

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: P331759

Luminaire Tested: **S122RDIP-S1005D1080U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331759
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: S122RDIP-S1005D1080U835-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1080 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8120.4 lumens
Efficiency: N/A
Efficacy: 113.3 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

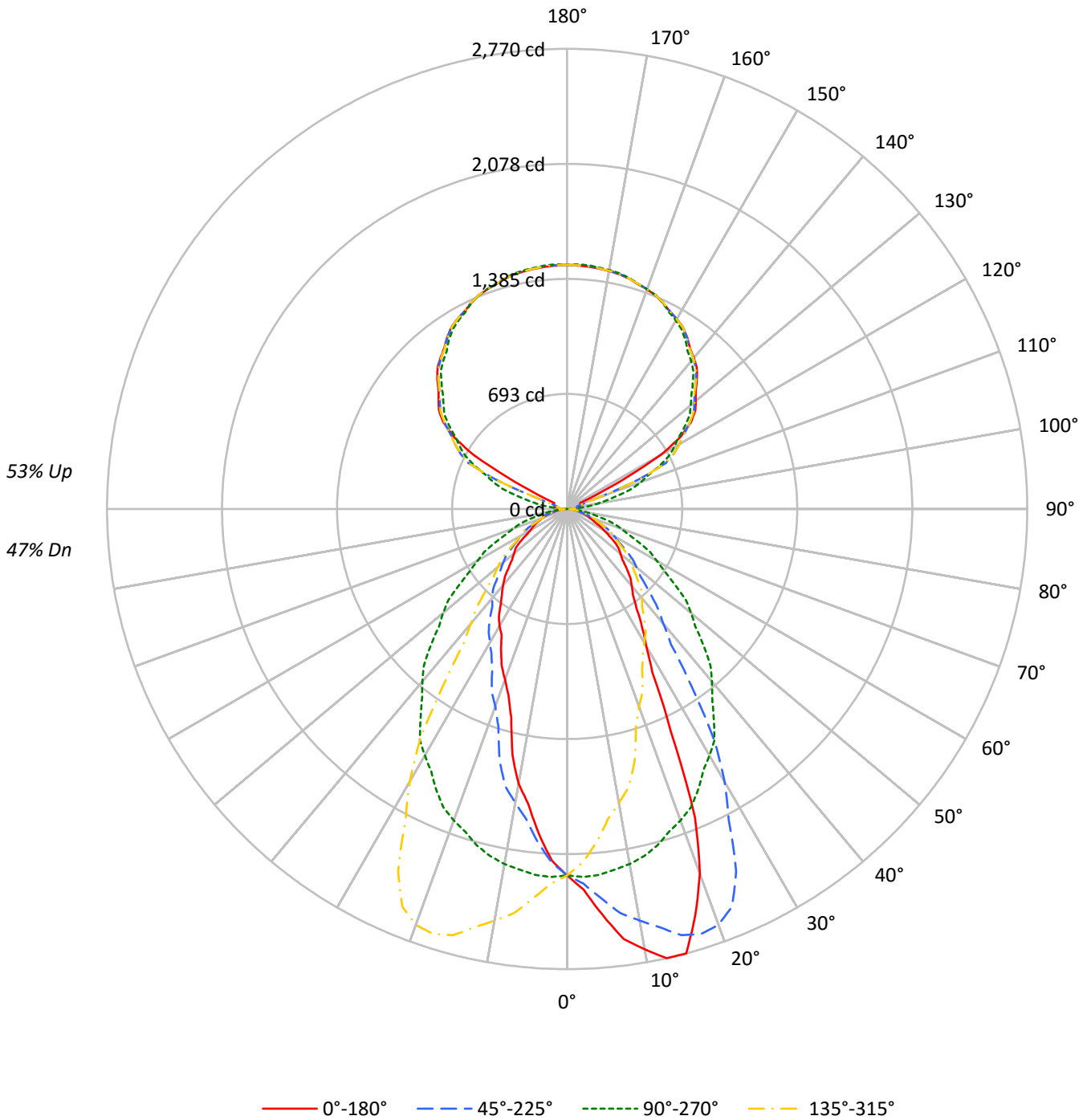
Input Watts (W): 71.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-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 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 53 | 53 | 53 | 47 |
| 1 | 98 | 94 | 90 | 87 | 90 | 86 | 83 | 81 | 73 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 | 41 |
| 2 | 90 | 83 | 77 | 72 | 82 | 76 | 72 | 67 | 65 | 61 | 58 | 54 | 51 | 49 | 43 | 42 | 40 | 36 |
| 3 | 82 | 73 | 67 | 61 | 76 | 68 | 62 | 57 | 58 | 53 | 50 | 48 | 45 | 42 | 39 | 37 | 35 | 31 |
| 4 | 76 | 66 | 58 | 52 | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 43 | 40 | 37 | 36 | 33 | 31 | 27 |
| 5 | 70 | 59 | 51 | 46 | 64 | 55 | 48 | 43 | 47 | 42 | 38 | 39 | 36 | 33 | 33 | 30 | 28 | 24 |
| 6 | 65 | 53 | 45 | 40 | 59 | 49 | 43 | 38 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 25 | 22 |
| 7 | 60 | 48 | 41 | 35 | 55 | 45 | 38 | 34 | 39 | 34 | 30 | 33 | 29 | 26 | 28 | 25 | 22 | 20 |
| 8 | 56 | 44 | 37 | 32 | 51 | 41 | 35 | 30 | 36 | 30 | 27 | 30 | 26 | 24 | 26 | 23 | 20 | 18 |
| 9 | 52 | 40 | 33 | 28 | 48 | 38 | 31 | 27 | 33 | 28 | 24 | 28 | 24 | 21 | 24 | 21 | 19 | 17 |
| 10 | 49 | 37 | 30 | 26 | 45 | 35 | 29 | 25 | 30 | 25 | 22 | 26 | 22 | 20 | 22 | 19 | 17 | 15 |

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: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 209.1 | 2.6 |
| 10°-20° | 582.5 | 7.2 |
| 20°-30° | 750.7 | 9.2 |
| 30°-40° | 713.4 | 8.8 |
| 40°-50° | 611.1 | 7.5 |
| 50°-60° | 465.4 | 5.7 |
| 60°-70° | 294.2 | 3.6 |
| 70°-80° | 146.9 | 1.8 |
| 80°-90° | 41.9 | 0.5 |
| 90°-100° | 49.0 | 0.6 |
| 100°-110° | 179.7 | 2.2 |
| 110°-120° | 480.4 | 5.9 |
| 120°-130° | 793.0 | 9.8 |
| 130°-140° | 843.3 | 10.4 |
| 140°-150° | 783.8 | 9.7 |
| 150°-160° | 630.2 | 7.8 |
| 160°-170° | 406.1 | 5.0 |
| 170°-180° | 139.8 | 1.7 |
| 0°-30° | 1542.3 | 19.0 |
| 0°-40° | 2255.7 | 27.8 |
| 0°-60° | 3332.1 | 41.0 |
| 0°-90° | 3815.1 | 47.0 |
| 90°-120° | 709.1 | 8.7 |
| 90°-150° | 3129.2 | 38.5 |
| 90°-180° | 4305.0 | 53.0 |
| 0°-180° | 8120.4 | 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° | 29 | 1 | 29 | 1 | 29 | 14 |
| 95° | 46 | 69 | 46 | 69 | 46 | 43 |
| 105° | 81 | 323 | 81 | 323 | 81 | 84 |
| 115° | 87 | 611 | 87 | 611 | 87 | 218 |
| 125° | 909 | 864 | 909 | 864 | 909 | 786 |
| 135° | 1104 | 1069 | 1104 | 1069 | 1104 | 851 |
| 145° | 1260 | 1241 | 1260 | 1241 | 1260 | 788 |
| 155° | 1367 | 1366 | 1367 | 1366 | 1367 | 631 |
| 165° | 1436 | 1439 | 1436 | 1439 | 1436 | 405 |
| 175° | 1464 | 1472 | 1464 | 1472 | 1464 | 139 |
| 180° | 1469 | 1469 | 1469 | 1469 | 1469 | |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-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° | 15.5 | 16.1 | 16.0 | 15.9 | 15.8 | 15.6 | 15.4 | 15.8 | 14.9 | 15.3 | 14.3 |
| 90° | 28.7 | 28.2 | 27.8 | 27.3 | 26.8 | 26.0 | 24.8 | 23.6 | 22.4 | 21.3 | 19.4 |
| 92.5° | 28.7 | 28.4 | 28.1 | 27.9 | 27.6 | 27.1 | 26.5 | 25.9 | 25.3 | 24.7 | 23.7 |
| 95° | 45.7 | 45.9 | 46.2 | 46.4 | 46.7 | 46.2 | 45.0 | 43.8 | 42.6 | 41.5 | 39.8 |
| 97.5° | 61.0 | 60.7 | 60.5 | 60.2 | 59.9 | 59.3 | 58.3 | 57.4 | 56.4 | 55.5 | 51.7 |
| 100° | 71.2 | 70.8 | 70.3 | 69.8 | 69.3 | 68.2 | 66.3 | 64.4 | 62.5 | 60.6 | 56.6 |
