

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: P333009-830

Luminaire Tested: **S124RDIP-S1195D1205U830-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333009-830
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: S124RDIP-S1195D1205U830-4F0-1E-UDD-A
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1195 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1205 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9255.0 lumens
Efficiency: N/A
Efficacy: 129.1 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

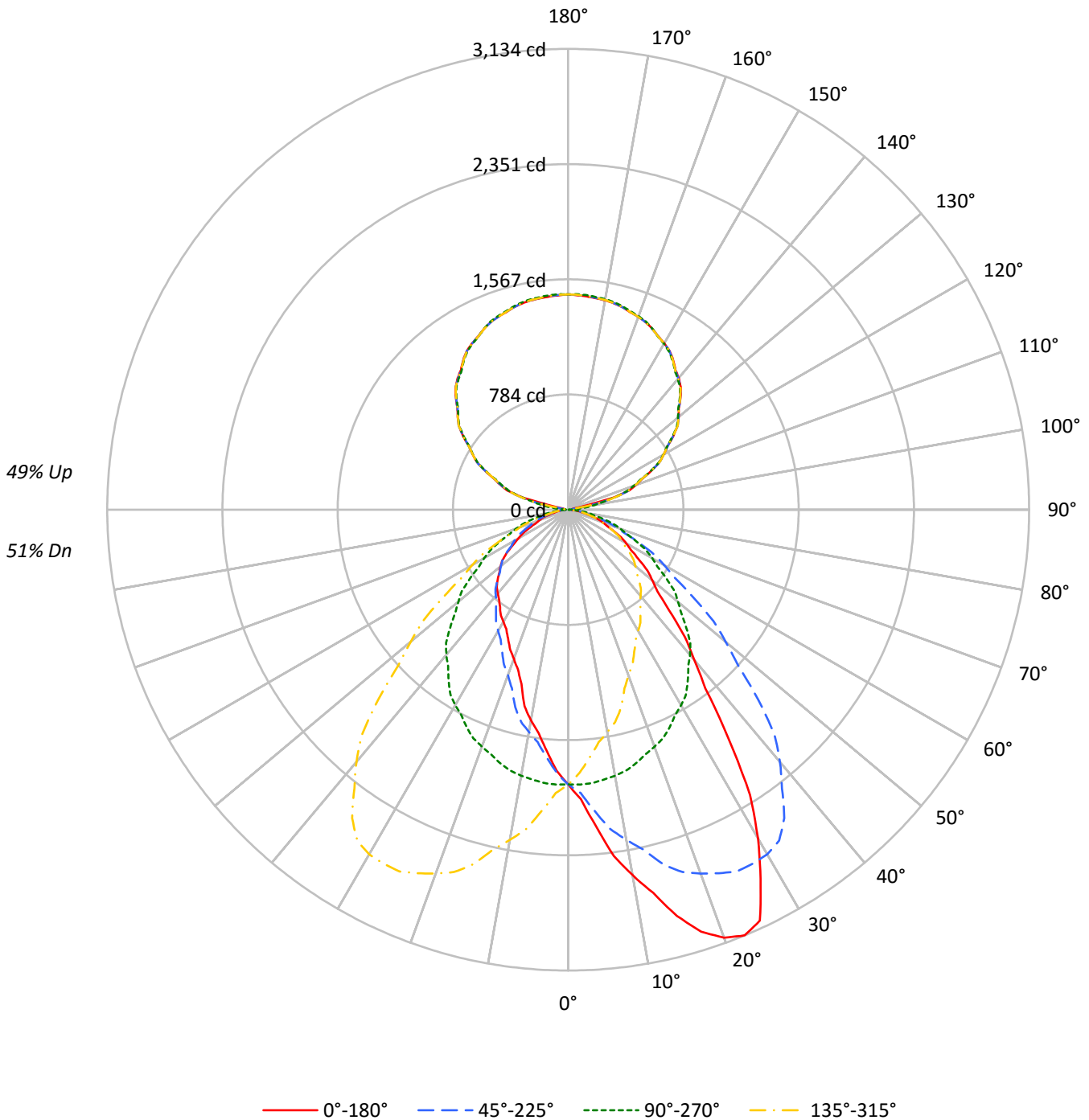
Input Watts (W): 71.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-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 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 70 | 70 | 70 | 57 | 57 | 57 | 51 |
| 1 | 99 | 94 | 91 | 87 | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 61 | 59 | 51 | 50 | 49 | 44 |
| 2 | 90 | 83 | 77 | 72 | 83 | 77 | 72 | 67 | 66 | 62 | 59 | 55 | 53 | 50 | 46 | 44 | 42 | 38 |
| 3 | 82 | 73 | 66 | 61 | 76 | 68 | 62 | 57 | 58 | 54 | 50 | 49 | 46 | 43 | 41 | 38 | 36 | 32 |
| 4 | 76 | 65 | 57 | 52 | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 37 | 34 | 32 | 28 |
| 5 | 70 | 58 | 50 | 44 | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 40 | 36 | 32 | 33 | 30 | 28 | 25 |
| 6 | 64 | 52 | 44 | 39 | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 25 | 22 |
| 7 | 59 | 47 | 40 | 34 | 55 | 44 | 37 | 32 | 38 | 33 | 29 | 33 | 29 | 25 | 28 | 25 | 22 | 19 |
| 8 | 55 | 43 | 35 | 30 | 51 | 40 | 33 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 26 | 22 | 20 | 18 |
| 9 | 51 | 39 | 32 | 27 | 48 | 37 | 30 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 24 | 20 | 18 | 16 |
| 10 | 48 | 36 | 29 | 24 | 45 | 34 | 27 | 23 | 30 | 24 | 21 | 26 | 22 | 19 | 22 | 19 | 16 | 14 |

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: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 181.0 | 2.0 |
| 10°-20° | 545.9 | 5.9 |
| 20°-30° | 853.8 | 9.2 |
| 30°-40° | 949.2 | 10.3 |
| 40°-50° | 842.2 | 9.1 |
| 50°-60° | 656.2 | 7.1 |
| 60°-70° | 429.6 | 4.6 |
| 70°-80° | 211.3 | 2.3 |
| 80°-90° | 56.4 | 0.6 |
| 90°-100° | 50.1 | 0.5 |
| 100°-110° | 319.3 | 3.5 |
| 110°-120° | 610.8 | 6.6 |
| 120°-130° | 775.4 | 8.4 |
| 130°-140° | 829.7 | 9.0 |
| 140°-150° | 775.8 | 8.4 |
| 150°-160° | 625.7 | 6.8 |
| 160°-170° | 403.5 | 4.4 |
| 170°-180° | 139.1 | 1.5 |
| 0°-30° | 1580.7 | 17.1 |
| 0°-40° | 2529.9 | 27.3 |
| 0°-60° | 4028.3 | 43.5 |
| 0°-90° | 4725.6 | 51.1 |
| 90°-120° | 980.2 | 10.6 |
| 90°-150° | 3361.2 | 36.3 |
| 90°-180° | 4529.0 | 48.9 |
| 0°-180° | 9255.0 | 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° | 33 | 3 | 33 | 3 | 33 | 16 |
| 95° | 32 | 60 | 32 | 60 | 32 | 25 |
| 105° | 312 | 330 | 312 | 330 | 312 | 272 |
| 115° | 620 | 616 | 620 | 616 | 620 | 614 |
| 125° | 872 | 865 | 872 | 865 | 872 | 776 |
| 135° | 1081 | 1073 | 1081 | 1073 | 1081 | 832 |
| 145° | 1244 | 1238 | 1244 | 1238 | 1244 | 777 |
| 155° | 1356 | 1357 | 1356 | 1357 | 1356 | 625 |
| 165° | 1425 | 1431 | 1425 | 1431 | 1425 | 402 |
| 175° | 1456 | 1464 | 1456 | 1464 | 1456 | 139 |
| 180° | 1464 | 1464 | 1464 | 1464 | 1464 | |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-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° | 19.8 | 19.1 | 19.6 | 19.5 | 20.0 | 19.2 | 19.5 | 20.5 | 18.9 | 19.2 | 18.9 |
| 90° | 32.9 | 32.3 | 31.9 | 31.4 | 30.9 | 30.0 | 28.5 | 27.1 | 25.5 | 24.1 | 22.1 |
| 92.5° | 30.3 | 30.2 | 30.1 | 30.0 | 29.9 | 29.0 | 27.6 | 26.1 | 24.7 | 23.2 | 21.3 |
| 95° | 31.8 | 31.5 | 31.3 | 31.0 | 30.8 | 30.0 | 28.5 | 27.1 | 25.5 | 24.1 | 23.8 |
| 97.5° | 30.6 | 30.4 | 30.2 | 30.0 | 29.7 | 29.5 | 29.3 | 29.2 | 29.0 | 28.9 | 56.1 |
