | 508.5 | 508.1 | 507.8 | 508.1 | 508.5 | 508.9 |
| 125° | 554.8 | 555.1 | 555.3 | 555.2 | 554.6 | 553.9 | 553.4 | 552.7 | 553.4 | 553.9 | 554.6 |
| 127.5° | 597.8 | 597.0 | 596.3 | 595.9 | 595.7 | 595.6 | 595.4 | 595.2 | 595.4 | 595.6 | 595.7 |
| 130° | 624.5 | 624.1 | 623.6 | 623.3 | 623.1 | 623.0 | 622.8 | 622.6 | 622.8 | 623.0 | 623.1 |
| 132.5° | 650.6 | 650.0 | 649.4 | 648.9 | 648.7 | 648.5 | 648.2 | 647.9 | 648.2 | 648.5 | 648.7 |
| 135° | 686.5 | 685.9 | 685.2 | 685.0 | 685.1 | 685.3 | 685.5 | 685.6 | 685.5 | 685.3 | 685.1 |
| 137.5° | 721.0 | 720.4 | 719.7 | 719.3 | 719.3 | 719.3 | 719.2 | 719.1 | 719.2 | 719.3 | 719.3 |
| 140° | 743.1 | 742.8 | 742.4 | 742.2 | 741.9 | 741.5 | 741.2 | 740.9 | 741.2 | 741.5 | 741.9 |
| 142.5° | 763.5 | 763.3 | 763.1 | 762.7 | 762.1 | 761.7 | 761.1 | 760.5 | 761.1 | 761.7 | 762.1 |
| 145° | 792.7 | 792.7 | 792.7 | 792.5 | 792.0 | 791.5 | 791.1 | 790.6 | 791.1 | 791.5 | 792.0 |
| 147.5° | 818.0 | 818.2 | 818.3 | 818.0 | 817.1 | 816.2 | 815.4 | 814.5 | 815.4 | 816.2 | 817.1 |
| 150° | 834.2 | 834.4 | 834.6 | 834.3 | 833.8 | 833.1 | 832.5 | 831.9 | 832.5 | 833.1 | 833.8 |
| 152.5° | 848.0 | 848.2 | 848.5 | 848.4 | 847.9 | 847.4 | 846.9 | 846.4 | 846.9 | 847.4 | 847.9 |
| 155° | 866.4 | 866.9 | 867.3 | 867.5 | 867.3 | 867.1 | 867.0 | 866.9 | 867.0 | 867.1 | 867.3 |
| 157.5° | 882.3 | 882.9 | 883.4 | 883.7 | 883.8 | 883.9 | 884.0 | 884.1 | 884.0 | 883.9 | 883.8 |
| 160° | 891.6 | 891.8 | 891.9 | 892.3 | 892.8 | 893.2 | 893.6 | 894.1 | 893.6 | 893.2 | 892.8 |
| 162.5° | 900.0 | 900.2 | 900.3 | 900.7 | 901.4 | 901.9 | 902.5 | 903.1 | 902.5 | 901.9 | 901.4 |
| 165° | 911.0 | 911.0 | 911.0 | 911.3 | 912.1 | 912.9 | 913.6 | 914.5 | 913.6 | 912.9 | 912.1 |
| 167.5° | 919.5 | 919.6 | 919.7 | 920.1 | 921.0 | 921.8 | 922.6 | 923.4 | 922.6 | 921.8 | 921.0 |
| 170° | 924.6 | 924.4 | 924.3 | 924.7 | 925.6 | 926.5 | 927.5 | 928.4 | 927.5 | 926.5 | 925.6 |
| 172.5° | 927.9 | 927.8 | 927.7 | 928.0 | 929.0 | 929.9 | 930.9 | 931.8 | 930.9 | 929.9 | 929.0 |
| 175° | 931.6 | 931.4 | 931.3 | 931.7 | 932.6 | 933.6 | 934.4 | 935.4 | 934.4 | 933.6 | 932.6 |
| 177.5° | 933.8 | 933.6 | 933.3 | 933.6 | 934.4 | 935.4 | 936.2 | 937.1 | 936.2 | 935.4 | 934.4 |
| 180° | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5° | 1834.1 | 1828.1 | 1820.2 | 1811.2 | 1800.4 | 1790.7 | 1786.5 | 1790.2 | 1792.0 | 1787.2 | 1786.5 |
| 5° | 1778.2 | 1759.4 | 1744.4 | 1721.8 | 1703.7 | 1688.7 | 1678.2 | 1673.7 | 1675.2 | 1663.1 | 1660.1 |
| 7.5° | 1715.5 | 1693.2 | 1668.5 | 1641.7 | 1616.7 | 1594.6 | 1583.0 | 1576.7 | 1564.0 | 1558.5 | 1549.4 |
| 10° | 1675.2 | 1645.0 | 1621.0 | 1589.3 | 1560.8 | 1534.5 | 1521.6 | 1511.1 | 1498.3 | 1492.2 | 1479.5 |
| 12.5° | 1633.6 | 1598.6 | 1572.2 | 1539.4 | 1510.1 | 1478.5 | 1466.2 | 1446.7 | 1426.6 | 1414.0 | 1397.6 |
| 15° | 1575.1 | 1533.0 | 1500.5 | 1461.4 | 1426.8 | 1390.7 | 1358.3 | 1322.2 | 1308.6 | 1280.1 | 1263.5 |
| 17.5° | 1506.6 | 1463.9 | 1423.8 | 1371.3 | 1317.9 | 1273.0 | 1238.5 | 1203.9 | 1183.2 | 1164.9 | 1156.5 |
| 20° | 1461.4 | 1422.3 | 1366.6 | 1305.6 | 1246.2 | 1196.6 | 1168.7 | 1146.1 | 1123.5 | 1110.8 | 1101.7 |
| 22.5° | 1418.7 | 1368.7 | 1304.0 | 1238.2 | 1178.7 | 1139.9 | 1116.3 | 1093.2 | 1074.8 | 1062.6 | 1050.6 |
| 25° | 1347.1 | 1281.6 | 1213.1 | 1137.8 | 1097.2 | 1063.4 | 1037.7 | 1018.9 | 1007.7 | 991.8 | 985.8 |
| 27.5° | 1273.5 | 1194.1 | 1118.6 | 1068.0 | 1025.7 | 994.7 | 972.4 | 958.3 | 944.0 | 933.9 | 926.0 |
| 30° | 1216.8 | 1136.3 | 1068.6 | 1020.4 | 977.5 | 952.0 | 933.9 | 917.4 | 906.1 | 897.8 | 891.7 |
| 32.5° | 1160.8 | 1080.3 | 1023.4 | 971.7 | 937.8 | 912.9 | 893.5 | 881.2 | 872.3 | 861.7 | 858.0 |
| 35° | 1079.9 | 1008.4 | 958.8 | 912.1 | 877.4 | 854.9 | 839.8 | 827.1 | 819.5 | 816.5 | 814.3 |
| 37.5° | 1002.1 | 943.5 | 890.1 | 851.9 | 821.0 | 803.2 | 785.5 | 779.2 | 774.0 | 768.6 | 771.1 |
| 40° | 952.7 | 897.8 | 850.4 | 809.7 | 784.9 | 765.3 | 754.8 | 747.2 | 742.7 | 742.7 | 742.7 |
| 42.5° | 909.9 | 856.2 | 810.0 | 773.6 | 748.8 | 732.3 | 720.5 | 714.2 | 712.7 | 712.1 | 715.7 |
| 45° | 843.6 | 793.9 | 747.2 | 717.2 | 696.1 | 679.6 | 672.8 | 667.5 | 667.5 | 670.5 | 671.3 |
| 47.5° | 777.8 | 731.3 | 693.8 | 660.2 | 640.8 | 630.5 | 624.6 | 621.9 | 622.2 | 625.2 | 628.7 |
| 50° | 737.4 | 691.5 | 654.7 | 624.6 | 606.5 | 596.7 | 591.4 | 590.0 | 591.4 | 591.4 | 596.7 |
| 52.5° | 693.5 | 652.4 | 616.1 | 590.9 | 570.4 | 561.3 | 558.4 | 556.3 | 557.1 | 559.6 | 561.8 |
