

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: P331857

Luminaire Tested: **S122RDIW-S1005D1240U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331857
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122RDIW-S1005D1240U835-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1240 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8769.9 lumens
Efficiency: N/A
Efficacy: 115.1 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

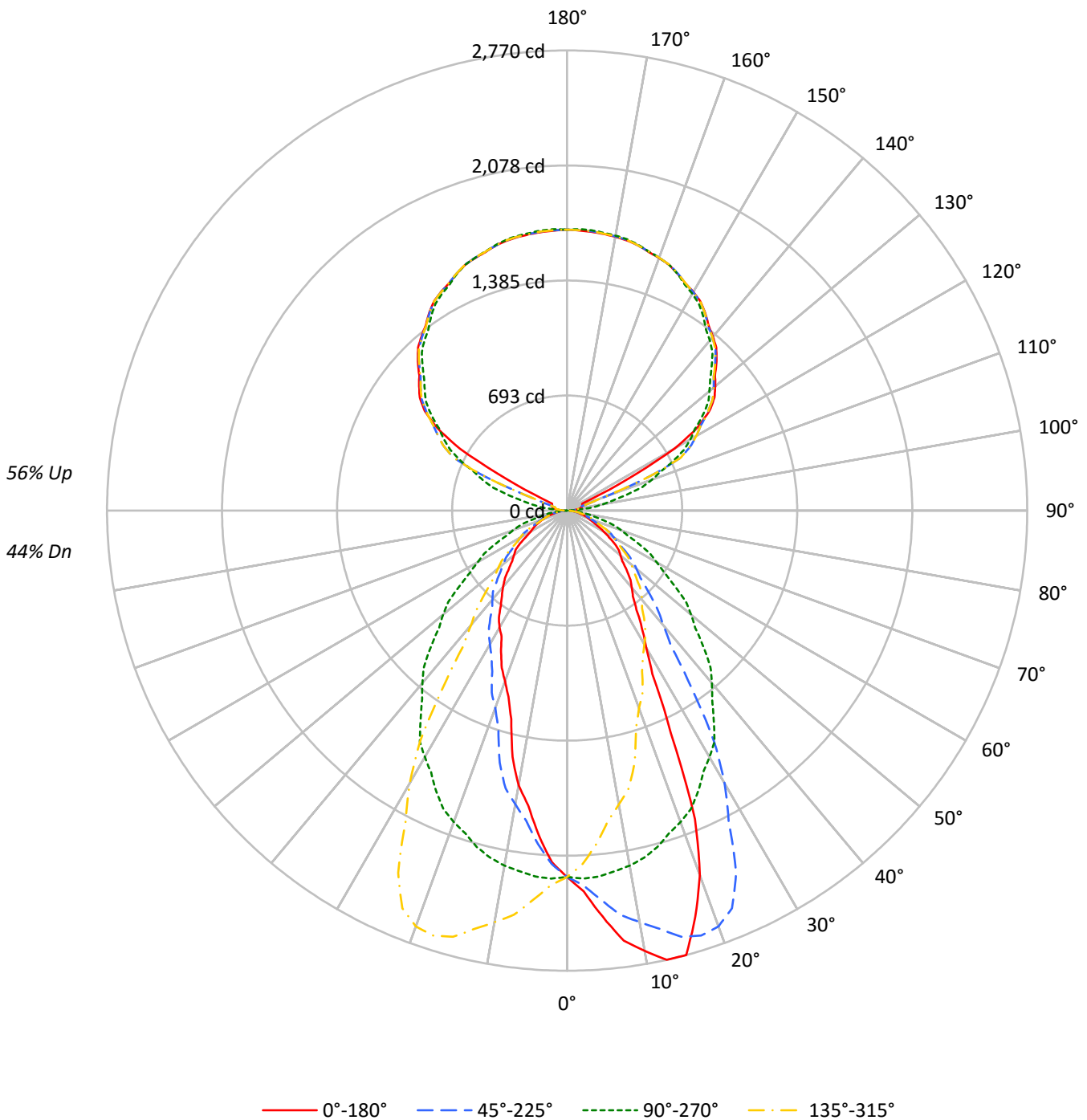
Input Watts (W): 76.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-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 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 64 | 64 | 64 | 50 | 50 | 50 | 44 |
| 1 | 97 | 93 | 89 | 86 | 89 | 85 | 82 | 79 | 71 | 69 | 67 | 58 | 56 | 55 | 45 | 44 | 44 | 38 |
| 2 | 89 | 82 | 76 | 71 | 81 | 75 | 70 | 66 | 63 | 59 | 56 | 51 | 49 | 47 | 41 | 39 | 38 | 33 |
| 3 | 82 | 73 | 66 | 60 | 74 | 67 | 61 | 56 | 56 | 52 | 48 | 46 | 43 | 41 | 37 | 35 | 33 | 29 |
| 4 | 75 | 65 | 57 | 52 | 68 | 60 | 53 | 48 | 50 | 46 | 42 | 42 | 38 | 35 | 33 | 31 | 29 | 25 |
| 5 | 69 | 58 | 51 | 45 | 63 | 54 | 47 | 42 | 45 | 40 | 37 | 38 | 34 | 31 | 30 | 28 | 26 | 23 |
| 6 | 64 | 52 | 45 | 39 | 58 | 49 | 42 | 37 | 41 | 36 | 32 | 34 | 31 | 28 | 28 | 25 | 23 | 20 |
| 7 | 59 | 48 | 40 | 35 | 54 | 44 | 38 | 33 | 38 | 33 | 29 | 32 | 28 | 25 | 26 | 23 | 21 | 18 |
| 8 | 55 | 43 | 36 | 31 | 51 | 40 | 34 | 29 | 35 | 29 | 26 | 29 | 25 | 22 | 24 | 21 | 19 | 17 |
| 9 | 51 | 40 | 33 | 28 | 47 | 37 | 31 | 26 | 32 | 27 | 23 | 27 | 23 | 20 | 22 | 19 | 17 | 15 |
| 10 | 48 | 37 | 30 | 25 | 44 | 34 | 28 | 24 | 29 | 25 | 21 | 25 | 21 | 19 | 21 | 18 | 16 | 14 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 35608 | 35608 | 35608 | 35608 |
| 5° | 39768 | 35832 | 31770 | 35832 |
| 10° | 44124 | 35580 | 27539 | 35580 |
| 15° | 46292 | 35059 | 21698 | 35059 |
| 20° | 40132 | 34287 | 18777 | 34287 |
| 25° | 26320 | 33228 | 16764 | 33228 |
| 30° | 17715 | 31946 | 15172 | 31946 |
| 35° | 14349 | 30328 | 13685 | 30328 |
| 40° | 12760 | 28572 | 12663 | 28572 |
| 45° | 11549 | 26510 | 11303 | 26510 |
| 50° | 10510 | 24465 | 10472 | 24465 |
| 55° | 9880 | 22196 | 9751 | 22196 |
| 60° | 8263 | 20118 | 8167 | 20118 |
| 65° | 6968 | 18269 | 7904 | 18269 |
| 70° | 6439 | 16315 | 7454 | 16315 |
| 75° | 6026 | 14198 | 6881 | 14198 |
| 80° | 5560 | 11688 | 6127 | 11688 |
| 85° | 5113 | 9226 | 5391 | 9226 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 209.1 | 2.4 |
| 10°-20° | 582.5 | 6.6 |
| 20°-30° | 750.7 | 8.6 |
| 30°-40° | 713.4 | 8.1 |
| 40°-50° | 611.1 | 7.0 |
| 50°-60° | 465.4 | 5.3 |
| 60°-70° | 294.2 | 3.4 |
| 70°-80° | 146.9 | 1.7 |
| 80°-90° | 42.4 | 0.5 |
| 90°-100° | 56.4 | 0.6 |
| 100°-110° | 206.8 | 2.4 |
| 110°-120° | 552.8 | 6.3 |
| 120°-130° | 912.5 | 10.4 |
| 130°-140° | 970.4 | 11.1 |
| 140°-150° | 902.0 | 10.3 |
| 150°-160° | 725.2 | 8.3 |
| 160°-170° | 467.3 | 5.3 |
| 170°-180° | 160.9 | 1.8 |
| 0°-30° | 1542.3 | 17.6 |
| 0°-40° | 2255.7 | 25.7 |
| 0°-60° | 3332.1 | 38.0 |
| 0°-90° | 3815.6 | 43.5 |
| 90°-120° | 816.0 | 9.3 |
| 90°-150° | 3600.9 | 41.1 |
| 90°-180° | 4954.0 | 56.5 |
| 0°-180° | 8769.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2205 | 2205 | 2205 | 2205 | 2205 | |
| 5° | 2454 | 2211 | 1960 | 2211 | 2454 | 242 |
| 15° | 2769 | 2097 | 1298 | 2097 | 2769 | 747 |
| 25° | 1477 | 1865 | 941 | 1865 | 1477 | 701 |
| 35° | 728 | 1539 | 694 | 1539 | 728 | 466 |
| 45° | 506 | 1161 | 495 | 1161 | 506 | 391 |
| 55° | 351 | 788 | 346 | 788 | 351 | 308 |
| 65° | 182 | 478 | 207 | 478 | 182 | 186 |
| 75° | 97 | 228 | 110 | 228 | 97 | 102 |
| 85° | 28 | 50 | 29 | 50 | 28 | 30 |
| 90° | 33 | 1 | 33 | 1 | 33 | 16 |
| 95° | 53 | 80 | 53 | 80 | 53 | 49 |
| 105° | 93 | 372 | 93 | 372 | 93 | 97 |
| 115° | 100 | 703 | 100 | 703 | 100 | 251 |
| 125° | 1046 | 994 | 1046 | 994 | 1046 | 905 |
| 135° | 1271 | 1231 | 1271 | 1231 | 1271 | 980 |
| 145° | 1450 | 1428 | 1450 | 1428 | 1450 | 907 |
| 155° | 1573 | 1572 | 1573 | 1572 | 1573 | 726 |
| 165° | 1653 | 1656 | 1653 | 1656 | 1653 | 467 |
| 175° | 1684 | 1694 | 1684 | 1694 | 1684 | 160 |
| 180° | 1690 | 1690 | 1690 | 1690 | 1690 | |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 |
| 2.5° | 2294.9 | 2296.8 | 2298.6 | 2294.3 | 2294.3 | 2290.6 | 2282.7 | 2276.5 | 2259.4 | 2256.9 | 2256.9 |
| 5° | 2453.7 | 2452.2 | 2455.2 | 2445.3 | 2431.5 | 2428.4 | 2413.9 | 2394.7 | 2374.8 | 2352.6 | 2348.0 |
| 7.5° | 2611.6 | 2609.3 | 2603.1 | 2601.5 | 2590.9 | 2567.7 | 2544.3 | 2519.3 | 2486.2 | 2453.9 | 2437.6 |
| 10° | 2691.3 | 2716.6 | 2701.2 | 2674.4 | 2679.8 | 2643.8 | 2624.6 | 2591.7 | 2564.1 | 2515.8 | 2505.1 |
| 12.5° | 2769.7 | 2779.7 | 2774.8 | 2759.6 | 2752.7 | 2727.7 | 2701.8 | 2673.2 | 2622.3 | 2578.9 | 2541.2 |
| 15° | 2769.4 | 2784.0 | 2787.8 | 2783.2 | 2787.1 | 2785.5 | 2771.7 | 2748.0 | 2703.5 | 2656.0 | 2614.6 |
| 17.5° | 2565.0 | 2575.1 | 2600.2 | 2617.2 | 2638.7 | 2684.1 | 2706.4 | 2715.2 | 2708.6 | 2681.5 | 2652.3 |
| 20° | 2335.7 | 2318.8 | 2389.3 | 2425.4 | 2456.0 | 2532.6 | 2598.5 | 2623.8 | 2664.4 | 2663.7 | 2656.0 |
| 22.5° | 2010.8 | 2014.8 | 2081.6 | 2124.4 | 2213.9 | 2290.5 | 2365.6 | 2460.8 | 2539.4 | 2591.3 | 2621.7 |
| 25° | 1477.4 | 1506.6 | 1573.2 | 1631.5 | 1731.1 | 1873.6 | 2003.1 | 2153.3 | 2295.1 | 2407.0 | 2513.5 |
| 27.5° | 1109.6 | 1111.8 | 1164.6 | 1218.4 | 1277.6 | 1394.4 | 1557.4 | 1736.8 | 1938.9 | 2105.7 | 2297.5 |
| 30° | 950.2 | 945.6 | 967.8 | 1000.8 | 1051.4 | 1141.8 | 1264.4 | 1440.7 | 1642.2 | 1893.5 | 2117.3 |
| 32.5° | 837.4 | 837.7 | 854.4 | 878.8 | 920.8 | 981.8 | 1065.8 | 1208.9 | 1399.4 | 1646.5 | 1908.9 |
| 35° | 728.0 | 727.2 | 739.5 | 757.1 | 774.7 | 813.8 | 871.3 | 946.4 | 1077.4 | 1308.1 | 1576.3 |
| 37.5° | 649.5 | 652.9 | 658.9 | 669.9 | 689.4 | 711.1 | 745.6 | 796.0 | 889.4 | 1025.8 | 1251.2 |
| 40° | 605.4 | 606.9 | 615.3 | 624.5 | 636.0 | 652.9 | 681.2 | 721.9 | 790.1 | 898.9 | 1063.6 |
| 42.5° | 564.9 | 566.5 | 572.4 | 581.0 | 590.1 | 606.9 | 630.4 | 665.5 | 720.8 | 805.7 | 941.6 |
| 45° | 505.8 | 505.8 | 511.1 | 515.0 | 524.9 | 540.2 | 559.4 | 588.5 | 626.8 | 689.7 | 780.1 |
| 47.5° | 450.3 | 450.4 | 454.0 | 460.6 | 466.8 | 478.8 | 497.6 | 521.4 | 549.3 | 597.9 | 675.1 |
| 50° | 418.4 | 419.2 | 421.5 | 426.8 | 430.7 | 441.4 | 456.0 | 476.6 | 505.8 | 543.3 | 607.7 |
| 52.5° | 392.7 | 392.2 | 395.1 | 397.4 | 400.0 | 407.7 | 418.6 | 436.8 | 462.8 | 495.5 | 548.8 |
| 55° | 351.0 | 347.9 | 352.5 | 356.3 | 358.6 | 361.7 | 367.8 | 379.3 | 401.5 | 429.1 | 469.0 |
| 57.5° | 298.9 | 297.6 | 300.9 | 304.4 | 311.6 | 319.9 | 325.1 | 332.4 | 343.9 | 363.7 | 403.2 |