| 100° | 30.6 | 30.4 | 30.2 | 30.0 | 29.7 | 31.7 | 35.8 | 39.9 | 44.0 | 48.2 | 81.8 |
| 102.5° | 31.6 | 31.5 | 31.5 | 31.4 | 31.4 | 53.6 | 98.3 | 142.9 | 187.6 | 232.1 | 236.6 |
| 105° | 312.2 | 320.9 | 329.6 | 338.4 | 347.1 | 350.4 | 348.3 | 346.1 | 343.9 | 341.7 | 340.4 |
| 107.5° | 435.0 | 434.0 | 433.2 | 432.3 | 431.3 | 430.3 | 429.2 | 428.2 | 427.1 | 426.0 | 424.3 |
| 110° | 488.4 | 487.8 | 487.0 | 486.3 | 485.5 | 484.9 | 484.5 | 484.0 | 483.4 | 483.0 | 481.5 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 541.9 | 541.0 | 540.1 | 539.1 | 538.2 | 537.8 | 537.9 | 538.0 | 538.1 | 538.2 | 537.5 |
| 115° | 619.9 | 619.9 | 619.9 | 619.9 | 619.9 | 619.6 | 619.2 | 618.7 | 618.2 | 617.6 | 617.9 |
| 117.5° | 699.2 | 699.3 | 699.4 | 699.5 | 699.6 | 699.6 | 699.7 | 699.8 | 699.9 | 700.0 | 699.6 |
| 120° | 749.1 | 749.6 | 750.1 | 750.5 | 751.0 | 751.0 | 750.5 | 750.1 | 749.6 | 749.1 | 749.3 |
| 122.5° | 798.1 | 798.6 | 799.2 | 799.7 | 800.1 | 800.2 | 799.9 | 799.7 | 799.4 | 799.1 | 798.7 |
| 125° | 871.8 | 871.6 | 871.3 | 871.0 | 870.8 | 870.3 | 869.6 | 868.8 | 868.1 | 867.4 | 867.9 |
| 127.5° | 936.4 | 936.6 | 936.8 | 937.0 | 937.2 | 937.4 | 937.5 | 937.6 | 937.7 | 937.9 | 936.8 |
| 130° | 980.1 | 980.1 | 980.1 | 980.1 | 980.1 | 980.1 | 979.9 | 979.6 | 979.3 | 979.1 | 978.4 |
| 132.5° | 1020.5 | 1020.7 | 1020.9 | 1021.1 | 1021.2 | 1021.2 | 1021.1 | 1020.8 | 1020.5 | 1020.3 | 1019.4 |
| 135° | 1080.9 | 1080.4 | 1080.0 | 1079.5 | 1079.0 | 1078.6 | 1078.0 | 1077.5 | 1077.0 | 1076.6 | 1075.6 |
| 137.5° | 1132.7 | 1132.7 | 1132.9 | 1133.1 | 1133.2 | 1133.0 | 1132.5 | 1132.0 | 1131.4 | 1130.9 | 1129.8 |
| 140° | 1168.6 | 1168.3 | 1168.1 | 1167.8 | 1167.6 | 1167.2 | 1166.4 | 1165.6 | 1164.9 | 1164.2 | 1163.7 |
| 142.5° | 1198.3 | 1198.3 | 1198.3 | 1198.3 | 1198.2 | 1197.9 | 1197.3 | 1196.8 | 1196.3 | 1195.7 | 1195.4 |
| 145° | 1244.2 | 1243.7 | 1243.1 | 1242.6 | 1242.2 | 1241.8 | 1241.6 | 1241.3 | 1241.1 | 1240.9 | 1240.9 |
| 147.5° | 1282.0 | 1281.8 | 1281.6 | 1281.3 | 1281.0 | 1280.8 | 1280.6 | 1280.4 | 1280.3 | 1280.1 | 1280.3 |
| 150° | 1306.6 | 1306.4 | 1306.1 | 1305.8 | 1305.6 | 1305.4 | 1305.4 | 1305.4 | 1305.4 | 1305.4 | 1305.7 |
| 152.5° | 1327.6 | 1327.8 | 1327.9 | 1328.0 | 1328.1 | 1328.0 | 1327.7 | 1327.3 | 1326.9 | 1326.5 | 1326.9 |
| 155° | 1355.8 | 1356.6 | 1357.3 | 1358.0 | 1358.8 | 1358.7 | 1357.6 | 1356.7 | 1355.8 | 1354.7 | 1355.5 |
| 157.5° | 1379.5 | 1380.7 | 1382.1 | 1383.3 | 1384.6 | 1384.6 | 1383.3 | 1382.1 | 1380.7 | 1379.5 | 1380.4 |
| 160° | 1395.2 | 1396.8 | 1398.2 | 1399.7 | 1401.1 | 1401.1 | 1399.7 | 1398.2 | 1396.8 | 1395.2 | 1395.5 |
| 162.5° | 1407.5 | 1409.2 | 1410.9 | 1412.5 | 1414.2 | 1414.3 | 1412.8 | 1411.4 | 1409.9 | 1408.4 | 1408.6 |
| 165° | 1424.8 | 1427.0 | 1429.2 | 1431.4 | 1433.6 | 1433.7 | 1431.8 | 1429.8 | 1427.9 | 1426.0 | 1426.0 |
| 167.5° | 1437.8 | 1440.2 | 1442.7 | 1445.1 | 1447.5 | 1447.7 | 1445.5 | 1443.4 | 1441.2 | 1439.1 | 1439.3 |
| 170° | 1445.7 | 1448.1 | 1450.5 | 1452.9 | 1455.4 | 1455.7 | 1453.7 | 1451.7 | 1449.8 | 1447.8 | 1447.6 |
| 172.5° | 1450.0 | 1452.6 | 1455.3 | 1457.9 | 1460.6 | 1460.8 | 1459.0 | 1457.0 | 1455.0 | 1453.1 | 1452.8 |
| 175° | 1455.5 | 1458.4 | 1461.3 | 1464.2 | 1467.2 | 1467.5 | 1465.4 | 1463.2 | 1460.9 | 1458.8 | 1458.6 |
| 177.5° | 1459.1 | 1461.3 | 1463.7 | 1466.0 | 1468.4 | 1468.8 | 1467.2 | 1465.7 | 1464.1 | 1462.5 | 1462.2 |
| 180° | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-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° | 18.5 | 17.5 | 18.3 | 17.8 | 17.9 | 19.8 | 21.0 | 21.1 | 19.9 | 18.6 | 17.3 |
| 90° | 20.2 | 18.3 | 16.3 | 13.9 | 11.3 | 8.7 | 5.9 | 3.3 | 5.9 | 8.7 | 11.3 |