| 55° | 629.1 | 592.2 | 557.6 | 533.6 | 518.5 | 512.5 | 505.7 | 506.4 | 504.9 | 506.4 | 506.4 |
| 57.5° | 564.6 | 531.4 | 499.3 | 480.1 | 466.8 | 458.2 | 450.7 | 452.9 | 450.6 | 450.3 | 449.1 |
| 60° | 523.0 | 486.9 | 461.3 | 444.0 | 429.0 | 421.4 | 414.6 | 416.1 | 413.9 | 412.4 | 409.3 |
| 62.5° | 477.9 | 447.8 | 423.4 | 406.7 | 394.6 | 385.9 | 379.1 | 377.6 | 372.4 | 367.2 | 360.6 |
| 65° | 412.4 | 387.6 | 365.7 | 350.0 | 338.7 | 331.9 | 326.6 | 322.1 | 310.8 | 298.8 | 292.8 |
| 67.5° | 348.7 | 330.8 | 310.5 | 297.1 | 287.9 | 279.1 | 269.0 | 261.3 | 250.7 | 244.1 | 240.3 |
| 70° | 307.7 | 290.5 | 273.1 | 260.3 | 250.6 | 242.3 | 231.0 | 225.7 | 218.2 | 215.2 | 211.5 |
| 72.5° | 268.6 | 252.5 | 236.5 | 224.9 | 214.4 | 208.0 | 199.2 | 193.9 | 190.6 | 189.4 | 185.6 |
| 75° | 209.2 | 196.4 | 184.4 | 173.8 | 165.6 | 161.1 | 157.3 | 153.5 | 152.0 | 145.2 | 141.5 |
| 77.5° | 152.6 | 144.2 | 136.7 | 129.1 | 123.3 | 120.3 | 113.0 | 108.7 | 106.1 | 102.9 | 102.2 |
| 80° | 118.9 | 112.9 | 105.4 | 100.9 | 92.6 | 89.5 | 86.5 | 85.8 | 85.0 | 84.3 | 83.5 |
| 82.5° | 89.4 | 83.4 | 75.9 | 73.1 | 70.9 | 69.1 | 67.3 | 66.5 | 65.8 | 66.3 | 66.1 |
| 85° | 45.1 | 42.1 | 42.1 | 41.4 | 40.6 | 39.9 | 39.1 | 39.1 | 38.4 | 39.1 | 38.4 |
| 87.5° | 16.9 | 16.5 | 16.8 | 15.8 | 16.7 | 17.0 | 16.5 | 16.7 | 17.5 | 16.5 | 16.6 |
| 90° | 9.0 | 10.5 | 11.7 | 12.9 | 14.1 | 15.4 | 16.3 | 17.2 | 18.2 | 19.1 | 19.7 |
| 92.5° | 9.1 | 9.9 | 11.1 | 12.3 | 13.6 | 14.8 | 15.7 | 16.7 | 17.6 | 18.6 | 19.0 |
| 95° | 17.3 | 14.8 | 14.9 | 15.1 | 15.3 | 15.4 | 16.3 | 17.2 | 18.2 | 19.1 | 19.7 |
| 97.5° | 94.9 | 87.8 | 70.5 | 53.2 | 35.8 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 18.9 |
| 100° | 125.9 | 116.6 | 95.2 | 73.7 | 52.2 | 30.8 | 28.2 | 25.5 | 22.8 | 20.2 | 18.9 |
| 102.5° | 159.9 | 159.5 | 156.7 | 153.9 | 151.1 | 148.4 | 119.8 | 91.3 | 62.8 | 34.3 | 20.0 |
| 105° | 214.3 | 215.2 | 215.9 | 216.7 | 217.5 | 218.3 | 219.7 | 221.1 | 222.4 | 223.9 | 221.8 |
| 107.5° | 267.2 | 268.0 | 269.0 | 270.0 | 271.1 | 272.1 | 272.9 | 273.5 | 274.2 | 274.9 | 275.5 |
| 110° | 304.1 | 304.8 | 305.8 | 306.7 | 307.6 | 308.5 | 308.9 | 309.2 | 309.4 | 309.8 | 310.2 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 341.4 | 342.0 | 342.5 | 342.9 | 343.4 | 343.8 | 343.7 | 343.7 | 343.7 | 343.6 | 343.8 |
| 115° | 395.0 | 395.2 | 395.0 | 394.9 | 394.7 | 394.5 | 394.9 | 395.2 | 395.5 | 395.9 | 396.0 |
| 117.5° | 445.4 | 445.8 | 446.2 | 446.5 | 446.9 | 447.2 | 447.1 | 447.0 | 447.0 | 447.0 | 446.9 |
| 120° | 478.9 | 479.2 | 479.0 | 478.9 | 478.7 | 478.5 | 478.9 | 479.2 | 479.5 | 479.8 | 479.8 |
| 122.5° | 509.3 | 509.5 | 509.8 | 510.0 | 510.2 | 510.5 | 510.7 | 510.9 | 511.0 | 511.2 | 511.1 |
| 125° | 555.2 | 555.3 | 555.1 | 554.8 | 554.4 | 554.1 | 554.6 | 555.1 | 555.5 | 556.0 | 556.3 |
| 127.5° | 595.9 | 596.3 | 597.0 | 597.8 | 598.4 | 599.2 | 599.1 | 599.0 | 598.9 | 598.8 | 598.7 |
| 130° | 623.3 | 623.6 | 624.1 | 624.5 | 625.0 | 625.5 | 625.7 | 625.8 | 625.9 | 626.1 | 626.1 |
| 132.5° | 648.9 | 649.4 | 650.0 | 650.6 | 651.2 | 651.8 | 652.0 | 652.1 | 652.2 | 652.4 | 652.4 |
| 135° | 685.0 | 685.2 | 685.9 | 686.5 | 687.1 | 687.8 | 688.1 | 688.3 | 688.7 | 689.0 | 689.3 |
| 137.5° | 719.3 | 719.7 | 720.4 | 721.0 | 721.8 | 722.5 | 722.7 | 723.1 | 723.5 | 723.8 | 724.0 |
| 140° | 742.2 | 742.4 | 742.8 | 743.1 | 743.4 | 743.8 | 744.1 | 744.6 | 745.1 | 745.6 | 745.9 |
| 142.5° | 762.7 | 763.1 | 763.3 | 763.5 | 763.6 | 763.8 | 764.2 | 764.6 | 764.9 | 765.3 | 765.4 |
| 145° | 792.5 | 792.7 | 792.7 | 792.7 | 792.7 | 792.7 | 792.9 | 793.0 | 793.1 | 793.3 | 793.5 |
| 147.5° | 818.0 | 818.3 | 818.2 | 818.0 | 817.8 | 817.7 | 817.8 | 817.9 | 818.1 | 818.2 | 818.4 |
| 150° | 834.3 | 834.6 | 834.4 | 834.2 | 834.2 | 834.0 | 834.0 | 834.0 | 834.0 | 834.0 | 834.1 |
| 152.5° | 848.4 | 848.5 | 848.2 | 848.0 | 847.7 | 847.4 | 847.6 | 847.9 | 848.1 | 848.4 | 848.5 |
| 155° | 867.5 | 867.3 | 866.9 | 866.4 | 865.9 | 865.4 | 866.1 | 866.7 | 867.3 | 867.9 | 868.0 |
| 157.5° | 883.7 | 883.4 | 882.9 | 882.3 | 881.7 | 881.3 | 882.0 | 882.9 | 883.7 | 884.5 | 884.5 |
| 160° | 892.3 | 891.9 | 891.8 | 891.6 | 891.5 | 891.4 | 892.3 | 893.2 | 894.1 | 895.0 | 895.0 |
| 162.5° | 900.7 | 900.3 | 900.2 | 900.0 | 899.8 | 899.8 | 900.7 | 901.6 | 902.5 | 903.4 | 903.4 |
| 165° | 911.3 | 911.0 | 911.0 | 911.0 | 911.0 | 911.0 | 912.2 | 913.4 | 914.6 | 915.9 | 915.9 |
| 167.5° | 920.1 | 919.7 | 919.6 | 919.5 | 919.5 | 919.4 | 920.7 | 922.1 | 923.4 | 924.8 | 924.7 |