| 60° | 255.9 | 255.9 | 262.8 | 265.1 | 273.6 | 284.3 | 295.0 | 301.2 | 312.7 | 325.7 | 354.8 |
| 62.5° | 217.9 | 218.6 | 221.8 | 224.1 | 228.8 | 242.0 | 257.0 | 270.5 | 281.4 | 293.8 | 313.1 |
| 65° | 182.4 | 183.9 | 183.9 | 185.4 | 188.5 | 191.6 | 197.7 | 208.4 | 227.6 | 245.2 | 259.8 |
| 67.5° | 154.8 | 155.3 | 155.7 | 157.2 | 158.0 | 161.4 | 163.8 | 168.6 | 173.0 | 189.7 | 207.8 |
| 70° | 136.4 | 138.7 | 137.9 | 139.5 | 140.2 | 141.8 | 144.8 | 147.1 | 154.0 | 157.9 | 168.6 |
| 72.5° | 119.2 | 120.9 | 120.8 | 121.7 | 123.7 | 124.0 | 126.4 | 128.7 | 133.2 | 136.4 | 142.2 |
| 75° | 96.6 | 95.8 | 96.6 | 98.1 | 98.9 | 99.6 | 99.6 | 102.7 | 105.0 | 108.0 | 111.9 |
| 77.5° | 74.5 | 75.3 | 75.1 | 75.3 | 75.4 | 76.8 | 76.6 | 78.0 | 80.3 | 81.8 | 83.7 |
| 80° | 59.8 | 60.5 | 59.8 | 60.5 | 61.3 | 62.1 | 61.3 | 62.1 | 64.4 | 65.9 | 65.9 |
| 82.5° | 46.3 | 46.4 | 46.9 | 47.1 | 47.2 | 47.4 | 48.4 | 48.6 | 50.3 | 50.0 | 50.6 |
| 85° | 27.6 | 26.8 | 26.8 | 26.8 | 27.6 | 28.4 | 27.6 | 27.6 | 28.4 | 28.4 | 28.4 |
| 87.5° | 16.4 | 16.9 | 16.8 | 16.7 | 16.6 | 16.4 | 16.1 | 16.5 | 15.6 | 15.9 | 14.9 |
| 90° | 33.0 | 32.5 | 31.9 | 31.4 | 30.9 | 29.9 | 28.5 | 27.2 | 25.8 | 24.5 | 22.3 |
| 92.5° | 33.0 | 32.7 | 32.4 | 32.0 | 31.7 | 31.2 | 30.5 | 29.8 | 29.1 | 28.4 | 27.3 |
| 95° | 52.6 | 52.9 | 53.1 | 53.4 | 53.7 | 53.1 | 51.8 | 50.4 | 49.1 | 47.7 | 45.8 |
| 97.5° | 70.2 | 69.9 | 69.6 | 69.2 | 68.9 | 68.2 | 67.1 | 66.0 | 64.9 | 63.9 | 59.5 |
| 100° | 82.0 | 81.4 | 80.9 | 80.3 | 79.8 | 78.4 | 76.2 | 74.1 | 71.9 | 69.7 | 65.1 |
| 102.5° | 87.8 | 87.1 | 86.3 | 85.5 | 84.8 | 83.0 | 80.2 | 77.3 | 74.5 | 71.7 | 110.3 |
| 105° | 93.0 | 91.9 | 90.8 | 89.7 | 88.6 | 86.6 | 83.6 | 80.6 | 77.6 | 74.6 | 148.8 |
| 107.5° | 95.7 | 94.6 | 93.5 | 92.4 | 91.3 | 92.3 | 95.3 | 98.4 | 101.4 | 104.5 | 193.5 |
| 110° | 96.6 | 95.6 | 94.5 | 93.4 | 92.3 | 105.3 | 132.5 | 159.7 | 186.9 | 214.1 | 292.6 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 97.6 | 96.7 | 95.9 | 95.0 | 94.1 | 143.3 | 242.5 | 341.6 | 440.8 | 539.9 | 559.4 |
| 115° | 100.3 | 119.9 | 139.5 | 159.0 | 178.6 | 251.3 | 377.2 | 503.0 | 628.9 | 754.8 | 748.0 |
| 117.5° | 409.5 | 473.9 | 538.2 | 602.5 | 666.8 | 714.2 | 744.6 | 775.1 | 805.5 | 836.0 | 831.3 |
| 120° | 746.2 | 782.9 | 819.6 | 856.3 | 893.0 | 909.7 | 906.4 | 903.2 | 899.9 | 896.6 | 891.8 |
| 122.5° | 931.1 | 938.3 | 945.4 | 952.5 | 959.6 | 962.2 | 960.3 | 958.3 | 956.3 | 954.4 | 949.1 |
| 125° | 1045.9 | 1045.1 | 1044.3 | 1043.4 | 1042.6 | 1041.3 | 1039.4 | 1037.5 | 1035.6 | 1033.7 | 1028.5 |
| 127.5° | 1118.3 | 1118.1 | 1118.0 | 1117.8 | 1117.7 | 1116.2 | 1113.4 | 1110.6 | 1107.9 | 1105.1 | 1101.2 |
| 130° | 1163.3 | 1163.6 | 1163.9 | 1164.1 | 1164.4 | 1163.0 | 1160.1 | 1157.1 | 1154.1 | 1151.1 | 1148.1 |
| 132.5° | 1207.4 | 1207.6 | 1207.9 | 1208.2 | 1208.4 | 1207.3 | 1204.7 | 1202.2 | 1199.6 | 1197.1 | 1194.1 |
| 135° | 1271.0 | 1271.5 | 1272.1 | 1272.6 | 1273.1 | 1272.1 | 1269.3 | 1266.6 | 1263.9 | 1261.2 | 1258.7 |
| 137.5° | 1328.9 | 1329.9 | 1330.8 | 1331.7 | 1332.6 | 1331.8 | 1329.1 | 1326.4 | 1323.8 | 1321.1 | 1318.3 |
| 140° | 1365.2 | 1366.5 | 1367.9 | 1369.2 | 1370.6 | 1370.1 | 1367.6 | 1365.2 | 1362.7 | 1360.3 | 1357.3 |
| 142.5° | 1400.4 | 1401.7 | 1403.1 | 1404.5 | 1405.8 | 1405.4 | 1403.2 | 1400.9 | 1398.7 | 1396.5 | 1393.0 |
| 145° | 1449.6 | 1450.9 | 1452.3 | 1453.6 | 1455.0 | 1454.7 | 1452.8 | 1450.9 | 1449.0 | 1447.1 | 1442.5 |
| 147.5° | 1492.9 | 1494.0 | 1495.1 | 1496.3 | 1497.4 | 1497.3 | 1495.9 | 1494.5 | 1493.1 | 1491.6 | 1487.1 |
| 150° | 1519.3 | 1520.6 | 1522.0 | 1523.4 | 1524.7 | 1524.6 | 1523.0 | 1521.3 | 1519.7 | 1518.1 | 1513.7 |
| 152.5° | 1541.8 | 1543.6 | 1545.4 | 1547.2 | 1549.0 | 1549.1 | 1547.4 | 1545.8 | 1544.2 | 1542.5 | 1538.4 |
| 155° | 1573.1 | 1575.3 | 1577.5 | 1579.6 | 1581.8 | 1582.1 | 1580.5 | 1578.8 | 1577.2 | 1575.6 | 1572.3 |
| 157.5° | 1601.7 | 1603.9 | 1606.0 | 1608.1 | 1610.2 | 1610.4 | 1608.5 | 1606.7 | 1604.8 | 1603.0 | 1600.7 |
| 160° | 1618.4 | 1620.3 | 1622.2 | 1624.1 | 1626.0 | 1626.1 | 1624.5 | 1622.9 | 1621.2 | 1619.6 | 1618.0 |
| 162.5° | 1632.1 | 1634.4 | 1636.7 | 1639.1 | 1641.4 | 1641.7 | 1639.8 | 1638.0 | 1636.1 | 1634.3 | 1632.9 |
| 165° | 1652.6 | 1654.5 | 1656.4 | 1658.3 | 1660.2 | 1660.2 | 1658.3 | 1656.4 | 1654.5 | 1652.6 | 1651.8 |
| 167.5° | 1665.6 | 1668.0 | 1670.5 | 1672.9 | 1675.4 | 1675.6 | 1673.7 | 1671.8 | 1669.9 | 1668.0 | 1667.3 |
| 170° | 1673.4 | 1675.9 | 1678.3 | 1680.8 | 1683.2 | 1683.5 | 1681.6 | 1679.7 | 1677.8 | 1675.9 | 1675.3 |
| 172.5° | 1679.3 | 1681.7 | 1684.2 | 1686.6 | 1689.1 | 1689.3 | 1687.4 | 1685.5 | 1683.6 | 1681.7 | 1681.2 |
| 175° | 1684.4 | 1687.1 | 1689.9 | 1692.6 | 1695.3 | 1695.7 | 1693.8 | 1691.9 | 1690.0 | 1688.1 | 1687.6 |
| 177.5° | 1687.6 | 1689.6 | 1691.5 | 1693.5 | 1695.4 | 1695.7 | 1694.1 | 1692.6 | 1691.1 | 1689.6 | 1689.3 |
| 180° | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 |
| 2.5° | 2258.2 | 2253.2 | 2249.0 | 2237.9 | 2232.4 | 2220.1 | 2218.3 | 2217.7 | 2201.8 | 2186.4 | 2182.1 |
| 5° | 2335.7 | 2323.4 | 2305.1 | 2283.6 | 2261.4 | 2238.4 | 2223.1 | 2210.8 | 2180.1 | 2151.0 | 2134.2 |
| 7.5° | 2413.9 | 2387.5 | 2355.8 | 2315.2 | 2281.3 | 2243.3 | 2215.1 | 2189.8 | 2146.3 | 2104.6 | 2076.5 |
| 10° | 2472.1 | 2429.2 | 2387.0 | 2331.1 | 2287.4 | 2244.5 | 2204.7 | 2170.2 | 2121.1 | 2066.0 | 2026.9 |
| 12.5° | 2508.3 | 2461.1 | 2403.0 | 2348.3 | 2291.7 | 2237.2 | 2183.8 | 2139.5 | 2081.9 | 2024.9 | 1978.5 |
| 15° | 2557.2 | 2506.6 | 2436.1 | 2357.9 | 2285.1 | 2213.9 | 2152.6 | 2097.4 | 2022.3 | 1954.1 | 1897.4 |
| 17.5° | 2597.2 | 2527.6 | 2451.9 | 2361.5 | 2277.2 | 2186.6 | 2107.7 | 2037.2 | 1953.6 | 1871.3 | 1804.5 |
| 20° | 2610.0 | 2541.1 | 2453.7 | 2363.3 | 2263.7 | 2157.2 | 2072.1 | 1995.5 | 1905.8 | 1816.1 | 1739.5 |
| 22.5° | 2602.1 | 2548.4 | 2451.3 | 2343.1 | 2241.0 | 2129.6 | 2033.5 | 1944.6 | 1845.1 | 1753.6 | 1664.7 |
| 25° | 2548.0 | 2529.6 | 2437.6 | 2319.6 | 2203.1 | 2073.6 | 1962.5 | 1865.2 | 1751.8 | 1653.7 | 1557.1 |
| 27.5° | 2421.8 | 2461.5 | 2404.5 | 2278.8 | 2149.3 | 2010.5 | 1885.6 | 1774.8 | 1657.1 | 1546.7 | 1450.5 |
| 30° | 2300.5 | 2391.6 | 2367.1 | 2250.6 | 2105.8 | 1969.4 | 1829.2 | 1713.5 | 1587.8 | 1474.4 | 1379.4 |
| 32.5° | 2134.3 | 2285.0 | 2308.9 | 2211.4 | 2061.7 | 1911.8 | 1764.8 | 1649.7 | 1518.5 | 1399.0 | 1306.4 |
| 35° | 1869.8 | 2095.1 | 2198.5 | 2136.5 | 1986.3 | 1824.6 | 1672.8 | 1538.7 | 1406.9 | 1288.9 | 1197.0 |
| 37.5° | 1554.2 | 1861.1 | 2033.5 | 2037.9 | 1900.0 | 1731.9 | 1566.6 | 1433.5 | 1298.6 | 1182.7 | 1083.3 |
| 40° | 1349.5 | 1682.0 | 1906.6 | 1956.4 | 1839.9 | 1658.3 | 1491.2 | 1355.6 | 1223.8 | 1110.4 | 996.2 |
| 42.5° | 1165.6 | 1496.9 | 1772.9 | 1859.5 | 1767.0 | 1586.6 | 1418.9 | 1277.1 | 1149.0 | 1041.7 | 925.1 |