| 92.5° | 19.3 | 17.3 | 15.5 | 14.4 | 14.2 | 14.1 | 13.9 | 13.8 | 13.9 | 14.1 | 14.2 |
| 95° | 23.6 | 23.4 | 23.1 | 27.1 | 35.4 | 43.6 | 51.9 | 60.2 | 51.9 | 43.6 | 35.4 |
| 97.5° | 83.2 | 110.4 | 137.5 | 148.5 | 143.4 | 138.3 | 133.1 | 127.9 | 133.1 | 138.3 | 143.4 |
| 100° | 115.4 | 148.9 | 182.6 | 197.2 | 192.7 | 188.4 | 184.0 | 179.6 | 184.0 | 188.4 | 192.7 |
| 102.5° | 240.9 | 245.3 | 249.7 | 250.2 | 247.0 | 243.8 | 240.6 | 237.4 | 240.6 | 243.8 | 247.0 |
| 105° | 339.2 | 338.1 | 336.9 | 335.5 | 334.0 | 332.5 | 331.1 | 329.6 | 331.1 | 332.5 | 334.0 |
| 107.5° | 422.7 | 421.0 | 419.4 | 418.2 | 417.5 | 416.8 | 416.0 | 415.3 | 416.0 | 416.8 | 417.5 |
| 110° | 480.0 | 478.6 | 477.1 | 476.1 | 475.3 | 474.6 | 473.8 | 473.2 | 473.8 | 474.6 | 475.3 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 536.8 | 536.1 | 535.5 | 534.4 | 533.1 | 531.8 | 530.6 | 529.2 | 530.6 | 531.8 | 533.1 |
| 115° | 618.2 | 618.4 | 618.7 | 618.4 | 617.6 | 617.0 | 616.2 | 615.5 | 616.2 | 617.0 | 617.6 |
| 117.5° | 699.0 | 698.4 | 697.9 | 697.1 | 696.2 | 695.2 | 694.2 | 693.2 | 694.2 | 695.2 | 696.2 |
| 120° | 749.6 | 749.9 | 750.1 | 749.7 | 748.8 | 747.8 | 746.8 | 745.8 | 746.8 | 747.8 | 748.8 |
| 122.5° | 798.3 | 798.1 | 797.7 | 797.2 | 796.6 | 796.1 | 795.5 | 794.8 | 795.5 | 796.1 | 796.6 |
| 125° | 868.4 | 868.8 | 869.3 | 869.1 | 868.1 | 867.1 | 866.2 | 865.2 | 866.2 | 867.1 | 868.1 |
| 127.5° | 935.7 | 934.5 | 933.4 | 932.7 | 932.6 | 932.3 | 932.0 | 931.8 | 932.0 | 932.3 | 932.6 |
| 130° | 977.6 | 976.9 | 976.2 | 975.7 | 975.4 | 975.2 | 975.0 | 974.7 | 975.0 | 975.2 | 975.4 |
| 132.5° | 1018.4 | 1017.5 | 1016.6 | 1015.9 | 1015.5 | 1015.0 | 1014.6 | 1014.2 | 1014.6 | 1015.0 | 1015.5 |
| 135° | 1074.6 | 1073.7 | 1072.7 | 1072.3 | 1072.5 | 1072.8 | 1073.1 | 1073.3 | 1073.1 | 1072.8 | 1072.5 |
| 137.5° | 1128.8 | 1127.7 | 1126.6 | 1126.1 | 1126.0 | 1125.9 | 1125.8 | 1125.7 | 1125.8 | 1125.9 | 1126.0 |
| 140° | 1163.2 | 1162.7 | 1162.2 | 1161.8 | 1161.3 | 1160.7 | 1160.3 | 1159.8 | 1160.3 | 1160.7 | 1161.3 |
| 142.5° | 1195.1 | 1194.9 | 1194.6 | 1194.0 | 1193.1 | 1192.2 | 1191.4 | 1190.4 | 1191.4 | 1192.2 | 1193.1 |
| 145° | 1240.9 | 1240.9 | 1240.9 | 1240.5 | 1239.7 | 1239.1 | 1238.3 | 1237.6 | 1238.3 | 1239.1 | 1239.7 |
| 147.5° | 1280.5 | 1280.8 | 1281.0 | 1280.4 | 1279.1 | 1277.7 | 1276.4 | 1275.0 | 1276.4 | 1277.7 | 1279.1 |
| 150° | 1306.0 | 1306.2 | 1306.5 | 1306.1 | 1305.1 | 1304.1 | 1303.2 | 1302.2 | 1303.2 | 1304.1 | 1305.1 |
| 152.5° | 1327.4 | 1327.9 | 1328.2 | 1328.0 | 1327.3 | 1326.5 | 1325.8 | 1324.9 | 1325.8 | 1326.5 | 1327.3 |
| 155° | 1356.2 | 1357.0 | 1357.6 | 1357.9 | 1357.6 | 1357.4 | 1357.2 | 1357.0 | 1357.2 | 1357.4 | 1357.6 |
| 157.5° | 1381.2 | 1382.0 | 1382.8 | 1383.3 | 1383.5 | 1383.6 | 1383.7 | 1383.8 | 1383.7 | 1383.6 | 1383.5 |
| 160° | 1395.7 | 1396.0 | 1396.3 | 1396.8 | 1397.5 | 1398.2 | 1398.9 | 1399.7 | 1398.9 | 1398.2 | 1397.5 |
| 162.5° | 1408.9 | 1409.1 | 1409.4 | 1409.9 | 1410.9 | 1411.8 | 1412.8 | 1413.6 | 1412.8 | 1411.8 | 1410.9 |
| 165° | 1426.0 | 1426.0 | 1426.0 | 1426.5 | 1427.8 | 1429.0 | 1430.2 | 1431.4 | 1430.2 | 1429.0 | 1427.8 |
| 167.5° | 1439.4 | 1439.5 | 1439.6 | 1440.4 | 1441.6 | 1442.9 | 1444.2 | 1445.4 | 1444.2 | 1442.9 | 1441.6 |
| 170° | 1447.4 | 1447.1 | 1446.9 | 1447.5 | 1449.0 | 1450.4 | 1451.9 | 1453.3 | 1451.9 | 1450.4 | 1449.0 |
| 172.5° | 1452.6 | 1452.4 | 1452.1 | 1452.7 | 1454.2 | 1455.7 | 1457.1 | 1458.6 | 1457.1 | 1455.7 | 1454.2 |
| 175° | 1458.3 | 1458.0 | 1457.8 | 1458.4 | 1459.9 | 1461.3 | 1462.8 | 1464.2 | 1462.8 | 1461.3 | 1459.9 |
| 177.5° | 1461.7 | 1461.3 | 1460.9 | 1461.4 | 1462.8 | 1464.1 | 1465.6 | 1466.9 | 1465.6 | 1464.1 | 1462.8 |