| 170° | 924.7 | 924.3 | 924.4 | 924.6 | 924.7 | 924.9 | 926.1 | 927.4 | 928.7 | 929.9 | 929.7 |
| 172.5° | 928.0 | 927.7 | 927.8 | 927.9 | 928.1 | 928.3 | 929.5 | 930.8 | 932.0 | 933.2 | 933.0 |
| 175° | 931.7 | 931.3 | 931.4 | 931.6 | 931.8 | 931.9 | 933.3 | 934.7 | 936.1 | 937.5 | 937.3 |
| 177.5° | 933.6 | 933.3 | 933.6 | 933.8 | 934.1 | 934.2 | 935.3 | 936.3 | 937.3 | 938.3 | 938.0 |
| 180° | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5° | 1782.9 | 1784.1 | 1779.9 | 1778.7 | 1779.9 | 1784.1 | 1782.9 | 1786.5 | 1787.2 | 1792.0 | 1790.2 |
| 5° | 1654.1 | 1652.6 | 1648.8 | 1649.5 | 1648.8 | 1652.6 | 1654.1 | 1660.1 | 1663.1 | 1675.2 | 1673.7 |
| 7.5° | 1543.9 | 1538.0 | 1539.6 | 1533.7 | 1539.6 | 1538.0 | 1543.9 | 1549.4 | 1558.5 | 1564.0 | 1576.7 |
| 10° | 1476.5 | 1468.2 | 1461.4 | 1455.4 | 1461.4 | 1468.2 | 1476.5 | 1479.5 | 1492.2 | 1498.3 | 1511.1 |
| 12.5° | 1384.4 | 1377.2 | 1368.1 | 1369.9 | 1368.1 | 1377.2 | 1384.4 | 1397.6 | 1414.0 | 1426.6 | 1446.7 |
| 15° | 1253.7 | 1242.5 | 1224.4 | 1226.6 | 1224.4 | 1242.5 | 1253.7 | 1263.5 | 1280.1 | 1308.6 | 1322.2 |
| 17.5° | 1143.1 | 1143.2 | 1135.0 | 1136.9 | 1135.0 | 1143.2 | 1143.1 | 1156.5 | 1164.9 | 1183.2 | 1203.9 |
| 20° | 1085.9 | 1080.6 | 1081.4 | 1079.1 | 1081.4 | 1080.6 | 1085.9 | 1101.7 | 1110.8 | 1123.5 | 1146.1 |
| 22.5° | 1046.1 | 1039.7 | 1034.4 | 1029.7 | 1034.4 | 1039.7 | 1046.1 | 1050.6 | 1062.6 | 1074.8 | 1093.2 |
| 25° | 979.0 | 974.5 | 967.8 | 966.3 | 967.8 | 974.5 | 979.0 | 985.8 | 991.8 | 1007.7 | 1018.9 |
| 27.5° | 920.0 | 919.2 | 916.4 | 912.9 | 916.4 | 919.2 | 920.0 | 926.0 | 933.9 | 944.0 | 958.3 |
| 30° | 885.7 | 884.2 | 882.7 | 880.4 | 882.7 | 884.2 | 885.7 | 891.7 | 897.8 | 906.1 | 917.4 |
| 32.5° | 855.1 | 854.1 | 852.6 | 852.8 | 852.6 | 854.1 | 855.1 | 858.0 | 861.7 | 872.3 | 881.2 |
| 35° | 811.2 | 810.5 | 809.0 | 808.2 | 809.0 | 810.5 | 811.2 | 814.3 | 816.5 | 819.5 | 827.1 |
| 37.5° | 770.3 | 772.2 | 771.4 | 771.2 | 771.4 | 772.2 | 770.3 | 771.1 | 768.6 | 774.0 | 779.2 |
| 40° | 742.0 | 742.7 | 744.2 | 743.5 | 744.2 | 742.7 | 742.0 | 742.7 | 742.7 | 742.7 | 747.2 |
| 42.5° | 718.5 | 718.7 | 720.8 | 718.2 | 720.8 | 718.7 | 718.5 | 715.7 | 712.1 | 712.7 | 714.2 |
| 45° | 676.6 | 681.1 | 680.3 | 680.3 | 680.3 | 681.1 | 676.6 | 671.3 | 670.5 | 667.5 | 667.5 |
| 47.5° | 630.7 | 634.5 | 635.6 | 635.5 | 635.6 | 634.5 | 630.7 | 628.7 | 625.2 | 622.2 | 621.9 |
| 50° | 600.5 | 599.0 | 601.2 | 600.5 | 601.2 | 599.0 | 600.5 | 596.7 | 591.4 | 591.4 | 590.0 |
| 52.5° | 563.8 | 564.1 | 563.9 | 563.2 | 563.9 | 564.1 | 563.8 | 561.8 | 559.6 | 557.1 | 556.3 |
| 55° | 507.2 | 507.9 | 506.4 | 507.2 | 506.4 | 507.9 | 507.2 | 506.4 | 506.4 | 504.9 | 506.4 |
| 57.5° | 445.8 | 442.1 | 443.7 | 441.9 | 443.7 | 442.1 | 445.8 | 449.1 | 450.3 | 450.6 | 452.9 |
| 60° | 401.9 | 395.9 | 394.4 | 391.3 | 394.4 | 395.9 | 401.9 | 409.3 | 412.4 | 413.9 | 416.1 |
| 62.5° | 352.5 | 348.3 | 343.2 | 345.5 | 343.2 | 348.3 | 352.5 | 360.6 | 367.2 | 372.4 | 377.6 |
| 65° | 286.7 | 283.7 | 281.4 | 284.5 | 281.4 | 283.7 | 286.7 | 292.8 | 298.8 | 310.8 | 322.1 |
| 67.5° | 237.3 | 235.7 | 235.7 | 234.2 | 235.7 | 235.7 | 237.3 | 240.3 | 244.1 | 250.7 | 261.3 |
| 70° | 211.5 | 209.2 | 209.2 | 207.7 | 209.2 | 209.2 | 211.5 | 211.5 | 215.2 | 218.2 | 225.7 |
| 72.5° | 184.9 | 182.8 | 183.3 | 182.4 | 183.3 | 182.8 | 184.9 | 185.6 | 189.4 | 190.6 | 193.9 |
| 75° | 137.0 | 133.2 | 133.2 | 133.9 | 133.2 | 133.2 | 137.0 | 141.5 | 145.2 | 152.0 | 153.5 |
| 77.5° | 102.2 | 101.4 | 102.5 | 101.1 | 102.5 | 101.4 | 102.2 | 102.2 | 102.9 | 106.1 | 108.7 |
| 80° | 83.5 | 82.8 | 82.0 | 84.3 | 82.0 | 82.8 | 83.5 | 83.5 | 84.3 | 85.0 | 85.8 |
| 82.5° | 64.8 | 64.8 | 64.6 | 67.4 | 64.6 | 64.8 | 64.8 | 66.1 | 66.3 | 65.8 | 66.5 |
| 85° | 39.1 | 37.6 | 39.1 | 37.6 | 39.1 | 37.6 | 39.1 | 38.4 | 39.1 | 38.4 | 39.1 |
| 87.5° | 17.8 | 17.3 | 16.8 | 17.4 | 16.8 | 17.3 | 17.8 | 16.6 | 16.5 | 17.5 | 16.7 |
| 90° | 20.1 | 20.4 | 20.6 | 21.0 | 20.6 | 20.4 | 20.1 | 19.7 | 19.1 | 18.2 | 17.2 |
| 92.5° | 19.1 | 19.2 | 19.2 | 19.3 | 19.2 | 19.2 | 19.1 | 19.0 | 18.6 | 17.6 | 16.7 |
| 95° | 19.8 | 20.0 | 20.2 | 20.3 | 20.2 | 20.0 | 19.8 | 19.7 | 19.1 | 18.2 | 17.2 |
| 97.5° | 19.1 | 19.3 | 19.4 | 19.6 | 19.4 | 19.3 | 19.1 | 18.9 | 18.9 | 18.8 | 18.7 |
| 100° | 19.1 | 19.3 | 19.4 | 19.6 | 19.4 | 19.3 | 19.1 | 18.9 | 20.2 | 22.8 | 25.5 |
| 102.5° | 20.1 | 20.1 | 20.1 | 20.2 | 20.1 | 20.1 | 20.1 | 20.0 | 34.3 | 62.8 | 91.3 |