| 102.5° | 76.3 | 75.7 | 75.0 | 74.3 | 73.7 | 72.1 | 69.7 | 67.2 | 64.8 | 62.3 | 59.9 |
| 105° | 80.8 | 79.8 | 78.9 | 78.0 | 77.0 | 75.2 | 72.6 | 70.0 | 67.4 | 64.8 | 129.3 |
| 107.5° | 83.1 | 82.2 | 81.2 | 80.3 | 79.4 | 80.2 | 82.8 | 85.5 | 88.1 | 90.8 | 168.1 |
| 110° | 84.0 | 83.0 | 82.1 | 81.1 | 80.2 | 91.5 | 115.2 | 138.8 | 162.4 | 186.0 | 254.3 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 84.8 | 84.1 | 83.3 | 82.6 | 81.8 | 124.5 | 210.7 | 296.9 | 383.1 | 469.2 | 486.1 |
| 115° | 87.2 | 104.2 | 121.2 | 138.2 | 155.2 | 218.4 | 327.8 | 437.1 | 546.5 | 655.9 | 650.0 |
| 117.5° | 355.9 | 411.8 | 467.7 | 523.6 | 579.5 | 620.7 | 647.1 | 673.6 | 700.0 | 726.5 | 722.4 |
| 120° | 648.5 | 680.3 | 712.2 | 744.1 | 776.0 | 790.6 | 787.7 | 784.9 | 782.0 | 779.2 | 775.0 |
| 122.5° | 809.2 | 815.4 | 821.6 | 827.8 | 833.9 | 836.2 | 834.5 | 832.8 | 831.1 | 829.4 | 824.8 |
| 125° | 908.9 | 908.2 | 907.5 | 906.8 | 906.1 | 904.9 | 903.2 | 901.6 | 899.9 | 898.3 | 893.8 |
| 127.5° | 971.8 | 971.7 | 971.6 | 971.4 | 971.3 | 970.0 | 967.6 | 965.2 | 962.8 | 960.4 | 957.0 |
| 130° | 1011.0 | 1011.2 | 1011.4 | 1011.7 | 1011.9 | 1010.7 | 1008.1 | 1005.5 | 1002.9 | 1000.3 | 997.7 |
| 132.5° | 1049.2 | 1049.5 | 1049.7 | 1049.9 | 1050.2 | 1049.2 | 1047.0 | 1044.7 | 1042.5 | 1040.3 | 1037.7 |
| 135° | 1104.5 | 1105.0 | 1105.4 | 1105.9 | 1106.4 | 1105.4 | 1103.1 | 1100.7 | 1098.4 | 1096.0 | 1093.9 |
| 137.5° | 1154.9 | 1155.7 | 1156.5 | 1157.3 | 1158.1 | 1157.3 | 1155.0 | 1152.7 | 1150.4 | 1148.1 | 1145.7 |
| 140° | 1186.4 | 1187.5 | 1188.7 | 1189.9 | 1191.1 | 1190.6 | 1188.5 | 1186.4 | 1184.2 | 1182.1 | 1179.5 |
| 142.5° | 1217.0 | 1218.2 | 1219.3 | 1220.5 | 1221.7 | 1221.3 | 1219.4 | 1217.4 | 1215.5 | 1213.6 | 1210.6 |
| 145° | 1259.7 | 1260.9 | 1262.1 | 1263.3 | 1264.4 | 1264.2 | 1262.5 | 1260.9 | 1259.2 | 1257.6 | 1253.6 |
| 147.5° | 1297.3 | 1298.3 | 1299.3 | 1300.3 | 1301.3 | 1301.2 | 1300.0 | 1298.7 | 1297.5 | 1296.3 | 1292.3 |
| 150° | 1320.3 | 1321.5 | 1322.7 | 1323.8 | 1325.0 | 1324.9 | 1323.5 | 1322.1 | 1320.7 | 1319.2 | 1315.5 |
| 152.5° | 1339.9 | 1341.4 | 1343.0 | 1344.5 | 1346.1 | 1346.2 | 1344.8 | 1343.3 | 1341.9 | 1340.5 | 1336.9 |
| 155° | 1367.1 | 1369.0 | 1370.9 | 1372.7 | 1374.6 | 1374.9 | 1373.5 | 1372.0 | 1370.6 | 1369.2 | 1366.4 |
| 157.5° | 1391.9 | 1393.8 | 1395.6 | 1397.5 | 1399.3 | 1399.4 | 1397.8 | 1396.2 | 1394.6 | 1393.0 | 1391.0 |
| 160° | 1406.4 | 1408.1 | 1409.7 | 1411.4 | 1413.0 | 1413.1 | 1411.7 | 1410.3 | 1408.9 | 1407.5 | 1406.1 |
| 162.5° | 1418.3 | 1420.3 | 1422.4 | 1424.4 | 1426.4 | 1426.7 | 1425.0 | 1423.4 | 1421.8 | 1420.2 | 1419.0 |
| 165° | 1436.2 | 1437.8 | 1439.5 | 1441.1 | 1442.8 | 1442.8 | 1441.1 | 1439.5 | 1437.8 | 1436.2 | 1435.5 |
| 167.5° | 1447.4 | 1449.6 | 1451.7 | 1453.8 | 1455.9 | 1456.2 | 1454.5 | 1452.9 | 1451.2 | 1449.6 | 1448.9 |
| 170° | 1454.2 | 1456.4 | 1458.5 | 1460.6 | 1462.7 | 1463.0 | 1461.3 | 1459.7 | 1458.0 | 1456.4 | 1455.9 |
| 172.5° | 1459.3 | 1461.5 | 1463.6 | 1465.7 | 1467.9 | 1468.1 | 1466.4 | 1464.8 | 1463.1 | 1461.5 | 1461.0 |
| 175° | 1463.8 | 1466.2 | 1468.5 | 1470.9 | 1473.3 | 1473.6 | 1472.0 | 1470.3 | 1468.7 | 1467.0 | 1466.5 |
| 177.5° | 1466.6 | 1468.3 | 1470.0 | 1471.7 | 1473.4 | 1473.6 | 1472.2 | 1470.9 | 1469.6 | 1468.3 | 1468.1 |
| 180° | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-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° | 13.9 | 14.2 | 13.8 | 12.7 | 12.8 | 12.9 | 15.4 | 18.0 | 16.1 | 14.7 | 14.0 |
| 90° | 17.5 | 15.6 | 13.7 | 11.5 | 8.9 | 6.3 | 3.7 | 1.1 | 3.7 | 6.3 | 8.9 |
| 92.5° | 22.8 | 21.8 | 20.9 | 20.5 | 20.8 | 21.0 | 21.2 | 21.5 | 21.2 | 21.0 | 20.8 |
