

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: P331773-840

Luminaire Tested: **S122RDIW-S290D970U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331773-840
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-S290D970U840-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 290 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 970 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5052.3 lumens
Efficiency: N/A
Efficacy: 133.0 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: Semi-Indirect

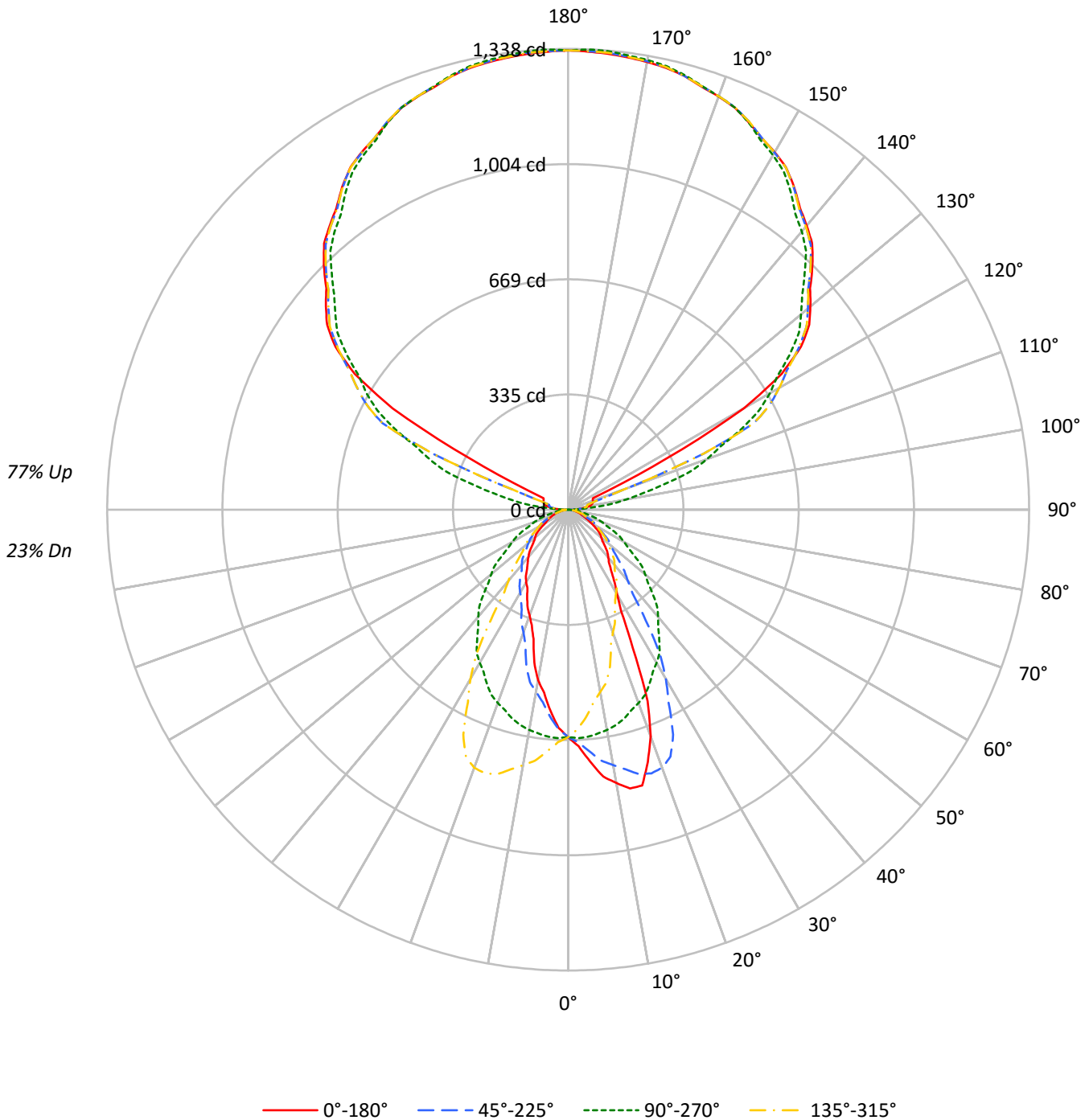
Input Watts (W): 38
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-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 | 101 | 101 | 101 | 101 | 89 | 89 | 89 | 89 | 68 | 68 | 68 | 49 | 49 | 49 | 31 | 31 | 31 | 23 |
| 1 | 92 | 88 | 84 | 81 | 82 | 78 | 75 | 73 | 60 | 58 | 56 | 43 | 42 | 41 | 28 | 27 | 27 | 20 |
| 2 | 84 | 77 | 72 | 67 | 74 | 69 | 64 | 60 | 53 | 50 | 47 | 38 | 37 | 35 | 25 | 24 | 23 | 17 |
| 3 | 77 | 68 | 61 | 56 | 68 | 61 | 55 | 51 | 47 | 43 | 40 | 34 | 32 | 30 | 22 | 21 | 20 | 15 |
| 4 | 70 | 60 | 53 | 48 | 62 | 54 | 48 | 43 | 42 | 38 | 34 | 31 | 28 | 26 | 20 | 19 | 18 | 13 |
| 5 | 65 | 54 | 46 | 41 | 57 | 48 | 42 | 37 | 38 | 33 | 30 | 28 | 25 | 23 | 18 | 17 | 16 | 12 |
| 6 | 60 | 48 | 41 | 35 | 53 | 43 | 37 | 32 | 34 | 29 | 26 | 25 | 22 | 20 | 17 | 15 | 14 | 11 |
| 7 | 55 | 44 | 36 | 31 | 49 | 39 | 33 | 28 | 31 | 26 | 23 | 23 | 20 | 18 | 16 | 14 | 12 | 10 |
| 8 | 51 | 40 | 32 | 27 | 45 | 36 | 29 | 25 | 28 | 24 | 20 | 21 | 18 | 16 | 14 | 13 | 11 | 9 |
| 9 | 47 | 36 | 29 | 24 | 42 | 32 | 26 | 22 | 26 | 21 | 18 | 19 | 16 | 14 | 13 | 12 | 10 | 8 |
| 10 | 44 | 33 | 26 | 22 | 39 | 30 | 24 | 20 | 24 | 19 | 16 | 18 | 15 | 13 | 12 | 11 | 9 | 7 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 10658 | 10658 | 10658 | 10658 |
| 5° | 11904 | 10726 | 9511 | 10726 |
| 10° | 13209 | 10650 | 8243 | 10650 |