| 105° | 216.2 | 210.6 | 205.0 | 199.4 | 205.0 | 210.6 | 216.2 | 221.8 | 223.9 | 222.4 | 221.1 |
| 107.5° | 276.2 | 276.7 | 277.3 | 277.9 | 277.3 | 276.7 | 276.2 | 275.5 | 274.9 | 274.2 | 273.5 |
| 110° | 310.7 | 311.1 | 311.6 | 312.1 | 311.6 | 311.1 | 310.7 | 310.2 | 309.8 | 309.4 | 309.2 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 344.4 | 345.0 | 345.6 | 346.2 | 345.6 | 345.0 | 344.4 | 343.8 | 343.6 | 343.7 | 343.7 |
| 115° | 396.0 | 396.0 | 396.0 | 396.0 | 396.0 | 396.0 | 396.0 | 396.0 | 395.9 | 395.5 | 395.2 |
| 117.5° | 446.9 | 446.8 | 446.7 | 446.7 | 446.7 | 446.8 | 446.9 | 446.9 | 447.0 | 447.0 | 447.0 |
| 120° | 479.5 | 479.2 | 478.9 | 478.5 | 478.9 | 479.2 | 479.5 | 479.8 | 479.8 | 479.5 | 479.2 |
| 122.5° | 510.9 | 510.5 | 510.2 | 509.9 | 510.2 | 510.5 | 510.9 | 511.1 | 511.2 | 511.0 | 510.9 |
| 125° | 556.5 | 556.6 | 556.8 | 556.9 | 556.8 | 556.6 | 556.5 | 556.3 | 556.0 | 555.5 | 555.1 |
| 127.5° | 598.6 | 598.4 | 598.3 | 598.2 | 598.3 | 598.4 | 598.6 | 598.7 | 598.8 | 598.9 | 599.0 |
| 130° | 626.1 | 626.1 | 626.1 | 626.1 | 626.1 | 626.1 | 626.1 | 626.1 | 626.1 | 625.9 | 625.8 |
| 132.5° | 652.3 | 652.1 | 652.1 | 652.0 | 652.1 | 652.1 | 652.3 | 652.4 | 652.4 | 652.2 | 652.1 |
| 135° | 689.6 | 689.9 | 690.2 | 690.5 | 690.2 | 689.9 | 689.6 | 689.3 | 689.0 | 688.7 | 688.3 |
| 137.5° | 723.9 | 723.8 | 723.7 | 723.6 | 723.7 | 723.8 | 723.9 | 724.0 | 723.8 | 723.5 | 723.1 |
| 140° | 746.0 | 746.2 | 746.4 | 746.5 | 746.4 | 746.2 | 746.0 | 745.9 | 745.6 | 745.1 | 744.6 |
| 142.5° | 765.4 | 765.4 | 765.5 | 765.5 | 765.5 | 765.4 | 765.4 | 765.4 | 765.3 | 764.9 | 764.6 |
| 145° | 793.8 | 794.2 | 794.5 | 794.8 | 794.5 | 794.2 | 793.8 | 793.5 | 793.3 | 793.1 | 793.0 |
| 147.5° | 818.5 | 818.7 | 818.9 | 819.0 | 818.9 | 818.7 | 818.5 | 818.4 | 818.2 | 818.1 | 817.9 |
| 150° | 834.2 | 834.3 | 834.5 | 834.6 | 834.5 | 834.3 | 834.2 | 834.1 | 834.0 | 834.0 | 834.0 |
| 152.5° | 848.4 | 848.3 | 848.2 | 848.1 | 848.2 | 848.3 | 848.4 | 848.5 | 848.4 | 848.1 | 847.9 |
| 155° | 867.5 | 867.0 | 866.6 | 866.2 | 866.6 | 867.0 | 867.5 | 868.0 | 867.9 | 867.3 | 866.7 |
| 157.5° | 883.7 | 882.9 | 882.0 | 881.3 | 882.0 | 882.9 | 883.7 | 884.5 | 884.5 | 883.7 | 882.9 |
| 160° | 894.1 | 893.2 | 892.3 | 891.4 | 892.3 | 893.2 | 894.1 | 895.0 | 895.0 | 894.1 | 893.2 |
| 162.5° | 902.4 | 901.3 | 900.2 | 899.2 | 900.2 | 901.3 | 902.4 | 903.4 | 903.4 | 902.5 | 901.6 |
| 165° | 914.5 | 913.0 | 911.6 | 910.2 | 911.6 | 913.0 | 914.5 | 915.9 | 915.9 | 914.6 | 913.4 |
| 167.5° | 923.1 | 921.6 | 920.0 | 918.5 | 920.0 | 921.6 | 923.1 | 924.7 | 924.8 | 923.4 | 922.1 |
| 170° | 928.2 | 926.6 | 925.1 | 923.5 | 925.1 | 926.6 | 928.2 | 929.7 | 929.9 | 928.7 | 927.4 |
| 172.5° | 931.3 | 929.7 | 928.0 | 926.3 | 928.0 | 929.7 | 931.3 | 933.0 | 933.2 | 932.0 | 930.8 |
| 175° | 935.4 | 933.6 | 931.7 | 929.8 | 931.7 | 933.6 | 935.4 | 937.3 | 937.5 | 936.1 | 934.7 |
| 177.5° | 936.5 | 935.0 | 933.6 | 932.1 | 933.6 | 935.0 | 936.5 | 938.0 | 938.3 | 937.3 | 936.3 |
| 180° | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5° | 1786.5 | 1790.7 | 1800.4 | 1811.2 | 1820.2 | 1828.1 | 1834.1 | 1842.5 | 1850.3 | 1861.1 | 1871.4 |
| 5° | 1678.2 | 1688.7 | 1703.7 | 1721.8 | 1744.4 | 1759.4 | 1778.2 | 1794.8 | 1818.9 | 1843.0 | 1866.3 |
| 7.5° | 1583.0 | 1594.6 | 1616.7 | 1641.7 | 1668.5 | 1693.2 | 1715.5 | 1744.6 | 1776.6 | 1811.7 | 1850.8 |
| 10° | 1521.6 | 1534.5 | 1560.8 | 1589.3 | 1621.0 | 1645.0 | 1675.2 | 1709.8 | 1745.9 | 1788.8 | 1836.9 |
| 12.5° | 1466.2 | 1478.5 | 1510.1 | 1539.4 | 1572.2 | 1598.6 | 1633.6 | 1668.9 | 1717.0 | 1763.5 | 1818.3 |
| 15° | 1358.3 | 1390.7 | 1426.8 | 1461.4 | 1500.5 | 1533.0 | 1575.1 | 1611.2 | 1657.1 | 1722.6 | 1785.0 |
| 17.5° | 1238.5 | 1273.0 | 1317.9 | 1371.3 | 1423.8 | 1463.9 | 1506.6 | 1551.4 | 1606.1 | 1672.9 | 1745.0 |
| 20° | 1168.7 | 1196.6 | 1246.2 | 1305.6 | 1366.6 | 1422.3 | 1461.4 | 1511.1 | 1567.5 | 1639.7 | 1714.3 |
| 22.5° | 1116.3 | 1139.9 | 1178.7 | 1238.2 | 1304.0 | 1368.7 | 1418.7 | 1467.7 | 1530.2 | 1602.4 | 1683.6 |
| 25° | 1037.7 | 1063.4 | 1097.2 | 1137.8 | 1213.1 | 1281.6 | 1347.1 | 1403.4 | 1469.7 | 1541.9 | 1632.2 |
| 27.5° | 972.4 | 994.7 | 1025.7 | 1068.0 | 1118.6 | 1194.1 | 1273.5 | 1337.8 | 1405.7 | 1483.3 | 1573.7 |
| 30° | 933.9 | 952.0 | 977.5 | 1020.4 | 1068.6 | 1136.3 | 1216.8 | 1292.1 | 1360.6 | 1441.1 | 1535.2 |
| 32.5° | 893.5 | 912.9 | 937.8 | 971.7 | 1023.4 | 1080.3 | 1160.8 | 1243.3 | 1316.1 | 1398.4 | 1490.6 |