| 95° | 38.2 | 36.5 | 34.8 | 37.9 | 45.7 | 53.5 | 61.3 | 69.1 | 61.3 | 53.5 | 45.7 |
| 97.5° | 47.8 | 44.0 | 40.2 | 49.3 | 71.2 | 93.2 | 115.2 | 137.1 | 115.2 | 93.2 | 71.2 |
| 100° | 52.6 | 48.5 | 44.5 | 58.7 | 91.1 | 123.4 | 155.8 | 188.2 | 155.8 | 123.4 | 91.1 |
| 102.5° | 129.5 | 163.1 | 196.7 | 216.9 | 223.7 | 230.6 | 237.4 | 244.3 | 237.4 | 230.6 | 223.7 |
| 105° | 193.8 | 258.3 | 322.8 | 351.5 | 344.4 | 337.3 | 330.3 | 323.2 | 330.3 | 337.3 | 344.4 |
| 107.5° | 245.5 | 322.8 | 400.2 | 436.0 | 430.2 | 424.5 | 418.8 | 413.1 | 418.8 | 424.5 | 430.2 |
| 110° | 322.6 | 390.8 | 459.1 | 490.8 | 485.8 | 480.9 | 475.9 | 470.9 | 475.9 | 480.9 | 485.8 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 503.0 | 519.8 | 536.7 | 542.9 | 538.5 | 534.1 | 529.8 | 525.4 | 529.8 | 534.1 | 538.5 |
| 115° | 644.1 | 638.2 | 632.3 | 627.3 | 623.3 | 619.3 | 615.3 | 611.3 | 615.3 | 619.3 | 623.3 |
| 117.5° | 718.4 | 714.3 | 710.2 | 706.0 | 701.5 | 697.0 | 692.5 | 688.0 | 692.5 | 697.0 | 701.5 |
| 120° | 770.7 | 766.5 | 762.2 | 758.3 | 754.8 | 751.2 | 747.7 | 744.1 | 747.7 | 751.2 | 754.8 |
| 122.5° | 820.1 | 815.5 | 810.9 | 806.7 | 803.0 | 799.2 | 795.5 | 791.8 | 795.5 | 799.2 | 803.0 |
| 125° | 889.3 | 884.8 | 880.3 | 876.5 | 873.5 | 870.4 | 867.3 | 864.3 | 867.3 | 870.4 | 873.5 |
| 127.5° | 953.6 | 950.3 | 946.9 | 943.6 | 940.2 | 936.8 | 933.4 | 930.0 | 933.4 | 936.8 | 940.2 |
| 130° | 995.1 | 992.5 | 989.9 | 986.7 | 983.0 | 979.2 | 975.4 | 971.6 | 975.4 | 979.2 | 983.0 |
| 132.5° | 1035.1 | 1032.5 | 1029.9 | 1027.0 | 1023.8 | 1020.6 | 1017.4 | 1014.1 | 1017.4 | 1020.6 | 1023.8 |
| 135° | 1091.7 | 1089.6 | 1087.5 | 1084.5 | 1080.8 | 1077.0 | 1073.2 | 1069.4 | 1073.2 | 1077.0 | 1080.8 |
| 137.5° | 1143.3 | 1140.9 | 1138.4 | 1135.9 | 1133.3 | 1130.6 | 1128.0 | 1125.3 | 1128.0 | 1130.6 | 1133.3 |
| 140° | 1176.9 | 1174.3 | 1171.7 | 1169.5 | 1167.6 | 1165.7 | 1163.8 | 1161.9 | 1163.8 | 1165.7 | 1167.6 |
| 142.5° | 1207.6 | 1204.6 | 1201.7 | 1199.3 | 1197.6 | 1195.9 | 1194.2 | 1192.5 | 1194.2 | 1195.9 | 1197.6 |
| 145° | 1249.5 | 1245.5 | 1241.5 | 1239.6 | 1239.9 | 1240.1 | 1240.3 | 1240.6 | 1240.3 | 1240.1 | 1239.9 |
| 147.5° | 1288.3 | 1284.4 | 1280.4 | 1278.9 | 1279.8 | 1280.7 | 1281.6 | 1282.5 | 1281.6 | 1280.7 | 1279.8 |
| 150° | 1311.7 | 1307.9 | 1304.1 | 1303.1 | 1304.7 | 1306.4 | 1308.0 | 1309.7 | 1308.0 | 1306.4 | 1304.7 |
| 152.5° | 1333.3 | 1329.7 | 1326.1 | 1325.3 | 1327.1 | 1328.9 | 1330.8 | 1332.6 | 1330.8 | 1328.9 | 1327.1 |
| 155° | 1363.5 | 1360.7 | 1357.9 | 1357.5 | 1359.6 | 1361.8 | 1363.9 | 1366.0 | 1363.9 | 1361.8 | 1359.6 |
| 157.5° | 1389.0 | 1387.1 | 1385.1 | 1385.0 | 1386.8 | 1388.6 | 1390.4 | 1392.2 | 1390.4 | 1388.6 | 1386.8 |
| 160° | 1404.6 | 1403.2 | 1401.8 | 1401.8 | 1403.2 | 1404.6 | 1406.1 | 1407.5 | 1406.1 | 1404.6 | 1403.2 |
| 162.5° | 1417.8 | 1416.5 | 1415.3 | 1415.4 | 1416.8 | 1418.2 | 1419.7 | 1421.1 | 1419.7 | 1418.2 | 1416.8 |
| 165° | 1434.8 | 1434.0 | 1433.3 | 1433.7 | 1435.1 | 1436.5 | 1437.9 | 1439.4 | 1437.9 | 1436.5 | 1435.1 |
| 167.5° | 1448.2 | 1447.6 | 1446.9 | 1447.3 | 1448.7 | 1450.1 | 1451.6 | 1453.0 | 1451.6 | 1450.1 | 1448.7 |
| 170° | 1455.4 | 1455.0 | 1454.5 | 1455.0 | 1456.4 | 1457.8 | 1459.2 | 1460.6 | 1459.2 | 1457.8 | 1456.4 |
| 172.5° | 1460.5 | 1460.1 | 1459.6 | 1460.1 | 1461.5 | 1462.9 | 1464.3 | 1465.7 | 1464.3 | 1462.9 | 1461.5 |
| 175° | 1466.1 | 1465.6 | 1465.1 | 1465.7 | 1467.4 | 1469.0 | 1470.7 | 1472.3 | 1470.7 | 1469.0 | 1467.4 |
| 177.5° | 1467.9 | 1467.7 | 1467.5 | 1468.1 | 1469.4 | 1470.7 | 1472.1 | 1473.4 | 1472.1 | 1470.7 | 1469.4 |
| 180° | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-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° | 13.9 | 13.8 | 12.9 | 13.3 | 13.7 | 13.4 | 13.7 | 13.3 | 13.5 | 13.8 | 13.3 |