| 180° | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-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° | 17.8 | 17.7 | 18.1 | 17.2 | 18.3 | 18.7 | 18.4 | 18.7 | 19.5 | 18.7 | 18.9 |
| 90° | 13.9 | 16.3 | 18.3 | 20.2 | 22.1 | 24.1 | 25.5 | 27.1 | 28.5 | 30.0 | 30.9 |
| 92.5° | 14.4 | 15.5 | 17.3 | 19.3 | 21.3 | 23.2 | 24.7 | 26.1 | 27.6 | 29.0 | 29.9 |
| 95° | 27.1 | 23.1 | 23.4 | 23.6 | 23.8 | 24.1 | 25.5 | 27.1 | 28.5 | 30.0 | 30.8 |
| 97.5° | 148.5 | 137.5 | 110.4 | 83.2 | 56.1 | 28.9 | 29.0 | 29.2 | 29.3 | 29.5 | 29.7 |
| 100° | 197.2 | 182.6 | 148.9 | 115.4 | 81.8 | 48.2 | 44.0 | 39.9 | 35.8 | 31.7 | 29.7 |
| 102.5° | 250.2 | 249.7 | 245.3 | 240.9 | 236.6 | 232.1 | 187.6 | 142.9 | 98.3 | 53.6 | 31.4 |
| 105° | 335.5 | 336.9 | 338.1 | 339.2 | 340.4 | 341.7 | 343.9 | 346.1 | 348.3 | 350.4 | 347.1 |
| 107.5° | 418.2 | 419.4 | 421.0 | 422.7 | 424.3 | 426.0 | 427.1 | 428.2 | 429.2 | 430.3 | 431.3 |
| 110° | 476.1 | 477.1 | 478.6 | 480.0 | 481.5 | 483.0 | 483.4 | 484.0 | 484.5 | 484.9 | 485.5 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 534.4 | 535.5 | 536.1 | 536.8 | 537.5 | 538.2 | 538.1 | 538.0 | 537.9 | 537.8 | 538.2 |
| 115° | 618.4 | 618.7 | 618.4 | 618.2 | 617.9 | 617.6 | 618.2 | 618.7 | 619.2 | 619.6 | 619.9 |
| 117.5° | 697.1 | 697.9 | 698.4 | 699.0 | 699.6 | 700.0 | 699.9 | 699.8 | 699.7 | 699.6 | 699.6 |
| 120° | 749.7 | 750.1 | 749.9 | 749.6 | 749.3 | 749.1 | 749.6 | 750.1 | 750.5 | 751.0 | 751.0 |
| 122.5° | 797.2 | 797.7 | 798.1 | 798.3 | 798.7 | 799.1 | 799.4 | 799.7 | 799.9 | 800.2 | 800.1 |
| 125° | 869.1 | 869.3 | 868.8 | 868.4 | 867.9 | 867.4 | 868.1 | 868.8 | 869.6 | 870.3 | 870.8 |
| 127.5° | 932.7 | 933.4 | 934.5 | 935.7 | 936.8 | 937.9 | 937.7 | 937.6 | 937.5 | 937.4 | 937.2 |
| 130° | 975.7 | 976.2 | 976.9 | 977.6 | 978.4 | 979.1 | 979.3 | 979.6 | 979.9 | 980.1 | 980.1 |
| 132.5° | 1015.9 | 1016.6 | 1017.5 | 1018.4 | 1019.4 | 1020.3 | 1020.5 | 1020.8 | 1021.1 | 1021.2 | 1021.2 |
| 135° | 1072.3 | 1072.7 | 1073.7 | 1074.6 | 1075.6 | 1076.6 | 1077.0 | 1077.5 | 1078.0 | 1078.6 | 1079.0 |
| 137.5° | 1126.1 | 1126.6 | 1127.7 | 1128.8 | 1129.8 | 1130.9 | 1131.4 | 1132.0 | 1132.5 | 1133.0 | 1133.2 |
| 140° | 1161.8 | 1162.2 | 1162.7 | 1163.2 | 1163.7 | 1164.2 | 1164.9 | 1165.6 | 1166.4 | 1167.2 | 1167.6 |
| 142.5° | 1194.0 | 1194.6 | 1194.9 | 1195.1 | 1195.4 | 1195.7 | 1196.3 | 1196.8 | 1197.3 | 1197.9 | 1198.2 |
| 145° | 1240.5 | 1240.9 | 1240.9 | 1240.9 | 1240.9 | 1240.9 | 1241.1 | 1241.3 | 1241.6 | 1241.8 | 1242.2 |
| 147.5° | 1280.4 | 1281.0 | 1280.8 | 1280.5 | 1280.3 | 1280.1 | 1280.3 | 1280.4 | 1280.6 | 1280.8 | 1281.0 |
| 150° | 1306.1 | 1306.5 | 1306.2 | 1306.0 | 1305.7 | 1305.4 | 1305.4 | 1305.4 | 1305.4 | 1305.4 | 1305.6 |
| 152.5° | 1328.0 | 1328.2 | 1327.9 | 1327.4 | 1326.9 | 1326.5 | 1326.9 | 1327.3 | 1327.7 | 1328.0 | 1328.1 |
| 155° | 1357.9 | 1357.6 | 1357.0 | 1356.2 | 1355.5 | 1354.7 | 1355.8 | 1356.7 | 1357.6 | 1358.7 | 1358.8 |
| 157.5° | 1383.3 | 1382.8 | 1382.0 | 1381.2 | 1380.4 | 1379.5 | 1380.7 | 1382.1 | 1383.3 | 1384.6 | 1384.6 |
| 160° | 1396.8 | 1396.3 | 1396.0 | 1395.7 | 1395.5 | 1395.2 | 1396.8 | 1398.2 | 1399.7 | 1401.1 | 1401.1 |
| 162.5° | 1409.9 | 1409.4 | 1409.1 | 1408.9 | 1408.6 | 1408.4 | 1409.9 | 1411.4 | 1412.8 | 1414.3 | 1414.2 |
| 165° | 1426.5 | 1426.0 | 1426.0 | 1426.0 | 1426.0 | 1426.0 | 1427.9 | 1429.8 | 1431.8 | 1433.7 | 1433.6 |
| 167.5° | 1440.4 | 1439.6 | 1439.5 | 1439.4 | 1439.3 | 1439.1 | 1441.2 | 1443.4 | 1445.5 | 1447.7 | 1447.5 |
| 170° | 1447.5 | 1446.9 | 1447.1 | 1447.4 | 1447.6 | 1447.8 | 1449.8 | 1451.7 | 1453.7 | 1455.7 | 1455.4 |
| 172.5° | 1452.7 | 1452.1 | 1452.4 | 1452.6 | 1452.8 | 1453.1 | 1455.0 | 1457.0 | 1459.0 | 1460.8 | 1460.6 |
| 175° | 1458.4 | 1457.8 | 1458.0 | 1458.3 | 1458.6 | 1458.8 | 1460.9 | 1463.2 | 1465.4 | 1467.5 | 1467.2 |