| 35° | 839.8 | 854.9 | 877.4 | 912.1 | 958.8 | 1008.4 | 1079.9 | 1164.9 | 1241.7 | 1329.7 | 1417.8 |
| 37.5° | 785.5 | 803.2 | 821.0 | 851.9 | 890.1 | 943.5 | 1002.1 | 1088.9 | 1173.9 | 1254.3 | 1340.3 |
| 40° | 754.8 | 765.3 | 784.9 | 809.7 | 850.4 | 897.8 | 952.7 | 1037.7 | 1122.8 | 1202.6 | 1289.1 |
| 42.5° | 720.5 | 732.3 | 748.8 | 773.6 | 810.0 | 856.2 | 909.9 | 983.5 | 1072.2 | 1149.6 | 1228.3 |
| 45° | 672.8 | 679.6 | 696.1 | 717.2 | 747.2 | 793.9 | 843.6 | 909.1 | 992.6 | 1066.3 | 1135.6 |
| 47.5° | 624.6 | 630.5 | 640.8 | 660.2 | 693.8 | 731.3 | 777.8 | 836.5 | 909.8 | 983.5 | 1042.1 |
| 50° | 591.4 | 596.7 | 606.5 | 624.6 | 654.7 | 691.5 | 737.4 | 790.1 | 855.6 | 926.3 | 975.2 |
| 52.5° | 558.4 | 561.3 | 570.4 | 590.9 | 616.1 | 652.4 | 693.5 | 742.0 | 803.2 | 862.0 | 911.4 |
| 55° | 505.7 | 512.5 | 518.5 | 533.6 | 557.6 | 592.2 | 629.1 | 675.0 | 722.5 | 772.1 | 814.3 |
| 57.5° | 450.7 | 458.2 | 466.8 | 480.1 | 499.3 | 531.4 | 564.6 | 601.7 | 642.2 | 683.4 | 718.8 |
| 60° | 414.6 | 421.4 | 429.0 | 444.0 | 461.3 | 486.9 | 523.0 | 555.3 | 586.3 | 623.9 | 659.2 |
| 62.5° | 379.1 | 385.9 | 394.6 | 406.7 | 423.4 | 447.8 | 477.9 | 506.1 | 538.1 | 570.9 | 597.2 |
| 65° | 326.6 | 331.9 | 338.7 | 350.0 | 365.7 | 387.6 | 412.4 | 434.2 | 462.8 | 486.9 | 511.0 |
| 67.5° | 269.0 | 279.1 | 287.9 | 297.1 | 310.5 | 330.8 | 348.7 | 369.7 | 389.1 | 407.0 | 429.0 |
| 70° | 231.0 | 242.3 | 250.6 | 260.3 | 273.1 | 290.5 | 307.7 | 322.1 | 337.9 | 355.2 | 374.8 |
| 72.5° | 199.2 | 208.0 | 214.4 | 224.9 | 236.5 | 252.5 | 268.6 | 280.5 | 293.3 | 305.2 | 324.2 |
| 75° | 157.3 | 161.1 | 165.6 | 173.8 | 184.4 | 196.4 | 209.2 | 219.7 | 227.2 | 237.8 | 251.4 |
| 77.5° | 113.0 | 120.3 | 123.3 | 129.1 | 136.7 | 144.2 | 152.6 | 161.5 | 168.7 | 172.5 | 182.9 |
| 80° | 86.5 | 89.5 | 92.6 | 100.9 | 105.4 | 112.9 | 118.9 | 127.1 | 130.2 | 133.9 | 143.7 |
| 82.5° | 67.3 | 69.1 | 70.9 | 73.1 | 75.9 | 83.4 | 89.4 | 94.6 | 97.6 | 99.1 | 106.4 |
| 85° | 39.1 | 39.9 | 40.6 | 41.4 | 42.1 | 42.1 | 45.1 | 48.9 | 54.2 | 54.2 | 56.5 |
| 87.5° | 16.5 | 17.0 | 16.7 | 15.8 | 16.8 | 16.5 | 16.9 | 16.5 | 18.0 | 19.4 | 20.9 |
| 90° | 16.3 | 15.4 | 14.1 | 12.9 | 11.7 | 10.5 | 9.0 | 7.3 | 5.6 | 3.8 | 2.1 |
| 92.5° | 15.7 | 14.8 | 13.6 | 12.3 | 11.1 | 9.9 | 9.1 | 9.0 | 9.0 | 9.0 | 8.9 |
| 95° | 16.3 | 15.4 | 15.3 | 15.1 | 14.9 | 14.8 | 17.3 | 22.6 | 27.9 | 33.2 | 38.5 |
| 97.5° | 18.6 | 18.5 | 35.8 | 53.2 | 70.5 | 87.8 | 94.9 | 91.6 | 88.3 | 85.0 | 81.7 |
| 100° | 28.2 | 30.8 | 52.2 | 73.7 | 95.2 | 116.6 | 125.9 | 123.1 | 120.4 | 117.5 | 114.7 |
| 102.5° | 119.8 | 148.4 | 151.1 | 153.9 | 156.7 | 159.5 | 159.9 | 157.9 | 155.8 | 153.7 | 151.7 |
| 105° | 219.7 | 218.3 | 217.5 | 216.7 | 215.9 | 215.2 | 214.3 | 213.4 | 212.4 | 211.5 | 210.6 |
| 107.5° | 272.9 | 272.1 | 271.1 | 270.0 | 269.0 | 268.0 | 267.2 | 266.7 | 266.3 | 265.8 | 265.3 |
| 110° | 308.9 | 308.5 | 307.6 | 306.7 | 305.8 | 304.8 | 304.1 | 303.7 | 303.2 | 302.7 | 302.3 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 343.7 | 343.8 | 343.4 | 342.9 | 342.5 | 342.0 | 341.4 | 340.5 | 339.8 | 338.9 | 338.1 |
| 115° | 394.9 | 394.5 | 394.7 | 394.9 | 395.0 | 395.2 | 395.0 | 394.5 | 394.2 | 393.7 | 393.2 |
| 117.5° | 447.1 | 447.2 | 446.9 | 446.5 | 446.2 | 445.8 | 445.4 | 444.7 | 444.1 | 443.5 | 442.9 |
| 120° | 478.9 | 478.5 | 478.7 | 478.9 | 479.0 | 479.2 | 478.9 | 478.3 | 477.7 | 477.1 | 476.5 |
| 122.5° | 510.7 | 510.5 | 510.2 | 510.0 | 509.8 | 509.5 | 509.3 | 508.9 | 508.5 | 508.1 | 507.8 |
| 125° | 554.6 | 554.1 | 554.4 | 554.8 | 555.1 | 555.3 | 555.2 | 554.6 | 553.9 | 553.4 | 552.7 |
| 127.5° | 599.1 | 599.2 | 598.4 | 597.8 | 597.0 | 596.3 | 595.9 | 595.7 | 595.6 | 595.4 | 595.2 |
| 130° | 625.7 | 625.5 | 625.0 | 624.5 | 624.1 | 623.6 | 623.3 | 623.1 | 623.0 | 622.8 | 622.6 |
| 132.5° | 652.0 | 651.8 | 651.2 | 650.6 | 650.0 | 649.4 | 648.9 | 648.7 | 648.5 | 648.2 | 647.9 |
| 135° | 688.1 | 687.8 | 687.1 | 686.5 | 685.9 | 685.2 | 685.0 | 685.1 | 685.3 | 685.5 | 685.6 |
| 137.5° | 722.7 | 722.5 | 721.8 | 721.0 | 720.4 | 719.7 | 719.3 | 719.3 | 719.3 | 719.2 | 719.1 |
| 140° | 744.1 | 743.8 | 743.4 | 743.1 | 742.8 | 742.4 | 742.2 | 741.9 | 741.5 | 741.2 | 740.9 |
| 142.5° | 764.2 | 763.8 | 763.6 | 763.5 | 763.3 | 763.1 | 762.7 | 762.1 | 761.7 | 761.1 | 760.5 |
| 145° | 792.9 | 792.7 | 792.7 | 792.7 | 792.7 | 792.7 | 792.5 | 792.0 | 791.5 | 791.1 | 790.6 |
| 147.5° | 817.8 | 817.7 | 817.8 | 818.0 | 818.2 | 818.3 | 818.0 | 817.1 | 816.2 | 815.4 | 814.5 |