| 90° | 11.5 | 13.7 | 15.6 | 17.5 | 19.4 | 21.3 | 22.4 | 23.6 | 24.8 | 26.0 | 26.8 |
| 92.5° | 20.5 | 20.9 | 21.8 | 22.8 | 23.7 | 24.7 | 25.3 | 25.9 | 26.5 | 27.1 | 27.6 |
| 95° | 37.9 | 34.8 | 36.5 | 38.2 | 39.8 | 41.5 | 42.6 | 43.8 | 45.0 | 46.2 | 46.7 |
| 97.5° | 49.3 | 40.2 | 44.0 | 47.8 | 51.7 | 55.5 | 56.4 | 57.4 | 58.3 | 59.3 | 59.9 |
| 100° | 58.7 | 44.5 | 48.5 | 52.6 | 56.6 | 60.6 | 62.5 | 64.4 | 66.3 | 68.2 | 69.3 |
| 102.5° | 216.9 | 196.7 | 163.1 | 129.5 | 95.9 | 62.3 | 64.8 | 67.2 | 69.7 | 72.1 | 73.7 |
| 105° | 351.5 | 322.8 | 258.3 | 193.8 | 129.3 | 64.8 | 67.4 | 70.0 | 72.6 | 75.2 | 77.0 |
| 107.5° | 436.0 | 400.2 | 322.8 | 245.5 | 168.1 | 90.8 | 88.1 | 85.5 | 82.8 | 80.2 | 79.4 |
| 110° | 490.8 | 459.1 | 390.8 | 322.6 | 254.3 | 186.0 | 162.4 | 138.8 | 115.2 | 91.5 | 80.2 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 542.9 | 536.7 | 519.8 | 503.0 | 486.1 | 469.2 | 383.1 | 296.9 | 210.7 | 124.5 | 81.8 |
| 115° | 627.3 | 632.3 | 638.2 | 644.1 | 650.0 | 655.9 | 546.5 | 437.1 | 327.8 | 218.4 | 155.2 |
| 117.5° | 706.0 | 710.2 | 714.3 | 718.4 | 722.4 | 726.5 | 700.0 | 673.6 | 647.1 | 620.7 | 579.5 |
| 120° | 758.3 | 762.2 | 766.5 | 770.7 | 775.0 | 779.2 | 782.0 | 784.9 | 787.7 | 790.6 | 776.0 |
| 122.5° | 806.7 | 810.9 | 815.5 | 820.1 | 824.8 | 829.4 | 831.1 | 832.8 | 834.5 | 836.2 | 833.9 |
| 125° | 876.5 | 880.3 | 884.8 | 889.3 | 893.8 | 898.3 | 899.9 | 901.6 | 903.2 | 904.9 | 906.1 |
| 127.5° | 943.6 | 946.9 | 950.3 | 953.6 | 957.0 | 960.4 | 962.8 | 965.2 | 967.6 | 970.0 | 971.3 |
| 130° | 986.7 | 989.9 | 992.5 | 995.1 | 997.7 | 1000.3 | 1002.9 | 1005.5 | 1008.1 | 1010.7 | 1011.9 |
| 132.5° | 1027.0 | 1029.9 | 1032.5 | 1035.1 | 1037.7 | 1040.3 | 1042.5 | 1044.7 | 1047.0 | 1049.2 | 1050.2 |
| 135° | 1084.5 | 1087.5 | 1089.6 | 1091.7 | 1093.9 | 1096.0 | 1098.4 | 1100.7 | 1103.1 | 1105.4 | 1106.4 |
| 137.5° | 1135.9 | 1138.4 | 1140.9 | 1143.3 | 1145.7 | 1148.1 | 1150.4 | 1152.7 | 1155.0 | 1157.3 | 1158.1 |
| 140° | 1169.5 | 1171.7 | 1174.3 | 1176.9 | 1179.5 | 1182.1 | 1184.2 | 1186.4 | 1188.5 | 1190.6 | 1191.1 |
| 142.5° | 1199.3 | 1201.7 | 1204.6 | 1207.6 | 1210.6 | 1213.6 | 1215.5 | 1217.4 | 1219.4 | 1221.3 | 1221.7 |
| 145° | 1239.6 | 1241.5 | 1245.5 | 1249.5 | 1253.6 | 1257.6 | 1259.2 | 1260.9 | 1262.5 | 1264.2 | 1264.4 |
| 147.5° | 1278.9 | 1280.4 | 1284.4 | 1288.3 | 1292.3 | 1296.3 | 1297.5 | 1298.7 | 1300.0 | 1301.2 | 1301.3 |
| 150° | 1303.1 | 1304.1 | 1307.9 | 1311.7 | 1315.5 | 1319.2 | 1320.7 | 1322.1 | 1323.5 | 1324.9 | 1325.0 |
| 152.5° | 1325.3 | 1326.1 | 1329.7 | 1333.3 | 1336.9 | 1340.5 | 1341.9 | 1343.3 | 1344.8 | 1346.2 | 1346.1 |
| 155° | 1357.5 | 1357.9 | 1360.7 | 1363.5 | 1366.4 | 1369.2 | 1370.6 | 1372.0 | 1373.5 | 1374.9 | 1374.6 |
| 157.5° | 1385.0 | 1385.1 | 1387.1 | 1389.0 | 1391.0 | 1393.0 | 1394.6 | 1396.2 | 1397.8 | 1399.4 | 1399.3 |
| 160° | 1401.8 | 1401.8 | 1403.2 | 1404.6 | 1406.1 | 1407.5 | 1408.9 | 1410.3 | 1411.7 | 1413.1 | 1413.0 |
| 162.5° | 1415.4 | 1415.3 | 1416.5 | 1417.8 | 1419.0 | 1420.2 | 1421.8 | 1423.4 | 1425.0 | 1426.7 | 1426.4 |
| 165° | 1433.7 | 1433.3 | 1434.0 | 1434.8 | 1435.5 | 1436.2 | 1437.8 | 1439.5 | 1441.1 | 1442.8 | 1442.8 |
| 167.5° | 1447.3 | 1446.9 | 1447.6 | 1448.2 | 1448.9 | 1449.6 | 1451.2 | 1452.9 | 1454.5 | 1456.2 | 1455.9 |
| 170° | 1455.0 | 1454.5 | 1455.0 | 1455.4 | 1455.9 | 1456.4 | 1458.0 | 1459.7 | 1461.3 | 1463.0 | 1462.7 |
| 172.5° | 1460.1 | 1459.6 | 1460.1 | 1460.5 | 1461.0 | 1461.5 | 1463.1 | 1464.8 | 1466.4 | 1468.1 | 1467.9 |
| 175° | 1465.7 | 1465.1 | 1465.6 | 1466.1 | 1466.5 | 1467.0 | 1468.7 | 1470.3 | 1472.0 | 1473.6 | 1473.3 |