| 177.5° | 1461.4 | 1460.9 | 1461.3 | 1461.7 | 1462.2 | 1462.5 | 1464.1 | 1465.7 | 1467.2 | 1468.8 | 1468.4 |
| 180° | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-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° | 20.2 | 19.6 | 19.1 | 19.8 | 19.1 | 19.6 | 20.2 | 18.9 | 18.7 | 19.5 | 18.7 |
| 90° | 31.4 | 31.9 | 32.3 | 32.9 | 32.3 | 31.9 | 31.4 | 30.9 | 30.0 | 28.5 | 27.1 |
| 92.5° | 30.0 | 30.1 | 30.2 | 30.3 | 30.2 | 30.1 | 30.0 | 29.9 | 29.0 | 27.6 | 26.1 |
| 95° | 31.0 | 31.3 | 31.5 | 31.8 | 31.5 | 31.3 | 31.0 | 30.8 | 30.0 | 28.5 | 27.1 |
| 97.5° | 30.0 | 30.2 | 30.4 | 30.6 | 30.4 | 30.2 | 30.0 | 29.7 | 29.5 | 29.3 | 29.2 |
| 100° | 30.0 | 30.2 | 30.4 | 30.6 | 30.4 | 30.2 | 30.0 | 29.7 | 31.7 | 35.8 | 39.9 |
| 102.5° | 31.4 | 31.5 | 31.5 | 31.6 | 31.5 | 31.5 | 31.4 | 31.4 | 53.6 | 98.3 | 142.9 |
| 105° | 338.4 | 329.6 | 320.9 | 312.2 | 320.9 | 329.6 | 338.4 | 347.1 | 350.4 | 348.3 | 346.1 |
| 107.5° | 432.3 | 433.2 | 434.0 | 435.0 | 434.0 | 433.2 | 432.3 | 431.3 | 430.3 | 429.2 | 428.2 |
| 110° | 486.3 | 487.0 | 487.8 | 488.4 | 487.8 | 487.0 | 486.3 | 485.5 | 484.9 | 484.5 | 484.0 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 539.1 | 540.1 | 541.0 | 541.9 | 541.0 | 540.1 | 539.1 | 538.2 | 537.8 | 537.9 | 538.0 |
| 115° | 619.9 | 619.9 | 619.9 | 619.9 | 619.9 | 619.9 | 619.9 | 619.9 | 619.6 | 619.2 | 618.7 |
| 117.5° | 699.5 | 699.4 | 699.3 | 699.2 | 699.3 | 699.4 | 699.5 | 699.6 | 699.6 | 699.7 | 699.8 |
| 120° | 750.5 | 750.1 | 749.6 | 749.1 | 749.6 | 750.1 | 750.5 | 751.0 | 751.0 | 750.5 | 750.1 |
| 122.5° | 799.7 | 799.2 | 798.6 | 798.1 | 798.6 | 799.2 | 799.7 | 800.1 | 800.2 | 799.9 | 799.7 |
| 125° | 871.0 | 871.3 | 871.6 | 871.8 | 871.6 | 871.3 | 871.0 | 870.8 | 870.3 | 869.6 | 868.8 |
| 127.5° | 937.0 | 936.8 | 936.6 | 936.4 | 936.6 | 936.8 | 937.0 | 937.2 | 937.4 | 937.5 | 937.6 |
| 130° | 980.1 | 980.1 | 980.1 | 980.1 | 980.1 | 980.1 | 980.1 | 980.1 | 980.1 | 979.9 | 979.6 |
| 132.5° | 1021.1 | 1020.9 | 1020.7 | 1020.5 | 1020.7 | 1020.9 | 1021.1 | 1021.2 | 1021.2 | 1021.1 | 1020.8 |
| 135° | 1079.5 | 1080.0 | 1080.4 | 1080.9 | 1080.4 | 1080.0 | 1079.5 | 1079.0 | 1078.6 | 1078.0 | 1077.5 |
| 137.5° | 1133.1 | 1132.9 | 1132.7 | 1132.7 | 1132.7 | 1132.9 | 1133.1 | 1133.2 | 1133.0 | 1132.5 | 1132.0 |
| 140° | 1167.8 | 1168.1 | 1168.3 | 1168.6 | 1168.3 | 1168.1 | 1167.8 | 1167.6 | 1167.2 | 1166.4 | 1165.6 |
| 142.5° | 1198.3 | 1198.3 | 1198.3 | 1198.3 | 1198.3 | 1198.3 | 1198.3 | 1198.2 | 1197.9 | 1197.3 | 1196.8 |
| 145° | 1242.6 | 1243.1 | 1243.7 | 1244.2 | 1243.7 | 1243.1 | 1242.6 | 1242.2 | 1241.8 | 1241.6 | 1241.3 |
| 147.5° | 1281.3 | 1281.6 | 1281.8 | 1282.0 | 1281.8 | 1281.6 | 1281.3 | 1281.0 | 1280.8 | 1280.6 | 1280.4 |
| 150° | 1305.8 | 1306.1 | 1306.4 | 1306.6 | 1306.4 | 1306.1 | 1305.8 | 1305.6 | 1305.4 | 1305.4 | 1305.4 |
| 152.5° | 1328.0 | 1327.9 | 1327.8 | 1327.6 | 1327.8 | 1327.9 | 1328.0 | 1328.1 | 1328.0 | 1327.7 | 1327.3 |
| 155° | 1358.0 | 1357.3 | 1356.6 | 1355.8 | 1356.6 | 1357.3 | 1358.0 | 1358.8 | 1358.7 | 1357.6 | 1356.7 |
| 157.5° | 1383.3 | 1382.1 | 1380.7 | 1379.5 | 1380.7 | 1382.1 | 1383.3 | 1384.6 | 1384.6 | 1383.3 | 1382.1 |
| 160° | 1399.7 | 1398.2 | 1396.8 | 1395.2 | 1396.8 | 1398.2 | 1399.7 | 1401.1 | 1401.1 | 1399.7 | 1398.2 |
| 162.5° | 1412.5 | 1410.9 | 1409.2 | 1407.5 | 1409.2 | 1410.9 | 1412.5 | 1414.2 | 1414.3 | 1412.8 | 1411.4 |
| 165° | 1431.4 | 1429.2 | 1427.0 | 1424.8 | 1427.0 | 1429.2 | 1431.4 | 1433.6 | 1433.7 | 1431.8 | 1429.8 |
| 167.5° | 1445.1 | 1442.7 | 1440.2 | 1437.8 | 1440.2 | 1442.7 | 1445.1 | 1447.5 | 1447.7 | 1445.5 | 1443.4 |
| 170° | 1452.9 | 1450.5 | 1448.1 | 1445.7 | 1448.1 | 1450.5 | 1452.9 | 1455.4 | 1455.7 | 1453.7 | 1451.7 |