| 45° | 942.6 | 1232.2 | 1536.4 | 1691.2 | 1639.9 | 1472.8 | 1295.8 | 1161.0 | 1040.6 | 947.9 | 836.0 |
| 47.5° | 795.1 | 999.3 | 1293.7 | 1503.0 | 1502.1 | 1349.6 | 1175.5 | 1046.3 | 934.7 | 847.8 | 757.3 |
| 50° | 711.1 | 888.9 | 1138.0 | 1375.5 | 1395.4 | 1267.5 | 1101.9 | 974.0 | 869.8 | 778.6 | 705.8 |
| 52.5° | 635.7 | 782.2 | 1006.2 | 1233.9 | 1290.6 | 1179.8 | 1019.2 | 901.0 | 799.9 | 716.0 | 653.7 |
| 55° | 537.2 | 650.6 | 820.7 | 1033.7 | 1119.6 | 1041.4 | 898.9 | 788.5 | 706.5 | 636.0 | 582.4 |
| 57.5° | 454.4 | 539.5 | 676.0 | 847.5 | 947.5 | 898.3 | 780.7 | 691.1 | 620.9 | 557.1 | 514.8 |
| 60° | 402.3 | 472.0 | 587.8 | 731.1 | 841.4 | 806.9 | 706.5 | 623.0 | 563.2 | 508.1 | 468.2 |
| 62.5° | 353.3 | 413.2 | 512.4 | 628.7 | 729.8 | 715.6 | 633.6 | 563.5 | 511.1 | 460.9 | 427.1 |
| 65° | 284.3 | 328.0 | 405.4 | 496.6 | 577.8 | 584.7 | 525.7 | 478.2 | 431.4 | 391.6 | 361.7 |
| 67.5° | 226.4 | 254.9 | 309.4 | 386.2 | 447.1 | 468.8 | 432.8 | 396.5 | 359.4 | 328.6 | 302.7 |
| 70° | 190.8 | 213.8 | 253.6 | 315.7 | 371.7 | 394.6 | 374.0 | 345.6 | 313.4 | 288.1 | 265.9 |
| 72.5° | 154.6 | 177.0 | 206.4 | 252.0 | 299.9 | 324.8 | 317.6 | 297.2 | 271.1 | 250.1 | 229.1 |
| 75° | 116.5 | 123.4 | 143.3 | 174.0 | 211.5 | 233.0 | 238.3 | 227.6 | 206.9 | 190.8 | 178.5 |
| 77.5° | 86.1 | 90.3 | 99.8 | 115.9 | 140.4 | 159.5 | 167.4 | 166.1 | 151.9 | 142.5 | 131.0 |
| 80° | 69.0 | 71.3 | 75.9 | 82.8 | 101.2 | 120.3 | 125.7 | 125.7 | 115.7 | 111.9 | 100.4 |
| 82.5° | 52.4 | 54.1 | 56.9 | 60.7 | 69.3 | 86.0 | 92.0 | 93.2 | 86.9 | 81.8 | 72.8 |
| 85° | 29.9 | 29.1 | 30.7 | 33.0 | 34.5 | 39.1 | 48.3 | 49.8 | 48.3 | 42.1 | 39.8 |
| 87.5° | 14.4 | 14.6 | 14.2 | 13.1 | 13.1 | 13.1 | 15.6 | 18.0 | 16.2 | 14.9 | 14.3 |
| 90° | 20.1 | 17.9 | 15.8 | 13.2 | 10.2 | 7.2 | 4.2 | 1.2 | 4.2 | 7.2 | 10.2 |
| 92.5° | 26.2 | 25.1 | 24.0 | 23.6 | 23.9 | 24.2 | 24.4 | 24.7 | 24.4 | 24.2 | 23.9 |
| 95° | 43.9 | 42.0 | 40.1 | 43.6 | 52.6 | 61.6 | 70.5 | 79.5 | 70.5 | 61.6 | 52.6 |
| 97.5° | 55.0 | 50.6 | 46.2 | 56.7 | 82.0 | 107.2 | 132.5 | 157.8 | 132.5 | 107.2 | 82.0 |
| 100° | 60.5 | 55.9 | 51.2 | 67.6 | 104.8 | 142.0 | 179.3 | 216.5 | 179.3 | 142.0 | 104.8 |
| 102.5° | 149.0 | 187.6 | 226.3 | 249.6 | 257.5 | 265.3 | 273.2 | 281.1 | 273.2 | 265.3 | 257.5 |
| 105° | 223.0 | 297.3 | 371.5 | 404.5 | 396.3 | 388.2 | 380.0 | 371.9 | 380.0 | 388.2 | 396.3 |
| 107.5° | 282.5 | 371.5 | 460.5 | 501.7 | 495.1 | 488.5 | 481.9 | 475.4 | 481.9 | 488.5 | 495.1 |
| 110° | 371.2 | 449.8 | 528.3 | 564.7 | 559.0 | 553.3 | 547.6 | 541.9 | 547.6 | 553.3 | 559.0 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 578.8 | 598.2 | 617.6 | 624.8 | 619.7 | 614.6 | 609.6 | 604.5 | 609.6 | 614.6 | 619.7 |
| 115° | 741.2 | 734.4 | 727.6 | 721.9 | 717.2 | 712.6 | 708.0 | 703.4 | 708.0 | 712.6 | 717.2 |
| 117.5° | 826.6 | 821.9 | 817.3 | 812.4 | 807.2 | 802.0 | 796.9 | 791.7 | 796.9 | 802.0 | 807.2 |
| 120° | 886.9 | 882.0 | 877.1 | 872.6 | 868.5 | 864.4 | 860.4 | 856.3 | 860.4 | 864.4 | 868.5 |
| 122.5° | 943.7 | 938.4 | 933.1 | 928.3 | 924.0 | 919.7 | 915.4 | 911.1 | 915.4 | 919.7 | 924.0 |
| 125° | 1023.3 | 1018.2 | 1013.0 | 1008.6 | 1005.1 | 1001.6 | 998.0 | 994.5 | 998.0 | 1001.6 | 1005.1 |
| 127.5° | 1097.4 | 1093.5 | 1089.7 | 1085.8 | 1081.9 | 1077.9 | 1074.0 | 1070.1 | 1074.0 | 1077.9 | 1081.9 |
| 130° | 1145.1 | 1142.1 | 1139.1 | 1135.5 | 1131.1 | 1126.8 | 1122.4 | 1118.1 | 1122.4 | 1126.8 | 1131.1 |
| 132.5° | 1191.1 | 1188.1 | 1185.1 | 1181.8 | 1178.1 | 1174.4 | 1170.7 | 1167.0 | 1170.7 | 1174.4 | 1178.1 |
| 135° | 1256.3 | 1253.8 | 1251.4 | 1248.0 | 1243.6 | 1239.3 | 1234.9 | 1230.6 | 1234.9 | 1239.3 | 1243.6 |
| 137.5° | 1315.6 | 1312.8 | 1310.0 | 1307.1 | 1304.1 | 1301.0 | 1298.0 | 1294.9 | 1298.0 | 1301.0 | 1304.1 |
| 140° | 1354.3 | 1351.3 | 1348.3 | 1345.7 | 1343.5 | 1341.4 | 1339.2 | 1337.0 | 1339.2 | 1341.4 | 1343.5 |
| 142.5° | 1389.6 | 1386.2 | 1382.8 | 1380.1 | 1378.1 | 1376.2 | 1374.2 | 1372.3 | 1374.2 | 1376.2 | 1378.1 |
| 145° | 1437.9 | 1433.3 | 1428.6 | 1426.5 | 1426.7 | 1427.0 | 1427.3 | 1427.5 | 1427.3 | 1427.0 | 1426.7 |
| 147.5° | 1482.5 | 1477.9 | 1473.4 | 1471.6 | 1472.6 | 1473.7 | 1474.7 | 1475.7 | 1474.7 | 1473.7 | 1472.6 |
| 150° | 1509.4 | 1505.0 | 1500.7 | 1499.4 | 1501.3 | 1503.3 | 1505.2 | 1507.1 | 1505.2 | 1503.3 | 1501.3 |
| 152.5° | 1534.3 | 1530.1 | 1526.0 | 1525.0 | 1527.1 | 1529.2 | 1531.4 | 1533.5 | 1531.4 | 1529.2 | 1527.1 |
| 155° | 1569.0 | 1565.8 | 1562.5 | 1562.1 | 1564.5 | 1567.0 | 1569.4 | 1571.9 | 1569.4 | 1567.0 | 1564.5 |
| 157.5° | 1598.4 | 1596.1 | 1593.8 | 1593.7 | 1595.8 | 1597.8 | 1599.9 | 1602.0 | 1599.9 | 1597.8 | 1595.8 |
| 160° | 1616.3 | 1614.7 | 1613.1 | 1613.1 | 1614.7 | 1616.3 | 1618.0 | 1619.6 | 1618.0 | 1616.3 | 1614.7 |
| 162.5° | 1631.4 | 1630.0 | 1628.6 | 1628.7 | 1630.4 | 1632.0 | 1633.6 | 1635.3 | 1633.6 | 1632.0 | 1630.4 |
| 165° | 1651.0 | 1650.2 | 1649.4 | 1649.8 | 1651.4 | 1653.0 | 1654.7 | 1656.3 | 1654.7 | 1653.0 | 1651.4 |
| 167.5° | 1666.5 | 1665.8 | 1665.0 | 1665.4 | 1667.1 | 1668.7 | 1670.3 | 1672.0 | 1670.3 | 1668.7 | 1667.1 |
| 170° | 1674.8 | 1674.2 | 1673.7 | 1674.2 | 1675.9 | 1677.5 | 1679.1 | 1680.8 | 1679.1 | 1677.5 | 1675.9 |
| 172.5° | 1680.6 | 1680.1 | 1679.6 | 1680.1 | 1681.7 | 1683.4 | 1685.0 | 1686.6 | 1685.0 | 1683.4 | 1681.7 |
| 175° | 1687.0 | 1686.5 | 1685.9 | 1686.6 | 1688.5 | 1690.4 | 1692.3 | 1694.2 | 1692.3 | 1690.4 | 1688.5 |
| 177.5° | 1689.1 | 1688.9 | 1688.7 | 1689.3 | 1690.9 | 1692.4 | 1693.9 | 1695.4 | 1693.9 | 1692.4 | 1690.9 |
| 180° | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 |
| 2.5° | 2174.2 | 2169.9 | 2161.9 | 2149.6 | 2142.3 | 2129.4 | 2120.8 | 2125.7 | 2127.0 | 2125.7 | 2124.5 |
| 5° | 2115.8 | 2099.7 | 2077.5 | 2056.0 | 2036.1 | 2014.6 | 2002.4 | 1997.0 | 1986.3 | 1980.1 | 1977.1 |
| 7.5° | 2045.1 | 2017.4 | 1986.0 | 1948.6 | 1916.8 | 1883.6 | 1866.6 | 1858.1 | 1836.2 | 1824.3 | 1813.8 |
| 10° | 1992.4 | 1948.7 | 1917.3 | 1868.3 | 1838.4 | 1794.7 | 1764.8 | 1765.6 | 1735.7 | 1718.8 | 1706.6 |
| 12.5° | 1934.2 | 1886.2 | 1833.9 | 1789.8 | 1748.3 | 1713.2 | 1677.1 | 1662.6 | 1630.9 | 1614.6 | 1581.5 |
| 15° | 1837.6 | 1781.7 | 1726.5 | 1666.7 | 1624.6 | 1570.2 | 1518.1 | 1454.5 | 1403.1 | 1358.7 | 1346.4 |
| 17.5° | 1732.2 | 1662.9 | 1607.6 | 1537.4 | 1465.2 | 1373.7 | 1313.3 | 1276.4 | 1245.4 | 1222.0 | 1204.5 |
| 20° | 1659.8 | 1589.3 | 1530.3 | 1424.6 | 1327.2 | 1265.2 | 1220.7 | 1192.4 | 1160.2 | 1134.9 | 1121.1 |
| 22.5° | 1583.8 | 1510.2 | 1429.8 | 1311.8 | 1235.9 | 1186.1 | 1146.5 | 1113.9 | 1092.1 | 1072.4 | 1059.8 |