| 177.5° | 1468.1 | 1467.5 | 1467.7 | 1467.9 | 1468.1 | 1468.3 | 1469.6 | 1470.9 | 1472.2 | 1473.6 | 1473.4 |
| 180° | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-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° | 13.4 | 12.9 | 13.6 | 13.1 | 13.6 | 12.9 | 13.4 | 13.3 | 13.8 | 13.5 | 13.3 |
| 90° | 27.3 | 27.8 | 28.2 | 28.7 | 28.2 | 27.8 | 27.3 | 26.8 | 26.0 | 24.8 | 23.6 |
| 92.5° | 27.9 | 28.1 | 28.4 | 28.7 | 28.4 | 28.1 | 27.9 | 27.6 | 27.1 | 26.5 | 25.9 |
| 95° | 46.4 | 46.2 | 45.9 | 45.7 | 45.9 | 46.2 | 46.4 | 46.7 | 46.2 | 45.0 | 43.8 |
| 97.5° | 60.2 | 60.5 | 60.7 | 61.0 | 60.7 | 60.5 | 60.2 | 59.9 | 59.3 | 58.3 | 57.4 |
| 100° | 69.8 | 70.3 | 70.8 | 71.2 | 70.8 | 70.3 | 69.8 | 69.3 | 68.2 | 66.3 | 64.4 |
| 102.5° | 74.3 | 75.0 | 75.7 | 76.3 | 75.7 | 75.0 | 74.3 | 73.7 | 72.1 | 69.7 | 67.2 |
| 105° | 78.0 | 78.9 | 79.8 | 80.8 | 79.8 | 78.9 | 78.0 | 77.0 | 75.2 | 72.6 | 70.0 |
| 107.5° | 80.3 | 81.2 | 82.2 | 83.1 | 82.2 | 81.2 | 80.3 | 79.4 | 80.2 | 82.8 | 85.5 |
| 110° | 81.1 | 82.1 | 83.0 | 84.0 | 83.0 | 82.1 | 81.1 | 80.2 | 91.5 | 115.2 | 138.8 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 82.6 | 83.3 | 84.1 | 84.8 | 84.1 | 83.3 | 82.6 | 81.8 | 124.5 | 210.7 | 296.9 |
| 115° | 138.2 | 121.2 | 104.2 | 87.2 | 104.2 | 121.2 | 138.2 | 155.2 | 218.4 | 327.8 | 437.1 |
| 117.5° | 523.6 | 467.7 | 411.8 | 355.9 | 411.8 | 467.7 | 523.6 | 579.5 | 620.7 | 647.1 | 673.6 |
| 120° | 744.1 | 712.2 | 680.3 | 648.5 | 680.3 | 712.2 | 744.1 | 776.0 | 790.6 | 787.7 | 784.9 |
| 122.5° | 827.8 | 821.6 | 815.4 | 809.2 | 815.4 | 821.6 | 827.8 | 833.9 | 836.2 | 834.5 | 832.8 |
| 125° | 906.8 | 907.5 | 908.2 | 908.9 | 908.2 | 907.5 | 906.8 | 906.1 | 904.9 | 903.2 | 901.6 |
| 127.5° | 971.4 | 971.6 | 971.7 | 971.8 | 971.7 | 971.6 | 971.4 | 971.3 | 970.0 | 967.6 | 965.2 |
| 130° | 1011.7 | 1011.4 | 1011.2 | 1011.0 | 1011.2 | 1011.4 | 1011.7 | 1011.9 | 1010.7 | 1008.1 | 1005.5 |
| 132.5° | 1049.9 | 1049.7 | 1049.5 | 1049.2 | 1049.5 | 1049.7 | 1049.9 | 1050.2 | 1049.2 | 1047.0 | 1044.7 |
| 135° | 1105.9 | 1105.4 | 1105.0 | 1104.5 | 1105.0 | 1105.4 | 1105.9 | 1106.4 | 1105.4 | 1103.1 | 1100.7 |
| 137.5° | 1157.3 | 1156.5 | 1155.7 | 1154.9 | 1155.7 | 1156.5 | 1157.3 | 1158.1 | 1157.3 | 1155.0 | 1152.7 |
| 140° | 1189.9 | 1188.7 | 1187.5 | 1186.4 | 1187.5 | 1188.7 | 1189.9 | 1191.1 | 1190.6 | 1188.5 | 1186.4 |
| 142.5° | 1220.5 | 1219.3 | 1218.2 | 1217.0 | 1218.2 | 1219.3 | 1220.5 | 1221.7 | 1221.3 | 1219.4 | 1217.4 |
| 145° | 1263.3 | 1262.1 | 1260.9 | 1259.7 | 1260.9 | 1262.1 | 1263.3 | 1264.4 | 1264.2 | 1262.5 | 1260.9 |
| 147.5° | 1300.3 | 1299.3 | 1298.3 | 1297.3 | 1298.3 | 1299.3 | 1300.3 | 1301.3 | 1301.2 | 1300.0 | 1298.7 |
| 150° | 1323.8 | 1322.7 | 1321.5 | 1320.3 | 1321.5 | 1322.7 | 1323.8 | 1325.0 | 1324.9 | 1323.5 | 1322.1 |
| 152.5° | 1344.5 | 1343.0 | 1341.4 | 1339.9 | 1341.4 | 1343.0 | 1344.5 | 1346.1 | 1346.2 | 1344.8 | 1343.3 |
| 155° | 1372.7 | 1370.9 | 1369.0 | 1367.1 | 1369.0 | 1370.9 | 1372.7 | 1374.6 | 1374.9 | 1373.5 | 1372.0 |
| 157.5° | 1397.5 | 1395.6 | 1393.8 | 1391.9 | 1393.8 | 1395.6 | 1397.5 | 1399.3 | 1399.4 | 1397.8 | 1396.2 |
| 160° | 1411.4 | 1409.7 | 1408.1 | 1406.4 | 1408.1 | 1409.7 | 1411.4 | 1413.0 | 1413.1 | 1411.7 | 1410.3 |
| 162.5° | 1424.4 | 1422.4 | 1420.3 | 1418.3 | 1420.3 | 1422.4 | 1424.4 | 1426.4 | 1426.7 | 1425.0 | 1423.4 |
| 165° | 1441.1 | 1439.5 | 1437.8 | 1436.2 | 1437.8 | 1439.5 | 1441.1 | 1442.8 | 1442.8 | 1441.1 | 1439.5 |
| 167.5° | 1453.8 | 1451.7 | 1449.6 | 1447.4 | 1449.6 | 1451.7 | 1453.8 | 1455.9 | 1456.2 | 1454.5 | 1452.9 |
| 170° | 1460.6 | 1458.5 | 1456.4 | 1454.2 | 1456.4 | 1458.5 | 1460.6 | 1462.7 | 1463.0 | 1461.3 | 1459.7 |