| 150° | 834.0 | 834.0 | 834.2 | 834.2 | 834.4 | 834.6 | 834.3 | 833.8 | 833.1 | 832.5 | 831.9 |
| 152.5° | 847.6 | 847.4 | 847.7 | 848.0 | 848.2 | 848.5 | 848.4 | 847.9 | 847.4 | 846.9 | 846.4 |
| 155° | 866.1 | 865.4 | 865.9 | 866.4 | 866.9 | 867.3 | 867.5 | 867.3 | 867.1 | 867.0 | 866.9 |
| 157.5° | 882.0 | 881.3 | 881.7 | 882.3 | 882.9 | 883.4 | 883.7 | 883.8 | 883.9 | 884.0 | 884.1 |
| 160° | 892.3 | 891.4 | 891.5 | 891.6 | 891.8 | 891.9 | 892.3 | 892.8 | 893.2 | 893.6 | 894.1 |
| 162.5° | 900.7 | 899.8 | 899.8 | 900.0 | 900.2 | 900.3 | 900.7 | 901.4 | 901.9 | 902.5 | 903.1 |
| 165° | 912.2 | 911.0 | 911.0 | 911.0 | 911.0 | 911.0 | 911.3 | 912.1 | 912.9 | 913.6 | 914.5 |
| 167.5° | 920.7 | 919.4 | 919.5 | 919.5 | 919.6 | 919.7 | 920.1 | 921.0 | 921.8 | 922.6 | 923.4 |
| 170° | 926.1 | 924.9 | 924.7 | 924.6 | 924.4 | 924.3 | 924.7 | 925.6 | 926.5 | 927.5 | 928.4 |
| 172.5° | 929.5 | 928.3 | 928.1 | 927.9 | 927.8 | 927.7 | 928.0 | 929.0 | 929.9 | 930.9 | 931.8 |
| 175° | 933.3 | 931.9 | 931.8 | 931.6 | 931.4 | 931.3 | 931.7 | 932.6 | 933.6 | 934.4 | 935.4 |
| 177.5° | 935.3 | 934.2 | 934.1 | 933.8 | 933.6 | 933.3 | 933.6 | 934.4 | 935.4 | 936.2 | 937.1 |
| 180° | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5° | 1879.2 | 1884.6 | 1890.6 | 1902.1 | 1911.8 | 1916.0 | 1924.4 | 1930.4 | 1928.6 | 1937.0 | 1951.4 |
| 5° | 1886.6 | 1907.0 | 1930.2 | 1954.4 | 1981.4 | 2004.0 | 2022.0 | 2040.1 | 2054.5 | 2071.7 | 2097.3 |
| 7.5° | 1885.4 | 1921.6 | 1960.8 | 2004.0 | 2048.4 | 2086.8 | 2122.3 | 2158.4 | 2190.5 | 2225.5 | 2271.4 |
| 10° | 1880.6 | 1928.7 | 1977.6 | 2034.1 | 2090.6 | 2144.0 | 2192.2 | 2237.3 | 2280.2 | 2326.1 | 2384.1 |
| 12.5° | 1875.2 | 1930.5 | 1989.7 | 2057.6 | 2127.9 | 2192.2 | 2248.7 | 2313.8 | 2367.5 | 2426.7 | 2493.6 |
| 15° | 1851.2 | 1925.7 | 2006.3 | 2094.3 | 2178.6 | 2265.1 | 2342.6 | 2422.4 | 2496.9 | 2567.7 | 2651.9 |
| 17.5° | 1823.8 | 1909.8 | 2004.8 | 2108.8 | 2210.1 | 2315.3 | 2407.3 | 2507.7 | 2583.9 | 2678.9 | 2757.1 |
| 20° | 1801.6 | 1894.1 | 1995.7 | 2112.3 | 2227.5 | 2344.1 | 2445.7 | 2548.1 | 2633.8 | 2729.4 | 2828.8 |
| 22.5° | 1774.4 | 1876.0 | 1986.1 | 2107.0 | 2227.5 | 2354.9 | 2467.4 | 2569.2 | 2675.4 | 2783.0 | 2885.4 |
| 25° | 1730.8 | 1836.2 | 1952.9 | 2085.3 | 2223.7 | 2353.9 | 2474.4 | 2600.8 | 2715.2 | 2831.8 | 2923.6 |
| 27.5° | 1677.3 | 1787.9 | 1910.8 | 2047.5 | 2189.6 | 2322.9 | 2464.7 | 2599.4 | 2714.5 | 2826.8 | 2906.9 |
| 30° | 1634.5 | 1751.1 | 1869.3 | 2007.8 | 2155.2 | 2298.2 | 2450.2 | 2584.9 | 2706.1 | 2807.0 | 2852.1 |
| 32.5° | 1590.5 | 1701.2 | 1823.0 | 1963.2 | 2114.3 | 2268.1 | 2418.9 | 2556.6 | 2668.8 | 2729.3 | 2730.5 |
| 35° | 1514.1 | 1618.0 | 1744.4 | 1882.1 | 2037.1 | 2204.1 | 2356.9 | 2492.4 | 2560.9 | 2566.2 | 2492.4 |
| 37.5° | 1430.7 | 1526.0 | 1645.3 | 1783.2 | 1952.9 | 2119.1 | 2275.2 | 2365.5 | 2388.4 | 2311.8 | 2175.4 |
| 40° | 1371.1 | 1459.2 | 1574.3 | 1715.8 | 1884.3 | 2056.0 | 2198.2 | 2264.4 | 2240.3 | 2116.1 | 1964.1 |
| 42.5° | 1308.5 | 1390.5 | 1501.5 | 1641.2 | 1810.3 | 1983.7 | 2104.9 | 2140.3 | 2076.5 | 1933.2 | 1755.2 |
| 45° | 1206.4 | 1281.6 | 1391.5 | 1532.2 | 1694.7 | 1857.3 | 1949.1 | 1931.0 | 1824.9 | 1654.8 | 1455.4 |
| 47.5° | 1099.9 | 1172.6 | 1271.5 | 1401.7 | 1568.1 | 1708.4 | 1770.6 | 1716.1 | 1565.1 | 1378.0 | 1215.8 |
| 50° | 1029.4 | 1104.0 | 1195.0 | 1319.2 | 1471.2 | 1606.7 | 1646.5 | 1563.8 | 1395.9 | 1216.1 | 1067.1 |
| 52.5° | 960.3 | 1023.9 | 1113.1 | 1233.1 | 1378.5 | 1492.9 | 1514.1 | 1418.7 | 1245.5 | 1084.2 | 952.1 |
| 55° | 854.9 | 912.9 | 988.1 | 1101.0 | 1226.6 | 1323.7 | 1312.4 | 1189.8 | 1032.5 | 894.8 | 790.9 |
| 57.5° | 753.0 | 796.6 | 866.2 | 971.9 | 1082.3 | 1147.5 | 1106.3 | 1001.6 | 855.1 | 742.3 | 654.7 |
| 60° | 685.6 | 726.2 | 790.9 | 883.4 | 980.5 | 1017.4 | 982.8 | 869.2 | 753.3 | 650.2 | 576.5 |
| 62.5° | 621.7 | 657.6 | 713.2 | 799.2 | 877.6 | 899.5 | 862.4 | 763.2 | 658.7 | 570.7 | 509.6 |
| 65° | 529.0 | 562.1 | 609.5 | 670.5 | 724.7 | 735.2 | 711.1 | 609.5 | 530.6 | 456.8 | 414.6 |
| 67.5° | 444.9 | 466.6 | 503.6 | 556.3 | 585.0 | 591.2 | 544.7 | 480.9 | 411.2 | 365.9 | 334.1 |
| 70° | 388.3 | 403.3 | 438.0 | 466.6 | 489.9 | 490.7 | 447.8 | 396.6 | 343.2 | 306.3 | 283.0 |
| 72.5° | 333.6 | 348.0 | 374.2 | 393.7 | 411.6 | 405.8 | 366.5 | 326.1 | 283.0 | 255.1 | 237.8 |
| 75° | 257.4 | 270.1 | 283.7 | 292.8 | 292.8 | 285.2 | 256.7 | 226.5 | 201.7 | 185.1 | 179.8 |
| 77.5° | 187.1 | 197.7 | 202.2 | 200.8 | 198.0 | 186.3 | 168.2 | 148.5 | 139.7 | 131.9 | 127.9 |