| 25° | 1475.9 | 1395.4 | 1262.9 | 1181.6 | 1120.3 | 1068.2 | 1040.6 | 1020.7 | 997.7 | 970.9 | 958.7 |
| 27.5° | 1361.9 | 1233.9 | 1138.7 | 1078.3 | 1019.8 | 985.9 | 961.1 | 931.4 | 910.8 | 898.7 | 886.0 |
| 30° | 1276.7 | 1148.7 | 1074.4 | 1008.5 | 967.1 | 929.5 | 900.4 | 883.6 | 863.6 | 842.9 | 834.5 |
| 32.5° | 1181.6 | 1079.4 | 1008.2 | 953.3 | 911.3 | 879.3 | 856.3 | 829.0 | 814.6 | 801.9 | 784.2 |
| 35° | 1063.6 | 986.2 | 921.1 | 876.7 | 836.8 | 810.8 | 783.9 | 767.8 | 741.8 | 731.1 | 724.2 |
| 37.5° | 963.7 | 896.6 | 848.0 | 801.1 | 769.5 | 740.7 | 724.3 | 698.7 | 687.4 | 672.5 | 658.0 |
| 40° | 907.3 | 841.4 | 794.7 | 756.3 | 721.1 | 699.6 | 678.9 | 658.3 | 641.4 | 634.5 | 616.9 |
| 42.5° | 849.7 | 796.0 | 749.3 | 707.3 | 683.7 | 661.0 | 634.8 | 619.6 | 602.2 | 591.0 | 580.1 |
| 45° | 770.1 | 722.6 | 682.8 | 648.3 | 622.2 | 598.5 | 581.6 | 556.3 | 546.4 | 524.2 | 515.0 |
| 47.5° | 700.3 | 656.1 | 618.1 | 585.3 | 559.9 | 544.4 | 519.7 | 499.9 | 484.0 | 470.4 | 458.6 |
| 50° | 650.6 | 613.8 | 577.0 | 547.9 | 524.9 | 502.7 | 477.4 | 467.4 | 442.9 | 436.0 | 429.1 |
| 52.5° | 605.2 | 570.3 | 536.6 | 508.1 | 485.1 | 463.5 | 441.2 | 428.2 | 411.7 | 404.8 | 399.7 |
| 55° | 541.8 | 508.1 | 475.9 | 450.6 | 427.6 | 405.4 | 391.6 | 375.5 | 367.8 | 362.5 | 356.3 |
| 57.5° | 478.0 | 447.7 | 423.0 | 397.4 | 374.3 | 356.6 | 340.7 | 331.0 | 323.1 | 316.0 | 308.7 |
| 60° | 437.6 | 408.4 | 386.2 | 362.5 | 338.7 | 324.1 | 311.9 | 300.4 | 291.2 | 280.5 | 277.4 |
| 62.5° | 394.6 | 369.2 | 348.8 | 325.7 | 305.0 | 291.7 | 280.0 | 269.1 | 258.1 | 242.5 | 238.2 |
| 65° | 335.6 | 315.7 | 294.3 | 275.1 | 256.7 | 243.7 | 226.8 | 214.6 | 210.0 | 208.4 | 207.7 |
| 67.5° | 282.3 | 263.5 | 245.1 | 225.4 | 208.7 | 196.6 | 188.1 | 186.2 | 183.0 | 182.1 | 179.9 |
| 70° | 246.8 | 229.1 | 210.7 | 192.3 | 176.3 | 174.0 | 170.9 | 167.8 | 164.0 | 162.5 | 160.9 |
| 72.5° | 214.9 | 196.6 | 178.2 | 163.5 | 156.6 | 153.7 | 150.7 | 147.6 | 145.0 | 143.5 | 142.5 |
| 75° | 164.8 | 147.9 | 135.6 | 130.3 | 126.4 | 124.1 | 119.5 | 117.2 | 115.7 | 113.4 | 112.6 |
| 77.5° | 118.6 | 109.1 | 103.5 | 100.1 | 96.1 | 93.6 | 91.0 | 88.7 | 87.1 | 86.6 | 85.4 |
| 80° | 90.4 | 85.8 | 82.0 | 77.4 | 75.9 | 72.8 | 72.0 | 69.7 | 70.5 | 68.2 | 68.2 |
| 82.5° | 70.2 | 64.4 | 61.2 | 59.0 | 57.5 | 55.0 | 54.3 | 53.2 | 53.3 | 51.6 | 51.6 |
| 85° | 36.0 | 34.5 | 33.0 | 31.4 | 31.4 | 29.1 | 29.9 | 29.1 | 29.1 | 27.6 | 26.8 |
| 87.5° | 14.3 | 14.2 | 13.4 | 13.8 | 14.3 | 14.1 | 14.4 | 14.0 | 14.3 | 14.6 | 14.1 |
| 90° | 13.2 | 15.8 | 17.9 | 20.1 | 22.3 | 24.5 | 25.8 | 27.2 | 28.5 | 29.9 | 30.9 |
| 92.5° | 23.6 | 24.0 | 25.1 | 26.2 | 27.3 | 28.4 | 29.1 | 29.8 | 30.5 | 31.2 | 31.7 |
| 95° | 43.6 | 40.1 | 42.0 | 43.9 | 45.8 | 47.7 | 49.1 | 50.4 | 51.8 | 53.1 | 53.7 |
| 97.5° | 56.7 | 46.2 | 50.6 | 55.0 | 59.5 | 63.9 | 64.9 | 66.0 | 67.1 | 68.2 | 68.9 |
| 100° | 67.6 | 51.2 | 55.9 | 60.5 | 65.1 | 69.7 | 71.9 | 74.1 | 76.2 | 78.4 | 79.8 |
| 102.5° | 249.6 | 226.3 | 187.6 | 149.0 | 110.3 | 71.7 | 74.5 | 77.3 | 80.2 | 83.0 | 84.8 |
| 105° | 404.5 | 371.5 | 297.3 | 223.0 | 148.8 | 74.6 | 77.6 | 80.6 | 83.6 | 86.6 | 88.6 |
| 107.5° | 501.7 | 460.5 | 371.5 | 282.5 | 193.5 | 104.5 | 101.4 | 98.4 | 95.3 | 92.3 | 91.3 |
| 110° | 564.7 | 528.3 | 449.8 | 371.2 | 292.6 | 214.1 | 186.9 | 159.7 | 132.5 | 105.3 | 92.3 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 624.8 | 617.6 | 598.2 | 578.8 | 559.4 | 539.9 | 440.8 | 341.6 | 242.5 | 143.3 | 94.1 |
| 115° | 721.9 | 727.6 | 734.4 | 741.2 | 748.0 | 754.8 | 628.9 | 503.0 | 377.2 | 251.3 | 178.6 |
| 117.5° | 812.4 | 817.3 | 821.9 | 826.6 | 831.3 | 836.0 | 805.5 | 775.1 | 744.6 | 714.2 | 666.8 |
| 120° | 872.6 | 877.1 | 882.0 | 886.9 | 891.8 | 896.6 | 899.9 | 903.2 | 906.4 | 909.7 | 893.0 |
| 122.5° | 928.3 | 933.1 | 938.4 | 943.7 | 949.1 | 954.4 | 956.3 | 958.3 | 960.3 | 962.2 | 959.6 |
| 125° | 1008.6 | 1013.0 | 1018.2 | 1023.3 | 1028.5 | 1033.7 | 1035.6 | 1037.5 | 1039.4 | 1041.3 | 1042.6 |
| 127.5° | 1085.8 | 1089.7 | 1093.5 | 1097.4 | 1101.2 | 1105.1 | 1107.9 | 1110.6 | 1113.4 | 1116.2 | 1117.7 |
| 130° | 1135.5 | 1139.1 | 1142.1 | 1145.1 | 1148.1 | 1151.1 | 1154.1 | 1157.1 | 1160.1 | 1163.0 | 1164.4 |
| 132.5° | 1181.8 | 1185.1 | 1188.1 | 1191.1 | 1194.1 | 1197.1 | 1199.6 | 1202.2 | 1204.7 | 1207.3 | 1208.4 |
| 135° | 1248.0 | 1251.4 | 1253.8 | 1256.3 | 1258.7 | 1261.2 | 1263.9 | 1266.6 | 1269.3 | 1272.1 | 1273.1 |
| 137.5° | 1307.1 | 1310.0 | 1312.8 | 1315.6 | 1318.3 | 1321.1 | 1323.8 | 1326.4 | 1329.1 | 1331.8 | 1332.6 |
| 140° | 1345.7 | 1348.3 | 1351.3 | 1354.3 | 1357.3 | 1360.3 | 1362.7 | 1365.2 | 1367.6 | 1370.1 | 1370.6 |
| 142.5° | 1380.1 | 1382.8 | 1386.2 | 1389.6 | 1393.0 | 1396.5 | 1398.7 | 1400.9 | 1403.2 | 1405.4 | 1405.8 |
| 145° | 1426.5 | 1428.6 | 1433.3 | 1437.9 | 1442.5 | 1447.1 | 1449.0 | 1450.9 | 1452.8 | 1454.7 | 1455.0 |
| 147.5° | 1471.6 | 1473.4 | 1477.9 | 1482.5 | 1487.1 | 1491.6 | 1493.1 | 1494.5 | 1495.9 | 1497.3 | 1497.4 |
| 150° | 1499.4 | 1500.7 | 1505.0 | 1509.4 | 1513.7 | 1518.1 | 1519.7 | 1521.3 | 1523.0 | 1524.6 | 1524.7 |
| 152.5° | 1525.0 | 1526.0 | 1530.1 | 1534.3 | 1538.4 | 1542.5 | 1544.2 | 1545.8 | 1547.4 | 1549.1 | 1549.0 |
| 155° | 1562.1 | 1562.5 | 1565.8 | 1569.0 | 1572.3 | 1575.6 | 1577.2 | 1578.8 | 1580.5 | 1582.1 | 1581.8 |
| 157.5° | 1593.7 | 1593.8 | 1596.1 | 1598.4 | 1600.7 | 1603.0 | 1604.8 | 1606.7 | 1608.5 | 1610.4 | 1610.2 |
| 160° | 1613.1 | 1613.1 | 1614.7 | 1616.3 | 1618.0 | 1619.6 | 1621.2 | 1622.9 | 1624.5 | 1626.1 | 1626.0 |
| 162.5° | 1628.7 | 1628.6 | 1630.0 | 1631.4 | 1632.9 | 1634.3 | 1636.1 | 1638.0 | 1639.8 | 1641.7 | 1641.4 |
| 165° | 1649.8 | 1649.4 | 1650.2 | 1651.0 | 1651.8 | 1652.6 | 1654.5 | 1656.4 | 1658.3 | 1660.2 | 1660.2 |
| 167.5° | 1665.4 | 1665.0 | 1665.8 | 1666.5 | 1667.3 | 1668.0 | 1669.9 | 1671.8 | 1673.7 | 1675.6 | 1675.4 |
| 170° | 1674.2 | 1673.7 | 1674.2 | 1674.8 | 1675.3 | 1675.9 | 1677.8 | 1679.7 | 1681.6 | 1683.5 | 1683.2 |
| 172.5° | 1680.1 | 1679.6 | 1680.1 | 1680.6 | 1681.2 | 1681.7 | 1683.6 | 1685.5 | 1687.4 | 1689.3 | 1689.1 |
| 175° | 1686.6 | 1685.9 | 1686.5 | 1687.0 | 1687.6 | 1688.1 | 1690.0 | 1691.9 | 1693.8 | 1695.7 | 1695.3 |
| 177.5° | 1689.3 | 1688.7 | 1688.9 | 1689.1 | 1689.3 | 1689.6 | 1691.1 | 1692.6 | 1694.1 | 1695.7 | 1695.4 |
| 180° | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 |
| 2.5° | 2117.8 | 2119.0 | 2117.2 | 2118.4 | 2117.2 | 2119.0 | 2117.8 | 2124.5 | 2125.7 | 2127.0 | 2125.7 |
| 5° | 1973.2 | 1964.0 | 1962.5 | 1960.2 | 1962.5 | 1964.0 | 1973.2 | 1977.1 | 1980.1 | 1986.3 | 1997.0 |
| 7.5° | 1800.7 | 1799.3 | 1795.5 | 1790.1 | 1795.5 | 1799.3 | 1800.7 | 1813.8 | 1824.3 | 1836.2 | 1858.1 |