| 15° | 13857 | 10494 | 6496 | 10494 |
| 20° | 12014 | 10263 | 5620 | 10263 |
| 25° | 7878 | 9948 | 5018 | 9948 |
| 30° | 5304 | 9562 | 4542 | 9562 |
| 35° | 4295 | 9079 | 4096 | 9079 |
| 40° | 3819 | 8553 | 3792 | 8553 |
| 45° | 3457 | 7935 | 3382 | 7935 |
| 50° | 3145 | 7322 | 3135 | 7322 |
| 55° | 2956 | 6643 | 2919 | 6643 |
| 60° | 2474 | 6022 | 2444 | 6022 |
| 65° | 2086 | 5467 | 2365 | 5467 |
| 70° | 1926 | 4881 | 2233 | 4881 |
| 75° | 1803 | 4255 | 2059 | 4255 |
| 80° | 1664 | 3505 | 1832 | 3505 |
| 85° | 1538 | 2760 | 1612 | 2760 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 62.6 | 1.2 |
| 10°-20° | 174.4 | 3.5 |
| 20°-30° | 224.7 | 4.4 |
| 30°-40° | 213.5 | 4.2 |
| 40°-50° | 182.9 | 3.6 |
| 50°-60° | 139.3 | 2.8 |
| 60°-70° | 88.1 | 1.7 |
| 70°-80° | 44.0 | 0.9 |
| 80°-90° | 14.7 | 0.3 |
| 90°-100° | 44.5 | 0.9 |
| 100°-110° | 163.1 | 3.2 |
| 110°-120° | 436.1 | 8.6 |
| 120°-130° | 719.8 | 14.2 |
| 130°-140° | 765.5 | 15.2 |
| 140°-150° | 711.5 | 14.1 |
| 150°-160° | 572.1 | 11.3 |
| 160°-170° | 368.6 | 7.3 |
| 170°-180° | 126.9 | 2.5 |
| 0°-30° | 461.7 | 9.1 |
| 0°-40° | 675.2 | 13.4 |
| 0°-60° | 997.5 | 19.7 |
| 0°-90° | 1144.3 | 22.6 |
| 90°-120° | 643.7 | 12.7 |
| 90°-150° | 2840.5 | 56.2 |
| 90°-180° | 3908.0 | 77.4 |
| 0°-180° | 5052.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 660 | 660 | 660 | 660 | 660 | |
| 5° | 734 | 662 | 587 | 662 | 734 | 72 |
| 15° | 829 | 628 | 389 | 628 | 829 | 224 |
| 25° | 442 | 558 | 282 | 558 | 442 | 210 |
| 35° | 218 | 461 | 208 | 461 | 218 | 139 |
| 45° | 151 | 348 | 148 | 348 | 151 | 117 |
| 55° | 105 | 236 | 104 | 236 | 105 | 92 |
| 65° | 55 | 143 | 62 | 143 | 55 | 56 |
| 75° | 29 | 68 | 33 | 68 | 29 | 31 |
| 85° | 8 | 15 | 9 | 15 | 8 | 10 |
| 90° | 26 | 1 | 26 | 1 | 26 | 12 |
| 95° | 42 | 63 | 42 | 63 | 42 | 39 |
| 105° | 73 | 293 | 73 | 293 | 73 | 76 |
| 115° | 79 | 555 | 79 | 555 | 79 | 198 |