| 80° | 146.8 | 151.3 | 152.8 | 149.0 | 144.5 | 130.9 | 118.9 | 110.7 | 102.4 | 99.3 | 97.8 |
| 82.5° | 108.8 | 112.7 | 108.8 | 109.9 | 99.9 | 88.8 | 82.2 | 79.4 | 75.9 | 74.6 | 73.1 |
| 85° | 58.0 | 57.2 | 55.7 | 51.9 | 45.1 | 43.6 | 42.9 | 42.1 | 40.6 | 41.4 | 39.9 |
| 87.5° | 20.6 | 19.1 | 17.1 | 16.9 | 17.2 | 16.2 | 17.1 | 17.2 | 17.5 | 17.2 | 18.5 |
| 90° | 3.8 | 5.6 | 7.3 | 9.0 | 10.5 | 11.7 | 12.9 | 14.1 | 15.4 | 16.3 | 17.2 |
| 92.5° | 9.0 | 9.0 | 9.0 | 9.1 | 9.9 | 11.1 | 12.3 | 13.6 | 14.8 | 15.7 | 16.7 |
| 95° | 33.2 | 27.9 | 22.6 | 17.3 | 14.8 | 14.9 | 15.1 | 15.3 | 15.4 | 16.3 | 17.2 |
| 97.5° | 85.0 | 88.3 | 91.6 | 94.9 | 87.8 | 70.5 | 53.2 | 35.8 | 18.5 | 18.6 | 18.7 |
| 100° | 117.5 | 120.4 | 123.1 | 125.9 | 116.6 | 95.2 | 73.7 | 52.2 | 30.8 | 28.2 | 25.5 |
| 102.5° | 153.7 | 155.8 | 157.9 | 159.9 | 159.5 | 156.7 | 153.9 | 151.1 | 148.4 | 119.8 | 91.3 |
| 105° | 211.5 | 212.4 | 213.4 | 214.3 | 215.2 | 215.9 | 216.7 | 217.5 | 218.3 | 219.7 | 221.1 |
| 107.5° | 265.8 | 266.3 | 266.7 | 267.2 | 268.0 | 269.0 | 270.0 | 271.1 | 272.1 | 272.9 | 273.5 |
| 110° | 302.7 | 303.2 | 303.7 | 304.1 | 304.8 | 305.8 | 306.7 | 307.6 | 308.5 | 308.9 | 309.2 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 338.9 | 339.8 | 340.5 | 341.4 | 342.0 | 342.5 | 342.9 | 343.4 | 343.8 | 343.7 | 343.7 |
| 115° | 393.7 | 394.2 | 394.5 | 395.0 | 395.2 | 395.0 | 394.9 | 394.7 | 394.5 | 394.9 | 395.2 |
| 117.5° | 443.5 | 444.1 | 444.7 | 445.4 | 445.8 | 446.2 | 446.5 | 446.9 | 447.2 | 447.1 | 447.0 |
| 120° | 477.1 | 477.7 | 478.3 | 478.9 | 479.2 | 479.0 | 478.9 | 478.7 | 478.5 | 478.9 | 479.2 |
| 122.5° | 508.1 | 508.5 | 508.9 | 509.3 | 509.5 | 509.8 | 510.0 | 510.2 | 510.5 | 510.7 | 510.9 |
| 125° | 553.4 | 553.9 | 554.6 | 555.2 | 555.3 | 555.1 | 554.8 | 554.4 | 554.1 | 554.6 | 555.1 |
| 127.5° | 595.4 | 595.6 | 595.7 | 595.9 | 596.3 | 597.0 | 597.8 | 598.4 | 599.2 | 599.1 | 599.0 |
| 130° | 622.8 | 623.0 | 623.1 | 623.3 | 623.6 | 624.1 | 624.5 | 625.0 | 625.5 | 625.7 | 625.8 |
| 132.5° | 648.2 | 648.5 | 648.7 | 648.9 | 649.4 | 650.0 | 650.6 | 651.2 | 651.8 | 652.0 | 652.1 |
| 135° | 685.5 | 685.3 | 685.1 | 685.0 | 685.2 | 685.9 | 686.5 | 687.1 | 687.8 | 688.1 | 688.3 |
| 137.5° | 719.2 | 719.3 | 719.3 | 719.3 | 719.7 | 720.4 | 721.0 | 721.8 | 722.5 | 722.7 | 723.1 |
| 140° | 741.2 | 741.5 | 741.9 | 742.2 | 742.4 | 742.8 | 743.1 | 743.4 | 743.8 | 744.1 | 744.6 |
| 142.5° | 761.1 | 761.7 | 762.1 | 762.7 | 763.1 | 763.3 | 763.5 | 763.6 | 763.8 | 764.2 | 764.6 |
| 145° | 791.1 | 791.5 | 792.0 | 792.5 | 792.7 | 792.7 | 792.7 | 792.7 | 792.7 | 792.9 | 793.0 |
| 147.5° | 815.4 | 816.2 | 817.1 | 818.0 | 818.3 | 818.2 | 818.0 | 817.8 | 817.7 | 817.8 | 817.9 |
| 150° | 832.5 | 833.1 | 833.8 | 834.3 | 834.6 | 834.4 | 834.2 | 834.2 | 834.0 | 834.0 | 834.0 |
| 152.5° | 846.9 | 847.4 | 847.9 | 848.4 | 848.5 | 848.2 | 848.0 | 847.7 | 847.4 | 847.6 | 847.9 |
| 155° | 867.0 | 867.1 | 867.3 | 867.5 | 867.3 | 866.9 | 866.4 | 865.9 | 865.4 | 866.1 | 866.7 |
| 157.5° | 884.0 | 883.9 | 883.8 | 883.7 | 883.4 | 882.9 | 882.3 | 881.7 | 881.3 | 882.0 | 882.9 |
| 160° | 893.6 | 893.2 | 892.8 | 892.3 | 891.9 | 891.8 | 891.6 | 891.5 | 891.4 | 892.3 | 893.2 |
| 162.5° | 902.5 | 901.9 | 901.4 | 900.7 | 900.3 | 900.2 | 900.0 | 899.8 | 899.8 | 900.7 | 901.6 |
| 165° | 913.6 | 912.9 | 912.1 | 911.3 | 911.0 | 911.0 | 911.0 | 911.0 | 911.0 | 912.2 | 913.4 |
| 167.5° | 922.6 | 921.8 | 921.0 | 920.1 | 919.7 | 919.6 | 919.5 | 919.5 | 919.4 | 920.7 | 922.1 |
| 170° | 927.5 | 926.5 | 925.6 | 924.7 | 924.3 | 924.4 | 924.6 | 924.7 | 924.9 | 926.1 | 927.4 |
| 172.5° | 930.9 | 929.9 | 929.0 | 928.0 | 927.7 | 927.8 | 927.9 | 928.1 | 928.3 | 929.5 | 930.8 |
| 175° | 934.4 | 933.6 | 932.6 | 931.7 | 931.3 | 931.4 | 931.6 | 931.8 | 931.9 | 933.3 | 934.7 |
| 177.5° | 936.2 | 935.4 | 934.4 | 933.6 | 933.3 | 933.6 | 933.8 | 934.1 | 934.2 | 935.3 | 936.3 |
| 180° | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 | 1867.8 |
| 2.5° | 1959.3 | 1961.7 | 1963.5 | 1969.5 | 1970.1 | 1975.6 | 1970.1 |
| 5° | 2121.4 | 2131.9 | 2148.5 | 2165.0 | 2166.5 | 2177.1 | 2158.2 |
| 7.5° | 2303.2 | 2327.6 | 2342.8 | 2369.6 | 2380.1 | 2386.7 | 2375.9 |
| 10° | 2428.5 | 2451.0 | 2490.9 | 2510.5 | 2530.1 | 2533.0 | 2524.0 |
| 12.5° | 2549.5 | 2585.3 | 2616.7 | 2653.7 | 2652.9 | 2679.4 | 2669.7 |
| 15° | 2710.7 | 2747.5 | 2791.2 | 2832.5 | 2847.6 | 2847.6 | 2859.7 |