| 10° | 1689.7 | 1685.9 | 1685.1 | 1679.7 | 1685.1 | 1685.9 | 1689.7 | 1706.6 | 1718.8 | 1735.7 | 1765.6 |
| 12.5° | 1559.7 | 1535.1 | 1532.5 | 1519.1 | 1532.5 | 1535.1 | 1559.7 | 1581.5 | 1614.6 | 1630.9 | 1662.6 |
| 15° | 1328.0 | 1323.4 | 1308.1 | 1298.1 | 1308.1 | 1323.4 | 1328.0 | 1346.4 | 1358.7 | 1403.1 | 1454.5 |
| 17.5° | 1195.6 | 1180.6 | 1175.8 | 1173.7 | 1175.8 | 1180.6 | 1195.6 | 1204.5 | 1222.0 | 1245.4 | 1276.4 |
| 20° | 1110.4 | 1096.6 | 1094.3 | 1092.8 | 1094.3 | 1096.6 | 1110.4 | 1121.1 | 1134.9 | 1160.2 | 1192.4 |
| 22.5° | 1051.5 | 1037.1 | 1031.1 | 1026.5 | 1031.1 | 1037.1 | 1051.5 | 1059.8 | 1072.4 | 1092.1 | 1113.9 |
| 25° | 951.0 | 945.6 | 942.6 | 941.0 | 942.6 | 945.6 | 951.0 | 958.7 | 970.9 | 997.7 | 1020.7 |
| 27.5° | 872.4 | 860.6 | 858.3 | 854.3 | 858.3 | 860.6 | 872.4 | 886.0 | 898.7 | 910.8 | 931.4 |
| 30° | 827.6 | 823.8 | 818.4 | 813.8 | 818.4 | 823.8 | 827.6 | 834.5 | 842.9 | 863.6 | 883.6 |
| 32.5° | 774.9 | 771.7 | 766.9 | 764.8 | 766.9 | 771.7 | 774.9 | 784.2 | 801.9 | 814.6 | 829.0 |
| 35° | 716.5 | 705.8 | 701.2 | 694.3 | 701.2 | 705.8 | 716.5 | 724.2 | 731.1 | 741.8 | 767.8 |
| 37.5° | 654.7 | 649.1 | 642.6 | 644.9 | 642.6 | 649.1 | 654.7 | 658.0 | 672.5 | 687.4 | 698.7 |
| 40° | 606.9 | 603.1 | 601.6 | 600.8 | 601.6 | 603.1 | 606.9 | 616.9 | 634.5 | 641.4 | 658.3 |
| 42.5° | 568.9 | 558.3 | 554.3 | 554.2 | 554.3 | 558.3 | 568.9 | 580.1 | 591.0 | 602.2 | 619.6 |
| 45° | 511.1 | 501.2 | 494.3 | 495.0 | 494.3 | 501.2 | 511.1 | 515.0 | 524.2 | 546.4 | 556.3 |
| 47.5° | 452.0 | 451.7 | 447.4 | 448.7 | 447.4 | 451.7 | 452.0 | 458.6 | 470.4 | 484.0 | 499.9 |
| 50° | 423.8 | 419.2 | 416.1 | 416.9 | 416.1 | 419.2 | 423.8 | 429.1 | 436.0 | 442.9 | 467.4 |
| 52.5° | 396.8 | 392.8 | 390.4 | 393.6 | 390.4 | 392.8 | 396.8 | 399.7 | 404.8 | 411.7 | 428.2 |
| 55° | 352.5 | 347.9 | 347.1 | 346.4 | 347.1 | 347.9 | 352.5 | 356.3 | 362.5 | 367.8 | 375.5 |
| 57.5° | 303.0 | 299.9 | 295.3 | 293.3 | 295.3 | 299.9 | 303.0 | 308.7 | 316.0 | 323.1 | 331.0 |
| 60° | 267.4 | 261.3 | 253.6 | 252.9 | 253.6 | 261.3 | 267.4 | 277.4 | 280.5 | 291.2 | 300.4 |
| 62.5° | 234.9 | 233.7 | 232.2 | 232.0 | 232.2 | 233.7 | 234.9 | 238.2 | 242.5 | 258.1 | 269.1 |
| 65° | 206.1 | 205.4 | 206.1 | 206.9 | 206.1 | 205.4 | 206.1 | 207.7 | 208.4 | 210.0 | 214.6 |
| 67.5° | 179.6 | 178.2 | 176.9 | 177.5 | 176.9 | 178.2 | 179.6 | 179.9 | 182.1 | 183.0 | 186.2 |
| 70° | 159.4 | 158.6 | 157.9 | 157.9 | 157.9 | 158.6 | 159.4 | 160.9 | 162.5 | 164.0 | 167.8 |
| 72.5° | 139.8 | 139.6 | 138.9 | 138.2 | 138.9 | 139.6 | 139.8 | 142.5 | 143.5 | 145.0 | 147.6 |
| 75° | 111.9 | 110.3 | 110.3 | 110.3 | 110.3 | 110.3 | 111.9 | 112.6 | 113.4 | 115.7 | 117.2 |
| 77.5° | 85.2 | 84.4 | 83.7 | 83.1 | 83.7 | 84.4 | 85.2 | 85.4 | 86.6 | 87.1 | 88.7 |
| 80° | 67.4 | 66.7 | 65.9 | 65.9 | 65.9 | 66.7 | 67.4 | 68.2 | 68.2 | 70.5 | 69.7 |
| 82.5° | 51.5 | 50.7 | 50.6 | 50.0 | 50.6 | 50.7 | 51.5 | 51.6 | 51.6 | 53.3 | 53.2 |
| 85° | 27.6 | 28.4 | 27.6 | 29.1 | 27.6 | 28.4 | 27.6 | 26.8 | 27.6 | 29.1 | 29.1 |
| 87.5° | 14.2 | 13.7 | 14.5 | 14.0 | 14.5 | 13.7 | 14.2 | 14.1 | 14.6 | 14.3 | 14.0 |
| 90° | 31.4 | 31.9 | 32.5 | 33.0 | 32.5 | 31.9 | 31.4 | 30.9 | 29.9 | 28.5 | 27.2 |
| 92.5° | 32.0 | 32.4 | 32.7 | 33.0 | 32.7 | 32.4 | 32.0 | 31.7 | 31.2 | 30.5 | 29.8 |
| 95° | 53.4 | 53.1 | 52.9 | 52.6 | 52.9 | 53.1 | 53.4 | 53.7 | 53.1 | 51.8 | 50.4 |
| 97.5° | 69.2 | 69.6 | 69.9 | 70.2 | 69.9 | 69.6 | 69.2 | 68.9 | 68.2 | 67.1 | 66.0 |
| 100° | 80.3 | 80.9 | 81.4 | 82.0 | 81.4 | 80.9 | 80.3 | 79.8 | 78.4 | 76.2 | 74.1 |
| 102.5° | 85.5 | 86.3 | 87.1 | 87.8 | 87.1 | 86.3 | 85.5 | 84.8 | 83.0 | 80.2 | 77.3 |
| 105° | 89.7 | 90.8 | 91.9 | 93.0 | 91.9 | 90.8 | 89.7 | 88.6 | 86.6 | 83.6 | 80.6 |
| 107.5° | 92.4 | 93.5 | 94.6 | 95.7 | 94.6 | 93.5 | 92.4 | 91.3 | 92.3 | 95.3 | 98.4 |
| 110° | 93.4 | 94.5 | 95.6 | 96.6 | 95.6 | 94.5 | 93.4 | 92.3 | 105.3 | 132.5 | 159.7 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 95.0 | 95.9 | 96.7 | 97.6 | 96.7 | 95.9 | 95.0 | 94.1 | 143.3 | 242.5 | 341.6 |
| 115° | 159.0 | 139.5 | 119.9 | 100.3 | 119.9 | 139.5 | 159.0 | 178.6 | 251.3 | 377.2 | 503.0 |
| 117.5° | 602.5 | 538.2 | 473.9 | 409.5 | 473.9 | 538.2 | 602.5 | 666.8 | 714.2 | 744.6 | 775.1 |
| 120° | 856.3 | 819.6 | 782.9 | 746.2 | 782.9 | 819.6 | 856.3 | 893.0 | 909.7 | 906.4 | 903.2 |
| 122.5° | 952.5 | 945.4 | 938.3 | 931.1 | 938.3 | 945.4 | 952.5 | 959.6 | 962.2 | 960.3 | 958.3 |
| 125° | 1043.4 | 1044.3 | 1045.1 | 1045.9 | 1045.1 | 1044.3 | 1043.4 | 1042.6 | 1041.3 | 1039.4 | 1037.5 |
| 127.5° | 1117.8 | 1118.0 | 1118.1 | 1118.3 | 1118.1 | 1118.0 | 1117.8 | 1117.7 | 1116.2 | 1113.4 | 1110.6 |
| 130° | 1164.1 | 1163.9 | 1163.6 | 1163.3 | 1163.6 | 1163.9 | 1164.1 | 1164.4 | 1163.0 | 1160.1 | 1157.1 |
| 132.5° | 1208.2 | 1207.9 | 1207.6 | 1207.4 | 1207.6 | 1207.9 | 1208.2 | 1208.4 | 1207.3 | 1204.7 | 1202.2 |
| 135° | 1272.6 | 1272.1 | 1271.5 | 1271.0 | 1271.5 | 1272.1 | 1272.6 | 1273.1 | 1272.1 | 1269.3 | 1266.6 |
| 137.5° | 1331.7 | 1330.8 | 1329.9 | 1328.9 | 1329.9 | 1330.8 | 1331.7 | 1332.6 | 1331.8 | 1329.1 | 1326.4 |
| 140° | 1369.2 | 1367.9 | 1366.5 | 1365.2 | 1366.5 | 1367.9 | 1369.2 | 1370.6 | 1370.1 | 1367.6 | 1365.2 |
| 142.5° | 1404.5 | 1403.1 | 1401.7 | 1400.4 | 1401.7 | 1403.1 | 1404.5 | 1405.8 | 1405.4 | 1403.2 | 1400.9 |
| 145° | 1453.6 | 1452.3 | 1450.9 | 1449.6 | 1450.9 | 1452.3 | 1453.6 | 1455.0 | 1454.7 | 1452.8 | 1450.9 |
| 147.5° | 1496.3 | 1495.1 | 1494.0 | 1492.9 | 1494.0 | 1495.1 | 1496.3 | 1497.4 | 1497.3 | 1495.9 | 1494.5 |
| 150° | 1523.4 | 1522.0 | 1520.6 | 1519.3 | 1520.6 | 1522.0 | 1523.4 | 1524.7 | 1524.6 | 1523.0 | 1521.3 |
| 152.5° | 1547.2 | 1545.4 | 1543.6 | 1541.8 | 1543.6 | 1545.4 | 1547.2 | 1549.0 | 1549.1 | 1547.4 | 1545.8 |
| 155° | 1579.6 | 1577.5 | 1575.3 | 1573.1 | 1575.3 | 1577.5 | 1579.6 | 1581.8 | 1582.1 | 1580.5 | 1578.8 |
| 157.5° | 1608.1 | 1606.0 | 1603.9 | 1601.7 | 1603.9 | 1606.0 | 1608.1 | 1610.2 | 1610.4 | 1608.5 | 1606.7 |
| 160° | 1624.1 | 1622.2 | 1620.3 | 1618.4 | 1620.3 | 1622.2 | 1624.1 | 1626.0 | 1626.1 | 1624.5 | 1622.9 |
| 162.5° | 1639.1 | 1636.7 | 1634.4 | 1632.1 | 1634.4 | 1636.7 | 1639.1 | 1641.4 | 1641.7 | 1639.8 | 1638.0 |
| 165° | 1658.3 | 1656.4 | 1654.5 | 1652.6 | 1654.5 | 1656.4 | 1658.3 | 1660.2 | 1660.2 | 1658.3 | 1656.4 |
| 167.5° | 1672.9 | 1670.5 | 1668.0 | 1665.6 | 1668.0 | 1670.5 | 1672.9 | 1675.4 | 1675.6 | 1673.7 | 1671.8 |
| 170° | 1680.8 | 1678.3 | 1675.9 | 1673.4 | 1675.9 | 1678.3 | 1680.8 | 1683.2 | 1683.5 | 1681.6 | 1679.7 |
| 172.5° | 1686.6 | 1684.2 | 1681.7 | 1679.3 | 1681.7 | 1684.2 | 1686.6 | 1689.1 | 1689.3 | 1687.4 | 1685.5 |
| 175° | 1692.6 | 1689.9 | 1687.1 | 1684.4 | 1687.1 | 1689.9 | 1692.6 | 1695.3 | 1695.7 | 1693.8 | 1691.9 |