| 125° | 825 | 784 | 825 | 784 | 825 | 714 |
| 135° | 1003 | 971 | 1003 | 971 | 1003 | 773 |
| 145° | 1144 | 1126 | 1144 | 1126 | 1144 | 715 |
| 155° | 1241 | 1240 | 1241 | 1240 | 1241 | 573 |
| 165° | 1304 | 1307 | 1304 | 1307 | 1304 | 368 |
| 175° | 1329 | 1336 | 1329 | 1336 | 1329 | 127 |
| 180° | 1334 | 1334 | 1334 | 1334 | 1334 | |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 |
| 2.5° | 687.0 | 687.5 | 688.1 | 686.8 | 686.8 | 685.7 | 683.3 | 681.5 | 676.3 | 675.6 | 675.6 |
| 5° | 734.5 | 734.1 | 735.0 | 732.0 | 727.9 | 726.9 | 722.6 | 716.8 | 710.8 | 704.3 | 702.9 |
| 7.5° | 781.7 | 781.0 | 779.2 | 778.7 | 775.6 | 768.6 | 761.6 | 754.2 | 744.3 | 734.6 | 729.7 |
| 10° | 805.7 | 813.2 | 808.6 | 800.6 | 802.1 | 791.4 | 785.7 | 775.8 | 767.5 | 753.1 | 749.9 |
| 12.5° | 829.1 | 832.1 | 830.6 | 826.1 | 824.0 | 816.6 | 808.8 | 800.2 | 785.0 | 772.0 | 760.7 |
| 15° | 829.0 | 833.3 | 834.6 | 833.1 | 834.2 | 833.8 | 829.7 | 822.6 | 809.3 | 795.1 | 782.6 |
| 17.5° | 767.8 | 770.8 | 778.4 | 783.5 | 789.9 | 803.4 | 810.2 | 812.7 | 810.8 | 802.6 | 794.0 |
| 20° | 699.2 | 694.2 | 715.3 | 726.0 | 735.2 | 758.1 | 777.9 | 785.5 | 797.6 | 797.4 | 795.1 |
| 22.5° | 601.9 | 603.1 | 623.1 | 635.9 | 662.7 | 685.7 | 708.1 | 736.6 | 760.1 | 775.7 | 784.8 |
| 25° | 442.2 | 451.0 | 470.9 | 488.4 | 518.2 | 560.9 | 599.7 | 644.6 | 687.0 | 720.5 | 752.5 |
| 27.5° | 332.1 | 332.9 | 348.6 | 364.8 | 382.4 | 417.4 | 466.3 | 519.9 | 580.4 | 630.4 | 687.7 |
| 30° | 284.5 | 283.1 | 289.7 | 299.6 | 314.8 | 341.8 | 378.5 | 431.2 | 491.6 | 566.8 | 633.8 |
| 32.5° | 250.6 | 250.7 | 255.8 | 263.1 | 275.6 | 293.9 | 319.0 | 361.9 | 418.9 | 492.9 | 571.4 |
| 35° | 217.9 | 217.7 | 221.4 | 226.6 | 231.9 | 243.6 | 260.8 | 283.3 | 322.6 | 391.5 | 471.8 |
| 37.5° | 194.4 | 195.4 | 197.2 | 200.6 | 206.3 | 212.9 | 223.2 | 238.3 | 266.2 | 307.1 | 374.6 |
| 40° | 181.2 | 181.7 | 184.2 | 186.9 | 190.4 | 195.4 | 203.9 | 216.1 | 236.5 | 269.0 | 318.4 |