| 172.5° | 1465.7 | 1463.6 | 1461.5 | 1459.3 | 1461.5 | 1463.6 | 1465.7 | 1467.9 | 1468.1 | 1466.4 | 1464.8 |
| 175° | 1470.9 | 1468.5 | 1466.2 | 1463.8 | 1466.2 | 1468.5 | 1470.9 | 1473.3 | 1473.6 | 1472.0 | 1470.3 |
| 177.5° | 1471.7 | 1470.0 | 1468.3 | 1466.6 | 1468.3 | 1470.0 | 1471.7 | 1473.4 | 1473.6 | 1472.2 | 1470.9 |
| 180° | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-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° | 13.7 | 13.4 | 13.7 | 13.3 | 12.9 | 13.8 | 13.9 | 14.0 | 14.7 | 16.1 | 18.0 |
| 90° | 22.4 | 21.3 | 19.4 | 17.5 | 15.6 | 13.7 | 11.5 | 8.9 | 6.3 | 3.7 | 1.1 |
| 92.5° | 25.3 | 24.7 | 23.7 | 22.8 | 21.8 | 20.9 | 20.5 | 20.8 | 21.0 | 21.2 | 21.5 |
| 95° | 42.6 | 41.5 | 39.8 | 38.2 | 36.5 | 34.8 | 37.9 | 45.7 | 53.5 | 61.3 | 69.1 |
| 97.5° | 56.4 | 55.5 | 51.7 | 47.8 | 44.0 | 40.2 | 49.3 | 71.2 | 93.2 | 115.2 | 137.1 |
| 100° | 62.5 | 60.6 | 56.6 | 52.6 | 48.5 | 44.5 | 58.7 | 91.1 | 123.4 | 155.8 | 188.2 |
| 102.5° | 64.8 | 62.3 | 95.9 | 129.5 | 163.1 | 196.7 | 216.9 | 223.7 | 230.6 | 237.4 | 244.3 |
| 105° | 67.4 | 64.8 | 129.3 | 193.8 | 258.3 | 322.8 | 351.5 | 344.4 | 337.3 | 330.3 | 323.2 |
| 107.5° | 88.1 | 90.8 | 168.1 | 245.5 | 322.8 | 400.2 | 436.0 | 430.2 | 424.5 | 418.8 | 413.1 |
| 110° | 162.4 | 186.0 | 254.3 | 322.6 | 390.8 | 459.1 | 490.8 | 485.8 | 480.9 | 475.9 | 470.9 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 383.1 | 469.2 | 486.1 | 503.0 | 519.8 | 536.7 | 542.9 | 538.5 | 534.1 | 529.8 | 525.4 |
| 115° | 546.5 | 655.9 | 650.0 | 644.1 | 638.2 | 632.3 | 627.3 | 623.3 | 619.3 | 615.3 | 611.3 |
| 117.5° | 700.0 | 726.5 | 722.4 | 718.4 | 714.3 | 710.2 | 706.0 | 701.5 | 697.0 | 692.5 | 688.0 |
| 120° | 782.0 | 779.2 | 775.0 | 770.7 | 766.5 | 762.2 | 758.3 | 754.8 | 751.2 | 747.7 | 744.1 |
| 122.5° | 831.1 | 829.4 | 824.8 | 820.1 | 815.5 | 810.9 | 806.7 | 803.0 | 799.2 | 795.5 | 791.8 |
| 125° | 899.9 | 898.3 | 893.8 | 889.3 | 884.8 | 880.3 | 876.5 | 873.5 | 870.4 | 867.3 | 864.3 |
| 127.5° | 962.8 | 960.4 | 957.0 | 953.6 | 950.3 | 946.9 | 943.6 | 940.2 | 936.8 | 933.4 | 930.0 |
| 130° | 1002.9 | 1000.3 | 997.7 | 995.1 | 992.5 | 989.9 | 986.7 | 983.0 | 979.2 | 975.4 | 971.6 |
| 132.5° | 1042.5 | 1040.3 | 1037.7 | 1035.1 | 1032.5 | 1029.9 | 1027.0 | 1023.8 | 1020.6 | 1017.4 | 1014.1 |
| 135° | 1098.4 | 1096.0 | 1093.9 | 1091.7 | 1089.6 | 1087.5 | 1084.5 | 1080.8 | 1077.0 | 1073.2 | 1069.4 |
| 137.5° | 1150.4 | 1148.1 | 1145.7 | 1143.3 | 1140.9 | 1138.4 | 1135.9 | 1133.3 | 1130.6 | 1128.0 | 1125.3 |
| 140° | 1184.2 | 1182.1 | 1179.5 | 1176.9 | 1174.3 | 1171.7 | 1169.5 | 1167.6 | 1165.7 | 1163.8 | 1161.9 |
| 142.5° | 1215.5 | 1213.6 | 1210.6 | 1207.6 | 1204.6 | 1201.7 | 1199.3 | 1197.6 | 1195.9 | 1194.2 | 1192.5 |
| 145° | 1259.2 | 1257.6 | 1253.6 | 1249.5 | 1245.5 | 1241.5 | 1239.6 | 1239.9 | 1240.1 | 1240.3 | 1240.6 |
| 147.5° | 1297.5 | 1296.3 | 1292.3 | 1288.3 | 1284.4 | 1280.4 | 1278.9 | 1279.8 | 1280.7 | 1281.6 | 1282.5 |
| 150° | 1320.7 | 1319.2 | 1315.5 | 1311.7 | 1307.9 | 1304.1 | 1303.1 | 1304.7 | 1306.4 | 1308.0 | 1309.7 |
| 152.5° | 1341.9 | 1340.5 | 1336.9 | 1333.3 | 1329.7 | 1326.1 | 1325.3 | 1327.1 | 1328.9 | 1330.8 | 1332.6 |
| 155° | 1370.6 | 1369.2 | 1366.4 | 1363.5 | 1360.7 | 1357.9 | 1357.5 | 1359.6 | 1361.8 | 1363.9 | 1366.0 |
| 157.5° | 1394.6 | 1393.0 | 1391.0 | 1389.0 | 1387.1 | 1385.1 | 1385.0 | 1386.8 | 1388.6 | 1390.4 | 1392.2 |
| 160° | 1408.9 | 1407.5 | 1406.1 | 1404.6 | 1403.2 | 1401.8 | 1401.8 | 1403.2 | 1404.6 | 1406.1 | 1407.5 |
| 162.5° | 1421.8 | 1420.2 | 1419.0 | 1417.8 | 1416.5 | 1415.3 | 1415.4 | 1416.8 | 1418.2 | 1419.7 | 1421.1 |
| 165° | 1437.8 | 1436.2 | 1435.5 | 1434.8 | 1434.0 | 1433.3 | 1433.7 | 1435.1 | 1436.5 | 1437.9 | 1439.4 |