| 177.5° | 1693.5 | 1691.5 | 1689.6 | 1687.6 | 1689.6 | 1691.5 | 1693.5 | 1695.4 | 1695.7 | 1694.1 | 1692.6 |
| 180° | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 |
| 2.5° | 2120.8 | 2129.4 | 2142.3 | 2149.6 | 2161.9 | 2169.9 | 2174.2 | 2182.1 | 2186.4 | 2201.8 | 2217.7 |
| 5° | 2002.4 | 2014.6 | 2036.1 | 2056.0 | 2077.5 | 2099.7 | 2115.8 | 2134.2 | 2151.0 | 2180.1 | 2210.8 |
| 7.5° | 1866.6 | 1883.6 | 1916.8 | 1948.6 | 1986.0 | 2017.4 | 2045.1 | 2076.5 | 2104.6 | 2146.3 | 2189.8 |
| 10° | 1764.8 | 1794.7 | 1838.4 | 1868.3 | 1917.3 | 1948.7 | 1992.4 | 2026.9 | 2066.0 | 2121.1 | 2170.2 |
| 12.5° | 1677.1 | 1713.2 | 1748.3 | 1789.8 | 1833.9 | 1886.2 | 1934.2 | 1978.5 | 2024.9 | 2081.9 | 2139.5 |
| 15° | 1518.1 | 1570.2 | 1624.6 | 1666.7 | 1726.5 | 1781.7 | 1837.6 | 1897.4 | 1954.1 | 2022.3 | 2097.4 |
| 17.5° | 1313.3 | 1373.7 | 1465.2 | 1537.4 | 1607.6 | 1662.9 | 1732.2 | 1804.5 | 1871.3 | 1953.6 | 2037.2 |
| 20° | 1220.7 | 1265.2 | 1327.2 | 1424.6 | 1530.3 | 1589.3 | 1659.8 | 1739.5 | 1816.1 | 1905.8 | 1995.5 |
| 22.5° | 1146.5 | 1186.1 | 1235.9 | 1311.8 | 1429.8 | 1510.2 | 1583.8 | 1664.7 | 1753.6 | 1845.1 | 1944.6 |
| 25° | 1040.6 | 1068.2 | 1120.3 | 1181.6 | 1262.9 | 1395.4 | 1475.9 | 1557.1 | 1653.7 | 1751.8 | 1865.2 |
| 27.5° | 961.1 | 985.9 | 1019.8 | 1078.3 | 1138.7 | 1233.9 | 1361.9 | 1450.5 | 1546.7 | 1657.1 | 1774.8 |
| 30° | 900.4 | 929.5 | 967.1 | 1008.5 | 1074.4 | 1148.7 | 1276.7 | 1379.4 | 1474.4 | 1587.8 | 1713.5 |
| 32.5° | 856.3 | 879.3 | 911.3 | 953.3 | 1008.2 | 1079.4 | 1181.6 | 1306.4 | 1399.0 | 1518.5 | 1649.7 |
| 35° | 783.9 | 810.8 | 836.8 | 876.7 | 921.1 | 986.2 | 1063.6 | 1197.0 | 1288.9 | 1406.9 | 1538.7 |
| 37.5° | 724.3 | 740.7 | 769.5 | 801.1 | 848.0 | 896.6 | 963.7 | 1083.3 | 1182.7 | 1298.6 | 1433.5 |
| 40° | 678.9 | 699.6 | 721.1 | 756.3 | 794.7 | 841.4 | 907.3 | 996.2 | 1110.4 | 1223.8 | 1355.6 |
| 42.5° | 634.8 | 661.0 | 683.7 | 707.3 | 749.3 | 796.0 | 849.7 | 925.1 | 1041.7 | 1149.0 | 1277.1 |
| 45° | 581.6 | 598.5 | 622.2 | 648.3 | 682.8 | 722.6 | 770.1 | 836.0 | 947.9 | 1040.6 | 1161.0 |
| 47.5° | 519.7 | 544.4 | 559.9 | 585.3 | 618.1 | 656.1 | 700.3 | 757.3 | 847.8 | 934.7 | 1046.3 |
| 50° | 477.4 | 502.7 | 524.9 | 547.9 | 577.0 | 613.8 | 650.6 | 705.8 | 778.6 | 869.8 | 974.0 |
| 52.5° | 441.2 | 463.5 | 485.1 | 508.1 | 536.6 | 570.3 | 605.2 | 653.7 | 716.0 | 799.9 | 901.0 |
| 55° | 391.6 | 405.4 | 427.6 | 450.6 | 475.9 | 508.1 | 541.8 | 582.4 | 636.0 | 706.5 | 788.5 |
| 57.5° | 340.7 | 356.6 | 374.3 | 397.4 | 423.0 | 447.7 | 478.0 | 514.8 | 557.1 | 620.9 | 691.1 |
| 60° | 311.9 | 324.1 | 338.7 | 362.5 | 386.2 | 408.4 | 437.6 | 468.2 | 508.1 | 563.2 | 623.0 |
| 62.5° | 280.0 | 291.7 | 305.0 | 325.7 | 348.8 | 369.2 | 394.6 | 427.1 | 460.9 | 511.1 | 563.5 |
| 65° | 226.8 | 243.7 | 256.7 | 275.1 | 294.3 | 315.7 | 335.6 | 361.7 | 391.6 | 431.4 | 478.2 |
| 67.5° | 188.1 | 196.6 | 208.7 | 225.4 | 245.1 | 263.5 | 282.3 | 302.7 | 328.6 | 359.4 | 396.5 |
| 70° | 170.9 | 174.0 | 176.3 | 192.3 | 210.7 | 229.1 | 246.8 | 265.9 | 288.1 | 313.4 | 345.6 |
| 72.5° | 150.7 | 153.7 | 156.6 | 163.5 | 178.2 | 196.6 | 214.9 | 229.1 | 250.1 | 271.1 | 297.2 |
| 75° | 119.5 | 124.1 | 126.4 | 130.3 | 135.6 | 147.9 | 164.8 | 178.5 | 190.8 | 206.9 | 227.6 |
| 77.5° | 91.0 | 93.6 | 96.1 | 100.1 | 103.5 | 109.1 | 118.6 | 131.0 | 142.5 | 151.9 | 166.1 |
| 80° | 72.0 | 72.8 | 75.9 | 77.4 | 82.0 | 85.8 | 90.4 | 100.4 | 111.9 | 115.7 | 125.7 |
| 82.5° | 54.3 | 55.0 | 57.5 | 59.0 | 61.2 | 64.4 | 70.2 | 72.8 | 81.8 | 86.9 | 93.2 |
| 85° | 29.9 | 29.1 | 31.4 | 31.4 | 33.0 | 34.5 | 36.0 | 39.8 | 42.1 | 48.3 | 49.8 |
| 87.5° | 14.4 | 14.1 | 14.3 | 13.8 | 13.4 | 14.2 | 14.3 | 14.3 | 14.9 | 16.2 | 18.0 |
| 90° | 25.8 | 24.5 | 22.3 | 20.1 | 17.9 | 15.8 | 13.2 | 10.2 | 7.2 | 4.2 | 1.2 |
| 92.5° | 29.1 | 28.4 | 27.3 | 26.2 | 25.1 | 24.0 | 23.6 | 23.9 | 24.2 | 24.4 | 24.7 |
| 95° | 49.1 | 47.7 | 45.8 | 43.9 | 42.0 | 40.1 | 43.6 | 52.6 | 61.6 | 70.5 | 79.5 |
| 97.5° | 64.9 | 63.9 | 59.5 | 55.0 | 50.6 | 46.2 | 56.7 | 82.0 | 107.2 | 132.5 | 157.8 |
| 100° | 71.9 | 69.7 | 65.1 | 60.5 | 55.9 | 51.2 | 67.6 | 104.8 | 142.0 | 179.3 | 216.5 |
| 102.5° | 74.5 | 71.7 | 110.3 | 149.0 | 187.6 | 226.3 | 249.6 | 257.5 | 265.3 | 273.2 | 281.1 |
| 105° | 77.6 | 74.6 | 148.8 | 223.0 | 297.3 | 371.5 | 404.5 | 396.3 | 388.2 | 380.0 | 371.9 |
| 107.5° | 101.4 | 104.5 | 193.5 | 282.5 | 371.5 | 460.5 | 501.7 | 495.1 | 488.5 | 481.9 | 475.4 |
| 110° | 186.9 | 214.1 | 292.6 | 371.2 | 449.8 | 528.3 | 564.7 | 559.0 | 553.3 | 547.6 | 541.9 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 440.8 | 539.9 | 559.4 | 578.8 | 598.2 | 617.6 | 624.8 | 619.7 | 614.6 | 609.6 | 604.5 |
| 115° | 628.9 | 754.8 | 748.0 | 741.2 | 734.4 | 727.6 | 721.9 | 717.2 | 712.6 | 708.0 | 703.4 |
| 117.5° | 805.5 | 836.0 | 831.3 | 826.6 | 821.9 | 817.3 | 812.4 | 807.2 | 802.0 | 796.9 | 791.7 |
| 120° | 899.9 | 896.6 | 891.8 | 886.9 | 882.0 | 877.1 | 872.6 | 868.5 | 864.4 | 860.4 | 856.3 |
| 122.5° | 956.3 | 954.4 | 949.1 | 943.7 | 938.4 | 933.1 | 928.3 | 924.0 | 919.7 | 915.4 | 911.1 |
| 125° | 1035.6 | 1033.7 | 1028.5 | 1023.3 | 1018.2 | 1013.0 | 1008.6 | 1005.1 | 1001.6 | 998.0 | 994.5 |
| 127.5° | 1107.9 | 1105.1 | 1101.2 | 1097.4 | 1093.5 | 1089.7 | 1085.8 | 1081.9 | 1077.9 | 1074.0 | 1070.1 |
| 130° | 1154.1 | 1151.1 | 1148.1 | 1145.1 | 1142.1 | 1139.1 | 1135.5 | 1131.1 | 1126.8 | 1122.4 | 1118.1 |
| 132.5° | 1199.6 | 1197.1 | 1194.1 | 1191.1 | 1188.1 | 1185.1 | 1181.8 | 1178.1 | 1174.4 | 1170.7 | 1167.0 |
| 135° | 1263.9 | 1261.2 | 1258.7 | 1256.3 | 1253.8 | 1251.4 | 1248.0 | 1243.6 | 1239.3 | 1234.9 | 1230.6 |
| 137.5° | 1323.8 | 1321.1 | 1318.3 | 1315.6 | 1312.8 | 1310.0 | 1307.1 | 1304.1 | 1301.0 | 1298.0 | 1294.9 |
| 140° | 1362.7 | 1360.3 | 1357.3 | 1354.3 | 1351.3 | 1348.3 | 1345.7 | 1343.5 | 1341.4 | 1339.2 | 1337.0 |
| 142.5° | 1398.7 | 1396.5 | 1393.0 | 1389.6 | 1386.2 | 1382.8 | 1380.1 | 1378.1 | 1376.2 | 1374.2 | 1372.3 |
| 145° | 1449.0 | 1447.1 | 1442.5 | 1437.9 | 1433.3 | 1428.6 | 1426.5 | 1426.7 | 1427.0 | 1427.3 | 1427.5 |
| 147.5° | 1493.1 | 1491.6 | 1487.1 | 1482.5 | 1477.9 | 1473.4 | 1471.6 | 1472.6 | 1473.7 | 1474.7 | 1475.7 |
| 150° | 1519.7 | 1518.1 | 1513.7 | 1509.4 | 1505.0 | 1500.7 | 1499.4 | 1501.3 | 1503.3 | 1505.2 | 1507.1 |
| 152.5° | 1544.2 | 1542.5 | 1538.4 | 1534.3 | 1530.1 | 1526.0 | 1525.0 | 1527.1 | 1529.2 | 1531.4 | 1533.5 |
| 155° | 1577.2 | 1575.6 | 1572.3 | 1569.0 | 1565.8 | 1562.5 | 1562.1 | 1564.5 | 1567.0 | 1569.4 | 1571.9 |
| 157.5° | 1604.8 | 1603.0 | 1600.7 | 1598.4 | 1596.1 | 1593.8 | 1593.7 | 1595.8 | 1597.8 | 1599.9 | 1602.0 |