| 42.5° | 169.2 | 169.6 | 171.4 | 173.9 | 176.6 | 181.7 | 188.7 | 199.2 | 215.8 | 241.2 | 281.9 |
| 45° | 151.4 | 151.4 | 153.0 | 154.1 | 157.1 | 161.7 | 167.4 | 176.2 | 187.6 | 206.4 | 233.5 |
| 47.5° | 134.8 | 134.8 | 135.9 | 137.8 | 139.8 | 143.3 | 149.0 | 156.1 | 164.4 | 178.9 | 202.1 |
| 50° | 125.2 | 125.5 | 126.1 | 127.7 | 129.0 | 132.1 | 136.5 | 142.7 | 151.4 | 162.7 | 181.9 |
| 52.5° | 117.5 | 117.4 | 118.3 | 119.0 | 119.8 | 122.0 | 125.3 | 130.8 | 138.6 | 148.3 | 164.3 |
| 55° | 105.0 | 104.1 | 105.5 | 106.6 | 107.3 | 108.3 | 110.1 | 113.5 | 120.2 | 128.5 | 140.4 |
| 57.5° | 89.5 | 89.1 | 90.1 | 91.1 | 93.3 | 95.7 | 97.4 | 99.5 | 102.9 | 108.9 | 120.7 |
| 60° | 76.6 | 76.6 | 78.7 | 79.4 | 81.9 | 85.1 | 88.4 | 90.2 | 93.6 | 97.5 | 106.2 |
| 62.5° | 65.2 | 65.4 | 66.3 | 67.1 | 68.5 | 72.4 | 77.0 | 81.0 | 84.2 | 88.0 | 93.7 |
| 65° | 54.6 | 55.0 | 55.0 | 55.5 | 56.5 | 57.4 | 59.2 | 62.4 | 68.2 | 73.4 | 77.8 |
| 67.5° | 46.4 | 46.5 | 46.7 | 47.1 | 47.3 | 48.3 | 49.1 | 50.5 | 51.8 | 56.8 | 62.2 |
| 70° | 40.8 | 41.5 | 41.3 | 41.7 | 42.0 | 42.4 | 43.3 | 44.0 | 46.2 | 47.3 | 50.5 |
| 72.5° | 35.6 | 36.2 | 36.2 | 36.5 | 37.1 | 37.2 | 37.9 | 38.6 | 39.9 | 40.8 | 42.6 |
| 75° | 28.9 | 28.7 | 28.9 | 29.4 | 29.6 | 29.8 | 29.8 | 30.7 | 31.4 | 32.3 | 33.5 |
| 77.5° | 22.3 | 22.5 | 22.5 | 22.5 | 22.6 | 23.0 | 22.9 | 23.3 | 24.0 | 24.5 | 25.0 |
| 80° | 17.9 | 18.1 | 17.9 | 18.1 | 18.4 | 18.6 | 18.4 | 18.6 | 19.3 | 19.7 | 19.7 |
| 82.5° | 13.8 | 13.9 | 14.0 | 14.0 | 14.1 | 14.1 | 14.5 | 14.5 | 15.0 | 14.9 | 15.1 |
| 85° | 8.3 | 8.1 | 8.1 | 8.1 | 8.3 | 8.5 | 8.3 | 8.3 | 8.5 | 8.5 | 8.5 |
| 87.5° | 8.2 | 8.3 | 8.2 | 8.1 | 8.0 | 7.9 | 7.6 | 7.6 | 7.2 | 7.2 | 6.7 |
| 90° | 26.1 | 25.7 | 25.1 | 24.7 | 24.3 | 23.6 | 22.5 | 21.4 | 20.4 | 19.3 | 17.6 |
| 92.5° | 26.1 | 25.8 | 25.5 | 25.2 | 25.0 | 24.6 | 24.0 | 23.5 | 22.9 | 22.4 | 21.5 |