| 17.5° | 2825.6 | 2893.2 | 2938.4 | 2970.9 | 3006.3 | 3012.6 | 3008.3 |
| 20° | 2903.3 | 2976.3 | 3024.4 | 3066.6 | 3090.7 | 3097.5 | 3097.5 |
| 22.5° | 2961.1 | 3023.2 | 3070.2 | 3108.1 | 3128.0 | 3135.9 | 3133.6 |
| 25° | 3001.1 | 3054.5 | 3083.2 | 3094.5 | 3099.6 | 3098.2 | 3083.9 |
| 27.5° | 2946.3 | 2943.9 | 2925.8 | 2891.2 | 2865.2 | 2849.4 | 2831.3 |
| 30° | 2841.6 | 2802.5 | 2757.3 | 2707.6 | 2643.6 | 2594.7 | 2579.6 |
| 32.5° | 2685.7 | 2597.7 | 2521.3 | 2438.5 | 2369.7 | 2320.8 | 2300.4 |
| 35° | 2384.1 | 2244.9 | 2131.2 | 2031.8 | 1959.6 | 1914.5 | 1899.4 |
| 37.5° | 2026.1 | 1891.4 | 1750.7 | 1654.4 | 1594.5 | 1548.9 | 1531.8 |
| 40° | 1798.6 | 1651.8 | 1529.2 | 1438.9 | 1377.1 | 1332.8 | 1332.0 |
| 42.5° | 1590.8 | 1450.8 | 1335.3 | 1270.3 | 1203.7 | 1174.4 | 1174.2 |
| 45° | 1302.6 | 1190.5 | 1092.7 | 1041.5 | 1001.6 | 977.5 | 970.7 |
| 47.5° | 1078.6 | 985.8 | 920.7 | 879.9 | 847.3 | 832.0 | 822.1 |
| 50° | 952.7 | 871.5 | 819.5 | 784.1 | 766.1 | 746.5 | 745.0 |
| 52.5° | 847.9 | 782.3 | 741.9 | 713.1 | 690.2 | 678.4 | 678.8 |
| 55° | 712.7 | 660.7 | 632.2 | 610.3 | 592.2 | 583.2 | 579.5 |
| 57.5° | 600.4 | 561.4 | 540.6 | 520.6 | 512.9 | 505.9 | 503.9 |
| 60° | 530.6 | 504.2 | 484.7 | 468.8 | 457.5 | 455.2 | 454.5 |
| 62.5° | 472.8 | 445.2 | 431.7 | 419.4 | 411.2 | 407.7 | 406.3 |
| 65° | 389.8 | 369.5 | 357.4 | 347.7 | 344.7 | 339.4 | 338.7 |
| 67.5° | 314.2 | 302.1 | 294.1 | 287.3 | 283.2 | 283.0 | 283.0 |
| 70° | 267.9 | 261.1 | 254.4 | 250.6 | 248.4 | 246.9 | 246.9 |
| 72.5° | 228.2 | 223.2 | 217.6 | 215.7 | 215.2 | 213.7 | 213.1 |
| 75° | 173.8 | 168.5 | 169.3 | 165.6 | 162.6 | 158.8 | 156.6 |
| 77.5° | 123.3 | 119.5 | 118.8 | 118.3 | 115.7 | 115.3 | 116.5 |
| 80° | 95.6 | 91.8 | 91.0 | 91.8 | 91.0 | 88.8 | 88.8 |
| 82.5° | 72.7 | 69.6 | 68.8 | 68.3 | 67.6 | 68.3 | 67.1 |
| 85° | 39.1 | 37.6 | 37.6 | 37.6 | 39.1 | 38.4 | 37.6 |
| 87.5° | 17.5 | 17.1 | 17.8 | 17.2 | 17.3 | 16.8 | 17.4 |
| 90° | 18.2 | 19.1 | 19.7 | 20.1 | 20.4 | 20.6 | 21.0 |
| 92.5° | 17.6 | 18.6 | 19.0 | 19.1 | 19.2 | 19.2 | 19.3 |
| 95° | 18.2 | 19.1 | 19.7 | 19.8 | 20.0 | 20.2 | 20.3 |
| 97.5° | 18.8 | 18.9 | 18.9 | 19.1 | 19.3 | 19.4 | 19.6 |
| 100° | 22.8 | 20.2 | 18.9 | 19.1 | 19.3 | 19.4 | 19.6 |
| 102.5° | 62.8 | 34.3 | 20.0 | 20.1 | 20.1 | 20.1 | 20.2 |
| 105° | 222.4 | 223.9 | 221.8 | 216.2 | 210.6 | 205.0 | 199.4 |
| 107.5° | 274.2 | 274.9 | 275.5 | 276.2 | 276.7 | 277.3 | 277.9 |
| 110° | 309.4 | 309.8 | 310.2 | 310.7 | 311.1 | 311.6 | 312.1 |



TEST NUMBER: P333099-830

CATALOG NUMBER: S124RDIW-S1195D770U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 343.7 | 343.6 | 343.8 | 344.4 | 345.0 | 345.6 | 346.2 |
| 115° | 395.5 | 395.9 | 396.0 | 396.0 | 396.0 | 396.0 | 396.0 |
| 117.5° | 447.0 | 447.0 | 446.9 | 446.9 | 446.8 | 446.7 | 446.7 |
| 120° | 479.5 | 479.8 | 479.8 | 479.5 | 479.2 | 478.9 | 478.5 |
| 122.5° | 511.0 | 511.2 | 511.1 | 510.9 | 510.5 | 510.2 | 509.9 |
| 125° | 555.5 | 556.0 | 556.3 | 556.5 | 556.6 | 556.8 | 556.9 |
| 127.5° | 598.9 | 598.8 | 598.7 | 598.6 | 598.4 | 598.3 | 598.2 |
| 130° | 625.9 | 626.1 | 626.1 | 626.1 | 626.1 | 626.1 | 626.1 |
| 132.5° | 652.2 | 652.4 | 652.4 | 652.3 | 652.1 | 652.1 | 652.0 |
| 135° | 688.7 | 689.0 | 689.3 | 689.6 | 689.9 | 690.2 | 690.5 |
| 137.5° | 723.5 | 723.8 | 724.0 | 723.9 | 723.8 | 723.7 | 723.6 |
| 140° | 745.1 | 745.6 | 745.9 | 746.0 | 746.2 | 746.4 | 746.5 |
| 142.5° | 764.9 | 765.3 | 765.4 | 765.4 | 765.4 | 765.5 | 765.5 |
| 145° | 793.1 | 793.3 | 793.5 | 793.8 | 794.2 | 794.5 | 794.8 |
| 147.5° | 818.1 | 818.2 | 818.4 | 818.5 | 818.7 | 818.9 | 819.0 |
| 150° | 834.0 | 834.0 | 834.1 | 834.2 | 834.3 | 834.5 | 834.6 |
| 152.5° | 848.1 | 848.4 | 848.5 | 848.4 | 848.3 | 848.2 | 848.1 |
| 155° | 867.3 | 867.9 | 868.0 | 867.5 | 867.0 | 866.6 | 866.2 |
| 157.5° | 883.7 | 884.5 | 884.5 | 883.7 | 882.9 | 882.0 | 881.3 |
| 160° | 894.1 | 895.0 | 895.0 | 894.1 | 893.2 | 892.3 | 891.4 |
| 162.5° | 902.5 | 903.4 | 903.4 | 902.4 | 901.3 | 900.2 | 899.2 |
| 165° | 914.6 | 915.9 | 915.9 | 914.5 | 913.0 | 911.6 | 910.2 |
| 167.5° | 923.4 | 924.8 | 924.7 | 923.1 | 921.6 | 920.0 | 918.5 |
| 170° | 928.7 | 929.9 | 929.7 | 928.2 | 926.6 | 925.1 | 923.5 |
| 172.5° | 932.0 | 933.2 | 933.0 | 931.3 | 929.7 | 928.0 | 926.3 |
| 175° | 936.1 | 937.5 | 937.3 | 935.4 | 933.6 | 931.7 | 929.8 |
| 177.5° | 937.3 | 938.3 | 938.0 | 936.5 | 935.0 | 933.6 | 932.1 |
| 180° | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 | 935.4 |

(END OF REPORT)