| 167.5° | 1451.2 | 1449.6 | 1448.9 | 1448.2 | 1447.6 | 1446.9 | 1447.3 | 1448.7 | 1450.1 | 1451.6 | 1453.0 |
| 170° | 1458.0 | 1456.4 | 1455.9 | 1455.4 | 1455.0 | 1454.5 | 1455.0 | 1456.4 | 1457.8 | 1459.2 | 1460.6 |
| 172.5° | 1463.1 | 1461.5 | 1461.0 | 1460.5 | 1460.1 | 1459.6 | 1460.1 | 1461.5 | 1462.9 | 1464.3 | 1465.7 |
| 175° | 1468.7 | 1467.0 | 1466.5 | 1466.1 | 1465.6 | 1465.1 | 1465.7 | 1467.4 | 1469.0 | 1470.7 | 1472.3 |
| 177.5° | 1469.6 | 1468.3 | 1468.1 | 1467.9 | 1467.7 | 1467.5 | 1468.1 | 1469.4 | 1470.7 | 1472.1 | 1473.4 |
| 180° | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-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° | 15.4 | 12.9 | 12.8 | 12.7 | 13.8 | 14.2 | 13.9 | 14.3 | 15.3 | 14.9 | 15.8 |
| 90° | 3.7 | 6.3 | 8.9 | 11.5 | 13.7 | 15.6 | 17.5 | 19.4 | 21.3 | 22.4 | 23.6 |
| 92.5° | 21.2 | 21.0 | 20.8 | 20.5 | 20.9 | 21.8 | 22.8 | 23.7 | 24.7 | 25.3 | 25.9 |
| 95° | 61.3 | 53.5 | 45.7 | 37.9 | 34.8 | 36.5 | 38.2 | 39.8 | 41.5 | 42.6 | 43.8 |
| 97.5° | 115.2 | 93.2 | 71.2 | 49.3 | 40.2 | 44.0 | 47.8 | 51.7 | 55.5 | 56.4 | 57.4 |
| 100° | 155.8 | 123.4 | 91.1 | 58.7 | 44.5 | 48.5 | 52.6 | 56.6 | 60.6 | 62.5 | 64.4 |
| 102.5° | 237.4 | 230.6 | 223.7 | 216.9 | 196.7 | 163.1 | 129.5 | 95.9 | 62.3 | 64.8 | 67.2 |
| 105° | 330.3 | 337.3 | 344.4 | 351.5 | 322.8 | 258.3 | 193.8 | 129.3 | 64.8 | 67.4 | 70.0 |
| 107.5° | 418.8 | 424.5 | 430.2 | 436.0 | 400.2 | 322.8 | 245.5 | 168.1 | 90.8 | 88.1 | 85.5 |
| 110° | 475.9 | 480.9 | 485.8 | 490.8 | 459.1 | 390.8 | 322.6 | 254.3 | 186.0 | 162.4 | 138.8 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 529.8 | 534.1 | 538.5 | 542.9 | 536.7 | 519.8 | 503.0 | 486.1 | 469.2 | 383.1 | 296.9 |
| 115° | 615.3 | 619.3 | 623.3 | 627.3 | 632.3 | 638.2 | 644.1 | 650.0 | 655.9 | 546.5 | 437.1 |
| 117.5° | 692.5 | 697.0 | 701.5 | 706.0 | 710.2 | 714.3 | 718.4 | 722.4 | 726.5 | 700.0 | 673.6 |
| 120° | 747.7 | 751.2 | 754.8 | 758.3 | 762.2 | 766.5 | 770.7 | 775.0 | 779.2 | 782.0 | 784.9 |
| 122.5° | 795.5 | 799.2 | 803.0 | 806.7 | 810.9 | 815.5 | 820.1 | 824.8 | 829.4 | 831.1 | 832.8 |
| 125° | 867.3 | 870.4 | 873.5 | 876.5 | 880.3 | 884.8 | 889.3 | 893.8 | 898.3 | 899.9 | 901.6 |
| 127.5° | 933.4 | 936.8 | 940.2 | 943.6 | 946.9 | 950.3 | 953.6 | 957.0 | 960.4 | 962.8 | 965.2 |
| 130° | 975.4 | 979.2 | 983.0 | 986.7 | 989.9 | 992.5 | 995.1 | 997.7 | 1000.3 | 1002.9 | 1005.5 |
| 132.5° | 1017.4 | 1020.6 | 1023.8 | 1027.0 | 1029.9 | 1032.5 | 1035.1 | 1037.7 | 1040.3 | 1042.5 | 1044.7 |
| 135° | 1073.2 | 1077.0 | 1080.8 | 1084.5 | 1087.5 | 1089.6 | 1091.7 | 1093.9 | 1096.0 | 1098.4 | 1100.7 |
| 137.5° | 1128.0 | 1130.6 | 1133.3 | 1135.9 | 1138.4 | 1140.9 | 1143.3 | 1145.7 | 1148.1 | 1150.4 | 1152.7 |
| 140° | 1163.8 | 1165.7 | 1167.6 | 1169.5 | 1171.7 | 1174.3 | 1176.9 | 1179.5 | 1182.1 | 1184.2 | 1186.4 |
| 142.5° | 1194.2 | 1195.9 | 1197.6 | 1199.3 | 1201.7 | 1204.6 | 1207.6 | 1210.6 | 1213.6 | 1215.5 | 1217.4 |
| 145° | 1240.3 | 1240.1 | 1239.9 | 1239.6 | 1241.5 | 1245.5 | 1249.5 | 1253.6 | 1257.6 | 1259.2 | 1260.9 |
| 147.5° | 1281.6 | 1280.7 | 1279.8 | 1278.9 | 1280.4 | 1284.4 | 1288.3 | 1292.3 | 1296.3 | 1297.5 | 1298.7 |
| 150° | 1308.0 | 1306.4 | 1304.7 | 1303.1 | 1304.1 | 1307.9 | 1311.7 | 1315.5 | 1319.2 | 1320.7 | 1322.1 |
| 152.5° | 1330.8 | 1328.9 | 1327.1 | 1325.3 | 1326.1 | 1329.7 | 1333.3 | 1336.9 | 1340.5 | 1341.9 | 1343.3 |
| 155° | 1363.9 | 1361.8 | 1359.6 | 1357.5 | 1357.9 | 1360.7 | 1363.5 | 1366.4 | 1369.2 | 1370.6 | 1372.0 |
| 157.5° | 1390.4 | 1388.6 | 1386.8 | 1385.0 | 1385.1 | 1387.1 | 1389.0 | 1391.0 | 1393.0 | 1394.6 | 1396.2 |