| 95° | 41.5 | 41.7 | 41.9 | 42.1 | 42.3 | 41.9 | 40.9 | 39.8 | 38.7 | 37.7 | 36.2 |
| 97.5° | 55.3 | 55.1 | 54.8 | 54.6 | 54.3 | 53.8 | 52.9 | 52.1 | 51.2 | 50.4 | 46.9 |
| 100° | 64.6 | 64.2 | 63.8 | 63.3 | 62.9 | 61.9 | 60.2 | 58.5 | 56.8 | 55.0 | 51.4 |
| 102.5° | 69.3 | 68.7 | 68.1 | 67.5 | 66.9 | 65.4 | 63.2 | 61.0 | 58.8 | 56.6 | 87.1 |
| 105° | 73.3 | 72.5 | 71.6 | 70.8 | 69.9 | 68.3 | 65.9 | 63.6 | 61.2 | 58.9 | 117.4 |
| 107.5° | 75.4 | 74.6 | 73.7 | 72.9 | 72.0 | 72.8 | 75.2 | 77.6 | 80.0 | 82.4 | 152.6 |
| 110° | 76.2 | 75.3 | 74.5 | 73.6 | 72.8 | 83.1 | 104.5 | 125.9 | 147.4 | 168.8 | 230.9 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 77.1 | 76.3 | 75.6 | 74.9 | 74.2 | 113.0 | 191.3 | 269.4 | 347.7 | 426.0 | 441.2 |
| 115° | 79.2 | 94.5 | 110.0 | 125.4 | 140.9 | 198.2 | 297.5 | 396.8 | 496.0 | 595.4 | 590.1 |
| 117.5° | 323.1 | 373.9 | 424.5 | 475.2 | 526.0 | 563.4 | 587.4 | 611.4 | 635.4 | 659.4 | 655.8 |
| 120° | 588.7 | 617.5 | 646.5 | 675.5 | 704.4 | 717.6 | 715.0 | 712.5 | 709.9 | 707.3 | 703.5 |
| 122.5° | 734.6 | 740.1 | 745.8 | 751.3 | 757.0 | 759.0 | 757.5 | 756.0 | 754.4 | 752.9 | 748.6 |
| 125° | 825.1 | 824.4 | 823.7 | 823.1 | 822.4 | 821.4 | 819.9 | 818.4 | 816.9 | 815.4 | 811.3 |
| 127.5° | 882.1 | 882.0 | 881.9 | 881.8 | 881.6 | 880.5 | 878.3 | 876.2 | 873.9 | 871.7 | 868.7 |
| 130° | 917.7 | 917.9 | 918.1 | 918.3 | 918.6 | 917.5 | 915.1 | 912.7 | 910.4 | 908.1 | 905.6 |
| 132.5° | 952.4 | 952.6 | 952.8 | 953.0 | 953.3 | 952.4 | 950.4 | 948.4 | 946.3 | 944.3 | 941.9 |
| 135° | 1002.6 | 1003.0 | 1003.4 | 1003.9 | 1004.3 | 1003.4 | 1001.3 | 999.2 | 997.0 | 994.9 | 992.9 |
| 137.5° | 1048.3 | 1049.0 | 1049.8 | 1050.6 | 1051.3 | 1050.6 | 1048.4 | 1046.3 | 1044.3 | 1042.2 | 1040.0 |
| 140° | 1076.9 | 1077.9 | 1079.0 | 1080.2 | 1081.2 | 1080.8 | 1078.8 | 1076.9 | 1075.0 | 1073.1 | 1070.7 |
| 142.5° | 1104.7 | 1105.8 | 1106.8 | 1107.9 | 1108.9 | 1108.6 | 1106.9 | 1105.1 | 1103.4 | 1101.6 | 1098.9 |