| 160° | 1621.2 | 1619.6 | 1618.0 | 1616.3 | 1614.7 | 1613.1 | 1613.1 | 1614.7 | 1616.3 | 1618.0 | 1619.6 |
| 162.5° | 1636.1 | 1634.3 | 1632.9 | 1631.4 | 1630.0 | 1628.6 | 1628.7 | 1630.4 | 1632.0 | 1633.6 | 1635.3 |
| 165° | 1654.5 | 1652.6 | 1651.8 | 1651.0 | 1650.2 | 1649.4 | 1649.8 | 1651.4 | 1653.0 | 1654.7 | 1656.3 |
| 167.5° | 1669.9 | 1668.0 | 1667.3 | 1666.5 | 1665.8 | 1665.0 | 1665.4 | 1667.1 | 1668.7 | 1670.3 | 1672.0 |
| 170° | 1677.8 | 1675.9 | 1675.3 | 1674.8 | 1674.2 | 1673.7 | 1674.2 | 1675.9 | 1677.5 | 1679.1 | 1680.8 |
| 172.5° | 1683.6 | 1681.7 | 1681.2 | 1680.6 | 1680.1 | 1679.6 | 1680.1 | 1681.7 | 1683.4 | 1685.0 | 1686.6 |
| 175° | 1690.0 | 1688.1 | 1687.6 | 1687.0 | 1686.5 | 1685.9 | 1686.6 | 1688.5 | 1690.4 | 1692.3 | 1694.2 |
| 177.5° | 1691.1 | 1689.6 | 1689.3 | 1689.1 | 1688.9 | 1688.7 | 1689.3 | 1690.9 | 1692.4 | 1693.9 | 1695.4 |
| 180° | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 |
| 2.5° | 2218.3 | 2220.1 | 2232.4 | 2237.9 | 2249.0 | 2253.2 | 2258.2 | 2256.9 | 2256.9 | 2259.4 | 2276.5 |
| 5° | 2223.1 | 2238.4 | 2261.4 | 2283.6 | 2305.1 | 2323.4 | 2335.7 | 2348.0 | 2352.6 | 2374.8 | 2394.7 |
| 7.5° | 2215.1 | 2243.3 | 2281.3 | 2315.2 | 2355.8 | 2387.5 | 2413.9 | 2437.6 | 2453.9 | 2486.2 | 2519.3 |
| 10° | 2204.7 | 2244.5 | 2287.4 | 2331.1 | 2387.0 | 2429.2 | 2472.1 | 2505.1 | 2515.8 | 2564.1 | 2591.7 |
| 12.5° | 2183.8 | 2237.2 | 2291.7 | 2348.3 | 2403.0 | 2461.1 | 2508.3 | 2541.2 | 2578.9 | 2622.3 | 2673.2 |
| 15° | 2152.6 | 2213.9 | 2285.1 | 2357.9 | 2436.1 | 2506.6 | 2557.2 | 2614.6 | 2656.0 | 2703.5 | 2748.0 |
| 17.5° | 2107.7 | 2186.6 | 2277.2 | 2361.5 | 2451.9 | 2527.6 | 2597.2 | 2652.3 | 2681.5 | 2708.6 | 2715.2 |
| 20° | 2072.1 | 2157.2 | 2263.7 | 2363.3 | 2453.7 | 2541.1 | 2610.0 | 2656.0 | 2663.7 | 2664.4 | 2623.8 |
| 22.5° | 2033.5 | 2129.6 | 2241.0 | 2343.1 | 2451.3 | 2548.4 | 2602.1 | 2621.7 | 2591.3 | 2539.4 | 2460.8 |
| 25° | 1962.5 | 2073.6 | 2203.1 | 2319.6 | 2437.6 | 2529.6 | 2548.0 | 2513.5 | 2407.0 | 2295.1 | 2153.3 |
| 27.5° | 1885.6 | 2010.5 | 2149.3 | 2278.8 | 2404.5 | 2461.5 | 2421.8 | 2297.5 | 2105.7 | 1938.9 | 1736.8 |
| 30° | 1829.2 | 1969.4 | 2105.8 | 2250.6 | 2367.1 | 2391.6 | 2300.5 | 2117.3 | 1893.5 | 1642.2 | 1440.7 |
| 32.5° | 1764.8 | 1911.8 | 2061.7 | 2211.4 | 2308.9 | 2285.0 | 2134.3 | 1908.9 | 1646.5 | 1399.4 | 1208.9 |
| 35° | 1672.8 | 1824.6 | 1986.3 | 2136.5 | 2198.5 | 2095.1 | 1869.8 | 1576.3 | 1308.1 | 1077.4 | 946.4 |
| 37.5° | 1566.6 | 1731.9 | 1900.0 | 2037.9 | 2033.5 | 1861.1 | 1554.2 | 1251.2 | 1025.8 | 889.4 | 796.0 |
| 40° | 1491.2 | 1658.3 | 1839.9 | 1956.4 | 1906.6 | 1682.0 | 1349.5 | 1063.6 | 898.9 | 790.1 | 721.9 |
| 42.5° | 1418.9 | 1586.6 | 1767.0 | 1859.5 | 1772.9 | 1496.9 | 1165.6 | 941.6 | 805.7 | 720.8 | 665.5 |
| 45° | 1295.8 | 1472.8 | 1639.9 | 1691.2 | 1536.4 | 1232.2 | 942.6 | 780.1 | 689.7 | 626.8 | 588.5 |
| 47.5° | 1175.5 | 1349.6 | 1502.1 | 1503.0 | 1293.7 | 999.3 | 795.1 | 675.1 | 597.9 | 549.3 | 521.4 |
| 50° | 1101.9 | 1267.5 | 1395.4 | 1375.5 | 1138.0 | 888.9 | 711.1 | 607.7 | 543.3 | 505.8 | 476.6 |
| 52.5° | 1019.2 | 1179.8 | 1290.6 | 1233.9 | 1006.2 | 782.2 | 635.7 | 548.8 | 495.5 | 462.8 | 436.8 |
| 55° | 898.9 | 1041.4 | 1119.6 | 1033.7 | 820.7 | 650.6 | 537.2 | 469.0 | 429.1 | 401.5 | 379.3 |
| 57.5° | 780.7 | 898.3 | 947.5 | 847.5 | 676.0 | 539.5 | 454.4 | 403.2 | 363.7 | 343.9 | 332.4 |
| 60° | 706.5 | 806.9 | 841.4 | 731.1 | 587.8 | 472.0 | 402.3 | 354.8 | 325.7 | 312.7 | 301.2 |
| 62.5° | 633.6 | 715.6 | 729.8 | 628.7 | 512.4 | 413.2 | 353.3 | 313.1 | 293.8 | 281.4 | 270.5 |
| 65° | 525.7 | 584.7 | 577.8 | 496.6 | 405.4 | 328.0 | 284.3 | 259.8 | 245.2 | 227.6 | 208.4 |
| 67.5° | 432.8 | 468.8 | 447.1 | 386.2 | 309.4 | 254.9 | 226.4 | 207.8 | 189.7 | 173.0 | 168.6 |
| 70° | 374.0 | 394.6 | 371.7 | 315.7 | 253.6 | 213.8 | 190.8 | 168.6 | 157.9 | 154.0 | 147.1 |
| 72.5° | 317.6 | 324.8 | 299.9 | 252.0 | 206.4 | 177.0 | 154.6 | 142.2 | 136.4 | 133.2 | 128.7 |
| 75° | 238.3 | 233.0 | 211.5 | 174.0 | 143.3 | 123.4 | 116.5 | 111.9 | 108.0 | 105.0 | 102.7 |
| 77.5° | 167.4 | 159.5 | 140.4 | 115.9 | 99.8 | 90.3 | 86.1 | 83.7 | 81.8 | 80.3 | 78.0 |
| 80° | 125.7 | 120.3 | 101.2 | 82.8 | 75.9 | 71.3 | 69.0 | 65.9 | 65.9 | 64.4 | 62.1 |
| 82.5° | 92.0 | 86.0 | 69.3 | 60.7 | 56.9 | 54.1 | 52.4 | 50.6 | 50.0 | 50.3 | 48.6 |
| 85° | 48.3 | 39.1 | 34.5 | 33.0 | 30.7 | 29.1 | 29.9 | 28.4 | 28.4 | 28.4 | 27.6 |
| 87.5° | 15.6 | 13.1 | 13.1 | 13.1 | 14.2 | 14.6 | 14.4 | 14.9 | 15.9 | 15.6 | 16.5 |
| 90° | 4.2 | 7.2 | 10.2 | 13.2 | 15.8 | 17.9 | 20.1 | 22.3 | 24.5 | 25.8 | 27.2 |
| 92.5° | 24.4 | 24.2 | 23.9 | 23.6 | 24.0 | 25.1 | 26.2 | 27.3 | 28.4 | 29.1 | 29.8 |
| 95° | 70.5 | 61.6 | 52.6 | 43.6 | 40.1 | 42.0 | 43.9 | 45.8 | 47.7 | 49.1 | 50.4 |
| 97.5° | 132.5 | 107.2 | 82.0 | 56.7 | 46.2 | 50.6 | 55.0 | 59.5 | 63.9 | 64.9 | 66.0 |
| 100° | 179.3 | 142.0 | 104.8 | 67.6 | 51.2 | 55.9 | 60.5 | 65.1 | 69.7 | 71.9 | 74.1 |
| 102.5° | 273.2 | 265.3 | 257.5 | 249.6 | 226.3 | 187.6 | 149.0 | 110.3 | 71.7 | 74.5 | 77.3 |
| 105° | 380.0 | 388.2 | 396.3 | 404.5 | 371.5 | 297.3 | 223.0 | 148.8 | 74.6 | 77.6 | 80.6 |
| 107.5° | 481.9 | 488.5 | 495.1 | 501.7 | 460.5 | 371.5 | 282.5 | 193.5 | 104.5 | 101.4 | 98.4 |
| 110° | 547.6 | 553.3 | 559.0 | 564.7 | 528.3 | 449.8 | 371.2 | 292.6 | 214.1 | 186.9 | 159.7 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 609.6 | 614.6 | 619.7 | 624.8 | 617.6 | 598.2 | 578.8 | 559.4 | 539.9 | 440.8 | 341.6 |
| 115° | 708.0 | 712.6 | 717.2 | 721.9 | 727.6 | 734.4 | 741.2 | 748.0 | 754.8 | 628.9 | 503.0 |
| 117.5° | 796.9 | 802.0 | 807.2 | 812.4 | 817.3 | 821.9 | 826.6 | 831.3 | 836.0 | 805.5 | 775.1 |
| 120° | 860.4 | 864.4 | 868.5 | 872.6 | 877.1 | 882.0 | 886.9 | 891.8 | 896.6 | 899.9 | 903.2 |
| 122.5° | 915.4 | 919.7 | 924.0 | 928.3 | 933.1 | 938.4 | 943.7 | 949.1 | 954.4 | 956.3 | 958.3 |
| 125° | 998.0 | 1001.6 | 1005.1 | 1008.6 | 1013.0 | 1018.2 | 1023.3 | 1028.5 | 1033.7 | 1035.6 | 1037.5 |
| 127.5° | 1074.0 | 1077.9 | 1081.9 | 1085.8 | 1089.7 | 1093.5 | 1097.4 | 1101.2 | 1105.1 | 1107.9 | 1110.6 |
| 130° | 1122.4 | 1126.8 | 1131.1 | 1135.5 | 1139.1 | 1142.1 | 1145.1 | 1148.1 | 1151.1 | 1154.1 | 1157.1 |
| 132.5° | 1170.7 | 1174.4 | 1178.1 | 1181.8 | 1185.1 | 1188.1 | 1191.1 | 1194.1 | 1197.1 | 1199.6 | 1202.2 |
| 135° | 1234.9 | 1239.3 | 1243.6 | 1248.0 | 1251.4 | 1253.8 | 1256.3 | 1258.7 | 1261.2 | 1263.9 | 1266.6 |
| 137.5° | 1298.0 | 1301.0 | 1304.1 | 1307.1 | 1310.0 | 1312.8 | 1315.6 | 1318.3 | 1321.1 | 1323.8 | 1326.4 |
| 140° | 1339.2 | 1341.4 | 1343.5 | 1345.7 | 1348.3 | 1351.3 | 1354.3 | 1357.3 | 1360.3 | 1362.7 | 1365.2 |
| 142.5° | 1374.2 | 1376.2 | 1378.1 | 1380.1 | 1382.8 | 1386.2 | 1389.6 | 1393.0 | 1396.5 | 1398.7 | 1400.9 |