| 172.5° | 1457.9 | 1455.3 | 1452.6 | 1450.0 | 1452.6 | 1455.3 | 1457.9 | 1460.6 | 1460.8 | 1459.0 | 1457.0 |
| 175° | 1464.2 | 1461.3 | 1458.4 | 1455.5 | 1458.4 | 1461.3 | 1464.2 | 1467.2 | 1467.5 | 1465.4 | 1463.2 |
| 177.5° | 1466.0 | 1463.7 | 1461.3 | 1459.1 | 1461.3 | 1463.7 | 1466.0 | 1468.4 | 1468.8 | 1467.2 | 1465.7 |
| 180° | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-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° | 18.4 | 18.7 | 18.3 | 17.2 | 18.1 | 17.7 | 17.8 | 17.3 | 18.6 | 19.9 | 21.1 |
| 90° | 25.5 | 24.1 | 22.1 | 20.2 | 18.3 | 16.3 | 13.9 | 11.3 | 8.7 | 5.9 | 3.3 |
| 92.5° | 24.7 | 23.2 | 21.3 | 19.3 | 17.3 | 15.5 | 14.4 | 14.2 | 14.1 | 13.9 | 13.8 |
| 95° | 25.5 | 24.1 | 23.8 | 23.6 | 23.4 | 23.1 | 27.1 | 35.4 | 43.6 | 51.9 | 60.2 |
| 97.5° | 29.0 | 28.9 | 56.1 | 83.2 | 110.4 | 137.5 | 148.5 | 143.4 | 138.3 | 133.1 | 127.9 |
| 100° | 44.0 | 48.2 | 81.8 | 115.4 | 148.9 | 182.6 | 197.2 | 192.7 | 188.4 | 184.0 | 179.6 |
| 102.5° | 187.6 | 232.1 | 236.6 | 240.9 | 245.3 | 249.7 | 250.2 | 247.0 | 243.8 | 240.6 | 237.4 |
| 105° | 343.9 | 341.7 | 340.4 | 339.2 | 338.1 | 336.9 | 335.5 | 334.0 | 332.5 | 331.1 | 329.6 |
| 107.5° | 427.1 | 426.0 | 424.3 | 422.7 | 421.0 | 419.4 | 418.2 | 417.5 | 416.8 | 416.0 | 415.3 |
| 110° | 483.4 | 483.0 | 481.5 | 480.0 | 478.6 | 477.1 | 476.1 | 475.3 | 474.6 | 473.8 | 473.2 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 538.1 | 538.2 | 537.5 | 536.8 | 536.1 | 535.5 | 534.4 | 533.1 | 531.8 | 530.6 | 529.2 |
| 115° | 618.2 | 617.6 | 617.9 | 618.2 | 618.4 | 618.7 | 618.4 | 617.6 | 617.0 | 616.2 | 615.5 |
| 117.5° | 699.9 | 700.0 | 699.6 | 699.0 | 698.4 | 697.9 | 697.1 | 696.2 | 695.2 | 694.2 | 693.2 |
| 120° | 749.6 | 749.1 | 749.3 | 749.6 | 749.9 | 750.1 | 749.7 | 748.8 | 747.8 | 746.8 | 745.8 |
| 122.5° | 799.4 | 799.1 | 798.7 | 798.3 | 798.1 | 797.7 | 797.2 | 796.6 | 796.1 | 795.5 | 794.8 |
| 125° | 868.1 | 867.4 | 867.9 | 868.4 | 868.8 | 869.3 | 869.1 | 868.1 | 867.1 | 866.2 | 865.2 |
| 127.5° | 937.7 | 937.9 | 936.8 | 935.7 | 934.5 | 933.4 | 932.7 | 932.6 | 932.3 | 932.0 | 931.8 |
| 130° | 979.3 | 979.1 | 978.4 | 977.6 | 976.9 | 976.2 | 975.7 | 975.4 | 975.2 | 975.0 | 974.7 |
| 132.5° | 1020.5 | 1020.3 | 1019.4 | 1018.4 | 1017.5 | 1016.6 | 1015.9 | 1015.5 | 1015.0 | 1014.6 | 1014.2 |
| 135° | 1077.0 | 1076.6 | 1075.6 | 1074.6 | 1073.7 | 1072.7 | 1072.3 | 1072.5 | 1072.8 | 1073.1 | 1073.3 |
| 137.5° | 1131.4 | 1130.9 | 1129.8 | 1128.8 | 1127.7 | 1126.6 | 1126.1 | 1126.0 | 1125.9 | 1125.8 | 1125.7 |
| 140° | 1164.9 | 1164.2 | 1163.7 | 1163.2 | 1162.7 | 1162.2 | 1161.8 | 1161.3 | 1160.7 | 1160.3 | 1159.8 |
| 142.5° | 1196.3 | 1195.7 | 1195.4 | 1195.1 | 1194.9 | 1194.6 | 1194.0 | 1193.1 | 1192.2 | 1191.4 | 1190.4 |
| 145° | 1241.1 | 1240.9 | 1240.9 | 1240.9 | 1240.9 | 1240.9 | 1240.5 | 1239.7 | 1239.1 | 1238.3 | 1237.6 |
| 147.5° | 1280.3 | 1280.1 | 1280.3 | 1280.5 | 1280.8 | 1281.0 | 1280.4 | 1279.1 | 1277.7 | 1276.4 | 1275.0 |
| 150° | 1305.4 | 1305.4 | 1305.7 | 1306.0 | 1306.2 | 1306.5 | 1306.1 | 1305.1 | 1304.1 | 1303.2 | 1302.2 |
| 152.5° | 1326.9 | 1326.5 | 1326.9 | 1327.4 | 1327.9 | 1328.2 | 1328.0 | 1327.3 | 1326.5 | 1325.8 | 1324.9 |
| 155° | 1355.8 | 1354.7 | 1355.5 | 1356.2 | 1357.0 | 1357.6 | 1357.9 | 1357.6 | 1357.4 | 1357.2 | 1357.0 |
| 157.5° | 1380.7 | 1379.5 | 1380.4 | 1381.2 | 1382.0 | 1382.8 | 1383.3 | 1383.5 | 1383.6 | 1383.7 | 1383.8 |
| 160° | 1396.8 | 1395.2 | 1395.5 | 1395.7 | 1396.0 | 1396.3 | 1396.8 | 1397.5 | 1398.2 | 1398.9 | 1399.7 |
| 162.5° | 1409.9 | 1408.4 | 1408.6 | 1408.9 | 1409.1 | 1409.4 | 1409.9 | 1410.9 | 1411.8 | 1412.8 | 1413.6 |