| 145° | 1143.5 | 1144.6 | 1145.6 | 1146.7 | 1147.8 | 1147.5 | 1146.1 | 1144.6 | 1143.1 | 1141.6 | 1137.9 |
| 147.5° | 1177.6 | 1178.5 | 1179.4 | 1180.3 | 1181.2 | 1181.1 | 1180.0 | 1178.9 | 1177.8 | 1176.7 | 1173.1 |
| 150° | 1198.5 | 1199.5 | 1200.6 | 1201.7 | 1202.7 | 1202.6 | 1201.3 | 1200.1 | 1198.8 | 1197.5 | 1194.1 |
| 152.5° | 1216.3 | 1217.7 | 1219.1 | 1220.5 | 1221.9 | 1221.9 | 1220.6 | 1219.4 | 1218.1 | 1216.8 | 1213.6 |
| 155° | 1240.9 | 1242.6 | 1244.4 | 1246.1 | 1247.8 | 1248.0 | 1246.7 | 1245.5 | 1244.2 | 1242.8 | 1240.3 |
| 157.5° | 1263.5 | 1265.2 | 1266.9 | 1268.5 | 1270.2 | 1270.3 | 1268.9 | 1267.4 | 1266.0 | 1264.5 | 1262.6 |
| 160° | 1276.7 | 1278.2 | 1279.6 | 1281.1 | 1282.6 | 1282.7 | 1281.4 | 1280.2 | 1278.9 | 1277.6 | 1276.4 |
| 162.5° | 1287.5 | 1289.3 | 1291.1 | 1292.9 | 1294.8 | 1295.1 | 1293.5 | 1292.1 | 1290.6 | 1289.2 | 1288.1 |
| 165° | 1303.6 | 1305.1 | 1306.7 | 1308.2 | 1309.7 | 1309.7 | 1308.2 | 1306.7 | 1305.1 | 1303.6 | 1303.0 |
| 167.5° | 1313.9 | 1315.9 | 1317.8 | 1319.7 | 1321.6 | 1321.8 | 1320.3 | 1318.8 | 1317.3 | 1315.9 | 1315.2 |
| 170° | 1320.1 | 1322.0 | 1323.9 | 1325.9 | 1327.8 | 1328.0 | 1326.5 | 1325.0 | 1323.5 | 1322.0 | 1321.6 |
| 172.5° | 1324.7 | 1326.7 | 1328.6 | 1330.5 | 1332.4 | 1332.6 | 1331.1 | 1329.6 | 1328.2 | 1326.7 | 1326.2 |
| 175° | 1328.8 | 1330.9 | 1333.0 | 1335.1 | 1337.4 | 1337.7 | 1336.2 | 1334.6 | 1333.1 | 1331.6 | 1331.2 |
| 177.5° | 1331.3 | 1332.8 | 1334.3 | 1335.8 | 1337.5 | 1337.6 | 1336.4 | 1335.2 | 1334.0 | 1332.8 | 1332.6 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 |
| 2.5° | 676.0 | 674.5 | 673.2 | 669.9 | 668.2 | 664.6 | 664.1 | 663.9 | 659.1 | 654.5 | 653.2 |
| 5° | 699.2 | 695.5 | 690.0 | 683.6 | 676.9 | 670.0 | 665.5 | 661.8 | 652.6 | 643.9 | 638.8 |
| 7.5° | 722.6 | 714.7 | 705.2 | 693.1 | 682.9 | 671.6 | 663.1 | 655.5 | 642.5 | 630.0 | 621.6 |