| 160° | 1406.1 | 1404.6 | 1403.2 | 1401.8 | 1401.8 | 1403.2 | 1404.6 | 1406.1 | 1407.5 | 1408.9 | 1410.3 |
| 162.5° | 1419.7 | 1418.2 | 1416.8 | 1415.4 | 1415.3 | 1416.5 | 1417.8 | 1419.0 | 1420.2 | 1421.8 | 1423.4 |
| 165° | 1437.9 | 1436.5 | 1435.1 | 1433.7 | 1433.3 | 1434.0 | 1434.8 | 1435.5 | 1436.2 | 1437.8 | 1439.5 |
| 167.5° | 1451.6 | 1450.1 | 1448.7 | 1447.3 | 1446.9 | 1447.6 | 1448.2 | 1448.9 | 1449.6 | 1451.2 | 1452.9 |
| 170° | 1459.2 | 1457.8 | 1456.4 | 1455.0 | 1454.5 | 1455.0 | 1455.4 | 1455.9 | 1456.4 | 1458.0 | 1459.7 |
| 172.5° | 1464.3 | 1462.9 | 1461.5 | 1460.1 | 1459.6 | 1460.1 | 1460.5 | 1461.0 | 1461.5 | 1463.1 | 1464.8 |
| 175° | 1470.7 | 1469.0 | 1467.4 | 1465.7 | 1465.1 | 1465.6 | 1466.1 | 1466.5 | 1467.0 | 1468.7 | 1470.3 |
| 177.5° | 1472.1 | 1470.7 | 1469.4 | 1468.1 | 1467.5 | 1467.7 | 1467.9 | 1468.1 | 1468.3 | 1469.6 | 1470.9 |
| 180° | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-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° | 15.4 | 15.6 | 15.8 | 15.9 | 16.0 | 16.1 | 15.5 |
| 90° | 24.8 | 26.0 | 26.8 | 27.3 | 27.8 | 28.2 | 28.7 |
| 92.5° | 26.5 | 27.1 | 27.6 | 27.9 | 28.1 | 28.4 | 28.7 |
| 95° | 45.0 | 46.2 | 46.7 | 46.4 | 46.2 | 45.9 | 45.7 |
| 97.5° | 58.3 | 59.3 | 59.9 | 60.2 | 60.5 | 60.7 | 61.0 |
| 100° | 66.3 | 68.2 | 69.3 | 69.8 | 70.3 | 70.8 | 71.2 |
| 102.5° | 69.7 | 72.1 | 73.7 | 74.3 | 75.0 | 75.7 | 76.3 |
| 105° | 72.6 | 75.2 | 77.0 | 78.0 | 78.9 | 79.8 | 80.8 |
| 107.5° | 82.8 | 80.2 | 79.4 | 80.3 | 81.2 | 82.2 | 83.1 |
| 110° | 115.2 | 91.5 | 80.2 | 81.1 | 82.1 | 83.0 | 84.0 |



TEST NUMBER: P331759

CATALOG NUMBER: S122RDIP-S1005D1080U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 210.7 | 124.5 | 81.8 | 82.6 | 83.3 | 84.1 | 84.8 |
| 115° | 327.8 | 218.4 | 155.2 | 138.2 | 121.2 | 104.2 | 87.2 |
| 117.5° | 647.1 | 620.7 | 579.5 | 523.6 | 467.7 | 411.8 | 355.9 |
| 120° | 787.7 | 790.6 | 776.0 | 744.1 | 712.2 | 680.3 | 648.5 |
| 122.5° | 834.5 | 836.2 | 833.9 | 827.8 | 821.6 | 815.4 | 809.2 |
| 125° | 903.2 | 904.9 | 906.1 | 906.8 | 907.5 | 908.2 | 908.9 |
| 127.5° | 967.6 | 970.0 | 971.3 | 971.4 | 971.6 | 971.7 | 971.8 |
| 130° | 1008.1 | 1010.7 | 1011.9 | 1011.7 | 1011.4 | 1011.2 | 1011.0 |
| 132.5° | 1047.0 | 1049.2 | 1050.2 | 1049.9 | 1049.7 | 1049.5 | 1049.2 |
| 135° | 1103.1 | 1105.4 | 1106.4 | 1105.9 | 1105.4 | 1105.0 | 1104.5 |
| 137.5° | 1155.0 | 1157.3 | 1158.1 | 1157.3 | 1156.5 | 1155.7 | 1154.9 |
| 140° | 1188.5 | 1190.6 | 1191.1 | 1189.9 | 1188.7 | 1187.5 | 1186.4 |
| 142.5° | 1219.4 | 1221.3 | 1221.7 | 1220.5 | 1219.3 | 1218.2 | 1217.0 |
| 145° | 1262.5 | 1264.2 | 1264.4 | 1263.3 | 1262.1 | 1260.9 | 1259.7 |
| 147.5° | 1300.0 | 1301.2 | 1301.3 | 1300.3 | 1299.3 | 1298.3 | 1297.3 |
| 150° | 1323.5 | 1324.9 | 1325.0 | 1323.8 | 1322.7 | 1321.5 | 1320.3 |
| 152.5° | 1344.8 | 1346.2 | 1346.1 | 1344.5 | 1343.0 | 1341.4 | 1339.9 |
| 155° | 1373.5 | 1374.9 | 1374.6 | 1372.7 | 1370.9 | 1369.0 | 1367.1 |
| 157.5° | 1397.8 | 1399.4 | 1399.3 | 1397.5 | 1395.6 | 1393.8 | 1391.9 |
| 160° | 1411.7 | 1413.1 | 1413.0 | 1411.4 | 1409.7 | 1408.1 | 1406.4 |
| 162.5° | 1425.0 | 1426.7 | 1426.4 | 1424.4 | 1422.4 | 1420.3 | 1418.3 |
| 165° | 1441.1 | 1442.8 | 1442.8 | 1441.1 | 1439.5 | 1437.8 | 1436.2 |
| 167.5° | 1454.5 | 1456.2 | 1455.9 | 1453.8 | 1451.7 | 1449.6 | 1447.4 |
| 170° | 1461.3 | 1463.0 | 1462.7 | 1460.6 | 1458.5 | 1456.4 | 1454.2 |
| 172.5° | 1466.4 | 1468.1 | 1467.9 | 1465.7 | 1463.6 | 1461.5 | 1459.3 |
| 175° | 1472.0 | 1473.6 | 1473.3 | 1470.9 | 1468.5 | 1466.2 | 1463.8 |
| 177.5° | 1472.2 | 1473.6 | 1473.4 | 1471.7 | 1470.0 | 1468.3 | 1466.6 |
| 180° | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 | 1469.1 |

(END OF REPORT)