| 145° | 1427.3 | 1427.0 | 1426.7 | 1426.5 | 1428.6 | 1433.3 | 1437.9 | 1442.5 | 1447.1 | 1449.0 | 1450.9 |
| 147.5° | 1474.7 | 1473.7 | 1472.6 | 1471.6 | 1473.4 | 1477.9 | 1482.5 | 1487.1 | 1491.6 | 1493.1 | 1494.5 |
| 150° | 1505.2 | 1503.3 | 1501.3 | 1499.4 | 1500.7 | 1505.0 | 1509.4 | 1513.7 | 1518.1 | 1519.7 | 1521.3 |
| 152.5° | 1531.4 | 1529.2 | 1527.1 | 1525.0 | 1526.0 | 1530.1 | 1534.3 | 1538.4 | 1542.5 | 1544.2 | 1545.8 |
| 155° | 1569.4 | 1567.0 | 1564.5 | 1562.1 | 1562.5 | 1565.8 | 1569.0 | 1572.3 | 1575.6 | 1577.2 | 1578.8 |
| 157.5° | 1599.9 | 1597.8 | 1595.8 | 1593.7 | 1593.8 | 1596.1 | 1598.4 | 1600.7 | 1603.0 | 1604.8 | 1606.7 |
| 160° | 1618.0 | 1616.3 | 1614.7 | 1613.1 | 1613.1 | 1614.7 | 1616.3 | 1618.0 | 1619.6 | 1621.2 | 1622.9 |
| 162.5° | 1633.6 | 1632.0 | 1630.4 | 1628.7 | 1628.6 | 1630.0 | 1631.4 | 1632.9 | 1634.3 | 1636.1 | 1638.0 |
| 165° | 1654.7 | 1653.0 | 1651.4 | 1649.8 | 1649.4 | 1650.2 | 1651.0 | 1651.8 | 1652.6 | 1654.5 | 1656.4 |
| 167.5° | 1670.3 | 1668.7 | 1667.1 | 1665.4 | 1665.0 | 1665.8 | 1666.5 | 1667.3 | 1668.0 | 1669.9 | 1671.8 |
| 170° | 1679.1 | 1677.5 | 1675.9 | 1674.2 | 1673.7 | 1674.2 | 1674.8 | 1675.3 | 1675.9 | 1677.8 | 1679.7 |
| 172.5° | 1685.0 | 1683.4 | 1681.7 | 1680.1 | 1679.6 | 1680.1 | 1680.6 | 1681.2 | 1681.7 | 1683.6 | 1685.5 |
| 175° | 1692.3 | 1690.4 | 1688.5 | 1686.6 | 1685.9 | 1686.5 | 1687.0 | 1687.6 | 1688.1 | 1690.0 | 1691.9 |
| 177.5° | 1693.9 | 1692.4 | 1690.9 | 1689.3 | 1688.7 | 1688.9 | 1689.1 | 1689.3 | 1689.6 | 1691.1 | 1692.6 |
| 180° | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 | 2205.4 |
| 2.5° | 2282.7 | 2290.6 | 2294.3 | 2294.3 | 2298.6 | 2296.8 | 2294.9 |
| 5° | 2413.9 | 2428.4 | 2431.5 | 2445.3 | 2455.2 | 2452.2 | 2453.7 |
| 7.5° | 2544.3 | 2567.7 | 2590.9 | 2601.5 | 2603.1 | 2609.3 | 2611.6 |
| 10° | 2624.6 | 2643.8 | 2679.8 | 2674.4 | 2701.2 | 2716.6 | 2691.3 |
| 12.5° | 2701.8 | 2727.7 | 2752.7 | 2759.6 | 2774.8 | 2779.7 | 2769.7 |
| 15° | 2771.7 | 2785.5 | 2787.1 | 2783.2 | 2787.8 | 2784.0 | 2769.4 |
| 17.5° | 2706.4 | 2684.1 | 2638.7 | 2617.2 | 2600.2 | 2575.1 | 2565.0 |
| 20° | 2598.5 | 2532.6 | 2456.0 | 2425.4 | 2389.3 | 2318.8 | 2335.7 |
| 22.5° | 2365.6 | 2290.5 | 2213.9 | 2124.4 | 2081.6 | 2014.8 | 2010.8 |
| 25° | 2003.1 | 1873.6 | 1731.1 | 1631.5 | 1573.2 | 1506.6 | 1477.4 |
| 27.5° | 1557.4 | 1394.4 | 1277.6 | 1218.4 | 1164.6 | 1111.8 | 1109.6 |
| 30° | 1264.4 | 1141.8 | 1051.4 | 1000.8 | 967.8 | 945.6 | 950.2 |
| 32.5° | 1065.8 | 981.8 | 920.8 | 878.8 | 854.4 | 837.7 | 837.4 |
| 35° | 871.3 | 813.8 | 774.7 | 757.1 | 739.5 | 727.2 | 728.0 |
| 37.5° | 745.6 | 711.1 | 689.4 | 669.9 | 658.9 | 652.9 | 649.5 |
| 40° | 681.2 | 652.9 | 636.0 | 624.5 | 615.3 | 606.9 | 605.4 |
| 42.5° | 630.4 | 606.9 | 590.1 | 581.0 | 572.4 | 566.5 | 564.9 |
| 45° | 559.4 | 540.2 | 524.9 | 515.0 | 511.1 | 505.8 | 505.8 |
| 47.5° | 497.6 | 478.8 | 466.8 | 460.6 | 454.0 | 450.4 | 450.3 |
| 50° | 456.0 | 441.4 | 430.7 | 426.8 | 421.5 | 419.2 | 418.4 |
| 52.5° | 418.6 | 407.7 | 400.0 | 397.4 | 395.1 | 392.2 | 392.7 |
| 55° | 367.8 | 361.7 | 358.6 | 356.3 | 352.5 | 347.9 | 351.0 |
| 57.5° | 325.1 | 319.9 | 311.6 | 304.4 | 300.9 | 297.6 | 298.9 |
| 60° | 295.0 | 284.3 | 273.6 | 265.1 | 262.8 | 255.9 | 255.9 |
| 62.5° | 257.0 | 242.0 | 228.8 | 224.1 | 221.8 | 218.6 | 217.9 |
| 65° | 197.7 | 191.6 | 188.5 | 185.4 | 183.9 | 183.9 | 182.4 |
| 67.5° | 163.8 | 161.4 | 158.0 | 157.2 | 155.7 | 155.3 | 154.8 |
| 70° | 144.8 | 141.8 | 140.2 | 139.5 | 137.9 | 138.7 | 136.4 |
| 72.5° | 126.4 | 124.0 | 123.7 | 121.7 | 120.8 | 120.9 | 119.2 |
| 75° | 99.6 | 99.6 | 98.9 | 98.1 | 96.6 | 95.8 | 96.6 |
| 77.5° | 76.6 | 76.8 | 75.4 | 75.3 | 75.1 | 75.3 | 74.5 |
| 80° | 61.3 | 62.1 | 61.3 | 60.5 | 59.8 | 60.5 | 59.8 |
| 82.5° | 48.4 | 47.4 | 47.2 | 47.1 | 46.9 | 46.4 | 46.3 |
| 85° | 27.6 | 28.4 | 27.6 | 26.8 | 26.8 | 26.8 | 27.6 |
| 87.5° | 16.1 | 16.4 | 16.6 | 16.7 | 16.8 | 16.9 | 16.4 |
| 90° | 28.5 | 29.9 | 30.9 | 31.4 | 31.9 | 32.5 | 33.0 |
| 92.5° | 30.5 | 31.2 | 31.7 | 32.0 | 32.4 | 32.7 | 33.0 |
| 95° | 51.8 | 53.1 | 53.7 | 53.4 | 53.1 | 52.9 | 52.6 |
| 97.5° | 67.1 | 68.2 | 68.9 | 69.2 | 69.6 | 69.9 | 70.2 |
| 100° | 76.2 | 78.4 | 79.8 | 80.3 | 80.9 | 81.4 | 82.0 |
| 102.5° | 80.2 | 83.0 | 84.8 | 85.5 | 86.3 | 87.1 | 87.8 |
| 105° | 83.6 | 86.6 | 88.6 | 89.7 | 90.8 | 91.9 | 93.0 |
| 107.5° | 95.3 | 92.3 | 91.3 | 92.4 | 93.5 | 94.6 | 95.7 |
| 110° | 132.5 | 105.3 | 92.3 | 93.4 | 94.5 | 95.6 | 96.6 |



TEST NUMBER: P331857

CATALOG NUMBER: S122RDIW-S1005D1240U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 242.5 | 143.3 | 94.1 | 95.0 | 95.9 | 96.7 | 97.6 |
| 115° | 377.2 | 251.3 | 178.6 | 159.0 | 139.5 | 119.9 | 100.3 |
| 117.5° | 744.6 | 714.2 | 666.8 | 602.5 | 538.2 | 473.9 | 409.5 |
| 120° | 906.4 | 909.7 | 893.0 | 856.3 | 819.6 | 782.9 | 746.2 |
| 122.5° | 960.3 | 962.2 | 959.6 | 952.5 | 945.4 | 938.3 | 931.1 |
| 125° | 1039.4 | 1041.3 | 1042.6 | 1043.4 | 1044.3 | 1045.1 | 1045.9 |
| 127.5° | 1113.4 | 1116.2 | 1117.7 | 1117.8 | 1118.0 | 1118.1 | 1118.3 |
| 130° | 1160.1 | 1163.0 | 1164.4 | 1164.1 | 1163.9 | 1163.6 | 1163.3 |
| 132.5° | 1204.7 | 1207.3 | 1208.4 | 1208.2 | 1207.9 | 1207.6 | 1207.4 |
| 135° | 1269.3 | 1272.1 | 1273.1 | 1272.6 | 1272.1 | 1271.5 | 1271.0 |
| 137.5° | 1329.1 | 1331.8 | 1332.6 | 1331.7 | 1330.8 | 1329.9 | 1328.9 |
| 140° | 1367.6 | 1370.1 | 1370.6 | 1369.2 | 1367.9 | 1366.5 | 1365.2 |
| 142.5° | 1403.2 | 1405.4 | 1405.8 | 1404.5 | 1403.1 | 1401.7 | 1400.4 |
| 145° | 1452.8 | 1454.7 | 1455.0 | 1453.6 | 1452.3 | 1450.9 | 1449.6 |
| 147.5° | 1495.9 | 1497.3 | 1497.4 | 1496.3 | 1495.1 | 1494.0 | 1492.9 |
| 150° | 1523.0 | 1524.6 | 1524.7 | 1523.4 | 1522.0 | 1520.6 | 1519.3 |
| 152.5° | 1547.4 | 1549.1 | 1549.0 | 1547.2 | 1545.4 | 1543.6 | 1541.8 |
| 155° | 1580.5 | 1582.1 | 1581.8 | 1579.6 | 1577.5 | 1575.3 | 1573.1 |
| 157.5° | 1608.5 | 1610.4 | 1610.2 | 1608.1 | 1606.0 | 1603.9 | 1601.7 |
| 160° | 1624.5 | 1626.1 | 1626.0 | 1624.1 | 1622.2 | 1620.3 | 1618.4 |
| 162.5° | 1639.8 | 1641.7 | 1641.4 | 1639.1 | 1636.7 | 1634.4 | 1632.1 |
| 165° | 1658.3 | 1660.2 | 1660.2 | 1658.3 | 1656.4 | 1654.5 | 1652.6 |
| 167.5° | 1673.7 | 1675.6 | 1675.4 | 1672.9 | 1670.5 | 1668.0 | 1665.6 |
| 170° | 1681.6 | 1683.5 | 1683.2 | 1680.8 | 1678.3 | 1675.9 | 1673.4 |
| 172.5° | 1687.4 | 1689.3 | 1689.1 | 1686.6 | 1684.2 | 1681.7 | 1679.3 |
| 175° | 1693.8 | 1695.7 | 1695.3 | 1692.6 | 1689.9 | 1687.1 | 1684.4 |
| 177.5° | 1694.1 | 1695.7 | 1695.4 | 1693.5 | 1691.5 | 1689.6 | 1687.6 |
| 180° | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 | 1690.5 |

(END OF REPORT)