| 10° | 740.0 | 727.2 | 714.6 | 697.8 | 684.7 | 671.9 | 659.9 | 649.6 | 635.0 | 618.4 | 606.7 |
| 12.5° | 750.8 | 736.7 | 719.3 | 703.0 | 686.0 | 669.6 | 653.7 | 640.5 | 623.2 | 606.1 | 592.3 |
| 15° | 765.5 | 750.3 | 729.2 | 705.8 | 684.1 | 662.7 | 644.4 | 627.8 | 605.4 | 584.9 | 567.9 |
| 17.5° | 777.5 | 756.6 | 734.0 | 706.9 | 681.7 | 654.6 | 631.0 | 609.9 | 584.8 | 560.2 | 540.2 |
| 20° | 781.3 | 760.6 | 734.5 | 707.4 | 677.6 | 645.7 | 620.3 | 597.3 | 570.5 | 543.6 | 520.7 |
| 22.5° | 778.9 | 762.9 | 733.8 | 701.4 | 670.9 | 637.5 | 608.7 | 582.1 | 552.3 | 524.9 | 498.4 |
| 25° | 762.8 | 757.2 | 729.7 | 694.4 | 659.5 | 620.8 | 587.4 | 558.4 | 524.4 | 495.0 | 466.2 |
| 27.5° | 725.0 | 736.9 | 719.8 | 682.2 | 643.4 | 601.9 | 564.4 | 531.3 | 496.0 | 463.0 | 434.2 |
| 30° | 688.6 | 715.9 | 708.6 | 673.7 | 630.4 | 589.6 | 547.5 | 512.9 | 475.3 | 441.3 | 412.9 |
| 32.5° | 638.9 | 684.0 | 691.2 | 662.0 | 617.1 | 572.3 | 528.3 | 493.8 | 454.5 | 418.8 | 391.0 |
| 35° | 559.7 | 627.1 | 658.1 | 639.5 | 594.6 | 546.1 | 500.8 | 460.6 | 421.1 | 385.9 | 358.3 |
| 37.5° | 465.2 | 557.1 | 608.7 | 610.1 | 568.8 | 518.5 | 469.0 | 429.1 | 388.7 | 354.1 | 324.3 |
| 40° | 403.9 | 503.5 | 570.8 | 585.6 | 550.8 | 496.4 | 446.4 | 405.8 | 366.4 | 332.3 | 298.2 |
| 42.5° | 348.9 | 448.1 | 530.7 | 556.6 | 529.0 | 474.9 | 424.7 | 382.3 | 344.0 | 311.8 | 276.9 |
| 45° | 282.2 | 368.9 | 459.9 | 506.2 | 490.9 | 440.9 | 387.9 | 347.5 | 311.5 | 283.8 | 250.2 |
| 47.5° | 238.0 | 299.1 | 387.3 | 449.9 | 449.7 | 404.0 | 351.8 | 313.3 | 279.8 | 253.8 | 226.7 |
| 50° | 212.9 | 266.1 | 340.6 | 411.7 | 417.7 | 379.4 | 329.8 | 291.5 | 260.3 | 233.1 | 211.3 |
| 52.5° | 190.3 | 234.2 | 301.1 | 369.4 | 386.4 | 353.1 | 305.1 | 269.7 | 239.4 | 214.3 | 195.7 |
| 55° | 160.8 | 194.8 | 245.7 | 309.4 | 335.2 | 311.7 | 269.0 | 236.0 | 211.5 | 190.4 | 174.3 |
| 57.5° | 136.0 | 161.5 | 202.4 | 253.7 | 283.6 | 268.9 | 233.7 | 206.8 | 185.8 | 166.7 | 154.1 |