| 165° | 1427.9 | 1426.0 | 1426.0 | 1426.0 | 1426.0 | 1426.0 | 1426.5 | 1427.8 | 1429.0 | 1430.2 | 1431.4 |
| 167.5° | 1441.2 | 1439.1 | 1439.3 | 1439.4 | 1439.5 | 1439.6 | 1440.4 | 1441.6 | 1442.9 | 1444.2 | 1445.4 |
| 170° | 1449.8 | 1447.8 | 1447.6 | 1447.4 | 1447.1 | 1446.9 | 1447.5 | 1449.0 | 1450.4 | 1451.9 | 1453.3 |
| 172.5° | 1455.0 | 1453.1 | 1452.8 | 1452.6 | 1452.4 | 1452.1 | 1452.7 | 1454.2 | 1455.7 | 1457.1 | 1458.6 |
| 175° | 1460.9 | 1458.8 | 1458.6 | 1458.3 | 1458.0 | 1457.8 | 1458.4 | 1459.9 | 1461.3 | 1462.8 | 1464.2 |
| 177.5° | 1464.1 | 1462.5 | 1462.2 | 1461.7 | 1461.3 | 1460.9 | 1461.4 | 1462.8 | 1464.1 | 1465.6 | 1466.9 |
| 180° | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-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° | 21.0 | 19.8 | 17.9 | 17.8 | 18.3 | 17.5 | 18.5 | 18.9 | 19.2 | 18.9 | 20.5 |
| 90° | 5.9 | 8.7 | 11.3 | 13.9 | 16.3 | 18.3 | 20.2 | 22.1 | 24.1 | 25.5 | 27.1 |
| 92.5° | 13.9 | 14.1 | 14.2 | 14.4 | 15.5 | 17.3 | 19.3 | 21.3 | 23.2 | 24.7 | 26.1 |
| 95° | 51.9 | 43.6 | 35.4 | 27.1 | 23.1 | 23.4 | 23.6 | 23.8 | 24.1 | 25.5 | 27.1 |
| 97.5° | 133.1 | 138.3 | 143.4 | 148.5 | 137.5 | 110.4 | 83.2 | 56.1 | 28.9 | 29.0 | 29.2 |
| 100° | 184.0 | 188.4 | 192.7 | 197.2 | 182.6 | 148.9 | 115.4 | 81.8 | 48.2 | 44.0 | 39.9 |
| 102.5° | 240.6 | 243.8 | 247.0 | 250.2 | 249.7 | 245.3 | 240.9 | 236.6 | 232.1 | 187.6 | 142.9 |
| 105° | 331.1 | 332.5 | 334.0 | 335.5 | 336.9 | 338.1 | 339.2 | 340.4 | 341.7 | 343.9 | 346.1 |
| 107.5° | 416.0 | 416.8 | 417.5 | 418.2 | 419.4 | 421.0 | 422.7 | 424.3 | 426.0 | 427.1 | 428.2 |
| 110° | 473.8 | 474.6 | 475.3 | 476.1 | 477.1 | 478.6 | 480.0 | 481.5 | 483.0 | 483.4 | 484.0 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 530.6 | 531.8 | 533.1 | 534.4 | 535.5 | 536.1 | 536.8 | 537.5 | 538.2 | 538.1 | 538.0 |
| 115° | 616.2 | 617.0 | 617.6 | 618.4 | 618.7 | 618.4 | 618.2 | 617.9 | 617.6 | 618.2 | 618.7 |
| 117.5° | 694.2 | 695.2 | 696.2 | 697.1 | 697.9 | 698.4 | 699.0 | 699.6 | 700.0 | 699.9 | 699.8 |
| 120° | 746.8 | 747.8 | 748.8 | 749.7 | 750.1 | 749.9 | 749.6 | 749.3 | 749.1 | 749.6 | 750.1 |
| 122.5° | 795.5 | 796.1 | 796.6 | 797.2 | 797.7 | 798.1 | 798.3 | 798.7 | 799.1 | 799.4 | 799.7 |
| 125° | 866.2 | 867.1 | 868.1 | 869.1 | 869.3 | 868.8 | 868.4 | 867.9 | 867.4 | 868.1 | 868.8 |
| 127.5° | 932.0 | 932.3 | 932.6 | 932.7 | 933.4 | 934.5 | 935.7 | 936.8 | 937.9 | 937.7 | 937.6 |
| 130° | 975.0 | 975.2 | 975.4 | 975.7 | 976.2 | 976.9 | 977.6 | 978.4 | 979.1 | 979.3 | 979.6 |
| 132.5° | 1014.6 | 1015.0 | 1015.5 | 1015.9 | 1016.6 | 1017.5 | 1018.4 | 1019.4 | 1020.3 | 1020.5 | 1020.8 |
| 135° | 1073.1 | 1072.8 | 1072.5 | 1072.3 | 1072.7 | 1073.7 | 1074.6 | 1075.6 | 1076.6 | 1077.0 | 1077.5 |
| 137.5° | 1125.8 | 1125.9 | 1126.0 | 1126.1 | 1126.6 | 1127.7 | 1128.8 | 1129.8 | 1130.9 | 1131.4 | 1132.0 |
| 140° | 1160.3 | 1160.7 | 1161.3 | 1161.8 | 1162.2 | 1162.7 | 1163.2 | 1163.7 | 1164.2 | 1164.9 | 1165.6 |
| 142.5° | 1191.4 | 1192.2 | 1193.1 | 1194.0 | 1194.6 | 1194.9 | 1195.1 | 1195.4 | 1195.7 | 1196.3 | 1196.8 |
| 145° | 1238.3 | 1239.1 | 1239.7 | 1240.5 | 1240.9 | 1240.9 | 1240.9 | 1240.9 | 1240.9 | 1241.1 | 1241.3 |
| 147.5° | 1276.4 | 1277.7 | 1279.1 | 1280.4 | 1281.0 | 1280.8 | 1280.5 | 1280.3 | 1280.1 | 1280.3 | 1280.4 |
| 150° | 1303.2 | 1304.1 | 1305.1 | 1306.1 | 1306.5 | 1306.2 | 1306.0 | 1305.7 | 1305.4 | 1305.4 | 1305.4 |
| 152.5° | 1325.8 | 1326.5 | 1327.3 | 1328.0 | 1328.2 | 1327.9 | 1327.4 | 1326.9 | 1326.5 | 1326.9 | 1327.3 |
| 155° | 1357.2 | 1357.4 | 1357.6 | 1357.9 | 1357.6 | 1357.0 | 1356.2 | 1355.5 | 1354.7 | 1355.8 | 1356.7 |
| 157.5° | 1383.7 | 1383.6 | 1383.5 | 1383.3 | 1382.8 | 1382.0 | 1381.2 | 1380.4 | 1379.5 | 1380.7 | 1382.1 |
| 160° | 1398.9 | 1398.2 | 1397.5 | 1396.8 | 1396.3 | 1396.0 | 1395.7 | 1395.5 | 1395.2 | 1396.8 | 1398.2 |
| 162.5° | 1412.8 | 1411.8 | 1410.9 | 1409.9 | 1409.4 | 1409.1 | 1408.9 | 1408.6 | 1408.4 | 1409.9 | 1411.4 |
| 165° | 1430.2 | 1429.0 | 1427.8 | 1426.5 | 1426.0 | 1426.0 | 1426.0 | 1426.0 | 1426.0 | 1427.9 | 1429.8 |
| 167.5° | 1444.2 | 1442.9 | 1441.6 | 1440.4 | 1439.6 | 1439.5 | 1439.4 | 1439.3 | 1439.1 | 1441.2 | 1443.4 |
| 170° | 1451.9 | 1450.4 | 1449.0 | 1447.5 | 1446.9 | 1447.1 | 1447.4 | 1447.6 | 1447.8 | 1449.8 | 1451.7 |
| 172.5° | 1457.1 | 1455.7 | 1454.2 | 1452.7 | 1452.1 | 1452.4 | 1452.6 | 1452.8 | 1453.1 | 1455.0 | 1457.0 |
| 175° | 1462.8 | 1461.3 | 1459.9 | 1458.4 | 1457.8 | 1458.0 | 1458.3 | 1458.6 | 1458.8 | 1460.9 | 1463.2 |
| 177.5° | 1465.6 | 1464.1 | 1462.8 | 1461.4 | 1460.9 | 1461.3 | 1461.7 | 1462.2 | 1462.5 | 1464.1 | 1465.7 |
| 180° | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-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° | 19.5 | 19.2 | 20.0 | 19.5 | 19.6 | 19.1 | 19.8 |
| 90° | 28.5 | 30.0 | 30.9 | 31.4 | 31.9 | 32.3 | 32.9 |
| 92.5° | 27.6 | 29.0 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 |
| 95° | 28.5 | 30.0 | 30.8 | 31.0 | 31.3 | 31.5 | 31.8 |
| 97.5° | 29.3 | 29.5 | 29.7 | 30.0 | 30.2 | 30.4 | 30.6 |
| 100° | 35.8 | 31.7 | 29.7 | 30.0 | 30.2 | 30.4 | 30.6 |
| 102.5° | 98.3 | 53.6 | 31.4 | 31.4 | 31.5 | 31.5 | 31.6 |
| 105° | 348.3 | 350.4 | 347.1 | 338.4 | 329.6 | 320.9 | 312.2 |
| 107.5° | 429.2 | 430.3 | 431.3 | 432.3 | 433.2 | 434.0 | 435.0 |
| 110° | 484.5 | 484.9 | 485.5 | 486.3 | 487.0 | 487.8 | 488.4 |



TEST NUMBER: P333009-830

CATALOG NUMBER: S124RDIP-S1195D1205U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 537.9 | 537.8 | 538.2 | 539.1 | 540.1 | 541.0 | 541.9 |
| 115° | 619.2 | 619.6 | 619.9 | 619.9 | 619.9 | 619.9 | 619.9 |
| 117.5° | 699.7 | 699.6 | 699.6 | 699.5 | 699.4 | 699.3 | 699.2 |
| 120° | 750.5 | 751.0 | 751.0 | 750.5 | 750.1 | 749.6 | 749.1 |
| 122.5° | 799.9 | 800.2 | 800.1 | 799.7 | 799.2 | 798.6 | 798.1 |
| 125° | 869.6 | 870.3 | 870.8 | 871.0 | 871.3 | 871.6 | 871.8 |
| 127.5° | 937.5 | 937.4 | 937.2 | 937.0 | 936.8 | 936.6 | 936.4 |
| 130° | 979.9 | 980.1 | 980.1 | 980.1 | 980.1 | 980.1 | 980.1 |
| 132.5° | 1021.1 | 1021.2 | 1021.2 | 1021.1 | 1020.9 | 1020.7 | 1020.5 |
| 135° | 1078.0 | 1078.6 | 1079.0 | 1079.5 | 1080.0 | 1080.4 | 1080.9 |
| 137.5° | 1132.5 | 1133.0 | 1133.2 | 1133.1 | 1132.9 | 1132.7 | 1132.7 |
| 140° | 1166.4 | 1167.2 | 1167.6 | 1167.8 | 1168.1 | 1168.3 | 1168.6 |
| 142.5° | 1197.3 | 1197.9 | 1198.2 | 1198.3 | 1198.3 | 1198.3 | 1198.3 |
| 145° | 1241.6 | 1241.8 | 1242.2 | 1242.6 | 1243.1 | 1243.7 | 1244.2 |
| 147.5° | 1280.6 | 1280.8 | 1281.0 | 1281.3 | 1281.6 | 1281.8 | 1282.0 |
| 150° | 1305.4 | 1305.4 | 1305.6 | 1305.8 | 1306.1 | 1306.4 | 1306.6 |
| 152.5° | 1327.7 | 1328.0 | 1328.1 | 1328.0 | 1327.9 | 1327.8 | 1327.6 |
| 155° | 1357.6 | 1358.7 | 1358.8 | 1358.0 | 1357.3 | 1356.6 | 1355.8 |
| 157.5° | 1383.3 | 1384.6 | 1384.6 | 1383.3 | 1382.1 | 1380.7 | 1379.5 |
| 160° | 1399.7 | 1401.1 | 1401.1 | 1399.7 | 1398.2 | 1396.8 | 1395.2 |
| 162.5° | 1412.8 | 1414.3 | 1414.2 | 1412.5 | 1410.9 | 1409.2 | 1407.5 |
| 165° | 1431.8 | 1433.7 | 1433.6 | 1431.4 | 1429.2 | 1427.0 | 1424.8 |
| 167.5° | 1445.5 | 1447.7 | 1447.5 | 1445.1 | 1442.7 | 1440.2 | 1437.8 |
| 170° | 1453.7 | 1455.7 | 1455.4 | 1452.9 | 1450.5 | 1448.1 | 1445.7 |
| 172.5° | 1459.0 | 1460.8 | 1460.6 | 1457.9 | 1455.3 | 1452.6 | 1450.0 |
| 175° | 1465.4 | 1467.5 | 1467.2 | 1464.2 | 1461.3 | 1458.4 | 1455.5 |
| 177.5° | 1467.2 | 1468.8 | 1468.4 | 1466.0 | 1463.7 | 1461.3 | 1459.1 |
| 180° | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 | 1464.2 |

(END OF REPORT)