| 60° | 120.5 | 141.3 | 175.9 | 218.8 | 251.9 | 241.6 | 211.5 | 186.5 | 168.6 | 152.1 | 140.2 |
| 62.5° | 105.7 | 123.7 | 153.4 | 188.2 | 218.4 | 214.2 | 189.7 | 168.6 | 153.0 | 137.9 | 127.8 |
| 65° | 85.1 | 98.2 | 121.4 | 148.7 | 173.0 | 175.0 | 157.3 | 143.1 | 129.2 | 117.2 | 108.3 |
| 67.5° | 67.8 | 76.3 | 92.6 | 115.6 | 133.8 | 140.4 | 129.6 | 118.7 | 107.6 | 98.4 | 90.6 |
| 70° | 57.2 | 64.0 | 75.9 | 94.5 | 111.3 | 118.2 | 111.9 | 103.4 | 93.8 | 86.2 | 79.6 |
| 72.5° | 46.3 | 53.0 | 61.8 | 75.4 | 89.8 | 97.3 | 95.0 | 89.0 | 81.2 | 74.8 | 68.6 |
| 75° | 34.8 | 37.0 | 42.9 | 52.1 | 63.3 | 69.8 | 71.3 | 68.2 | 61.9 | 57.2 | 53.4 |
| 77.5° | 25.8 | 27.1 | 29.9 | 34.6 | 42.0 | 47.8 | 50.1 | 49.7 | 45.4 | 42.7 | 39.2 |
| 80° | 20.6 | 21.3 | 22.7 | 24.7 | 30.3 | 36.1 | 37.7 | 37.7 | 34.6 | 33.5 | 30.1 |
| 82.5° | 15.7 | 16.2 | 17.1 | 18.2 | 20.7 | 25.8 | 27.6 | 27.9 | 26.1 | 24.5 | 21.8 |
| 85° | 9.0 | 8.7 | 9.2 | 9.9 | 10.3 | 11.7 | 14.4 | 14.9 | 14.4 | 12.6 | 11.9 |
| 87.5° | 6.3 | 6.2 | 5.8 | 5.2 | 4.9 | 4.6 | 5.0 | 5.6 | 5.3 | 5.2 | 5.3 |
| 90° | 15.9 | 14.1 | 12.4 | 10.4 | 8.1 | 5.7 | 3.3 | 1.0 | 3.3 | 5.7 | 8.1 |
| 92.5° | 20.7 | 19.8 | 19.0 | 18.7 | 18.9 | 19.1 | 19.3 | 19.5 | 19.3 | 19.1 | 18.9 |
| 95° | 34.6 | 33.1 | 31.6 | 34.4 | 41.5 | 48.6 | 55.6 | 62.7 | 55.6 | 48.6 | 41.5 |
| 97.5° | 43.4 | 40.0 | 36.5 | 44.7 | 64.6 | 84.6 | 104.5 | 124.5 | 104.5 | 84.6 | 64.6 |
| 100° | 47.7 | 44.0 | 40.4 | 53.3 | 82.7 | 112.0 | 141.4 | 170.8 | 141.4 | 112.0 | 82.7 |
| 102.5° | 117.5 | 148.0 | 178.5 | 196.8 | 203.1 | 209.3 | 215.5 | 221.8 | 215.5 | 209.3 | 203.1 |
| 105° | 175.9 | 234.5 | 293.1 | 319.1 | 312.7 | 306.2 | 299.8 | 293.4 | 299.8 | 306.2 | 312.7 |
| 107.5° | 222.8 | 293.1 | 363.2 | 395.8 | 390.5 | 385.4 | 380.2 | 375.0 | 380.2 | 385.4 | 390.5 |
| 110° | 292.9 | 354.8 | 416.8 | 445.5 | 441.0 | 436.5 | 432.0 | 427.5 | 432.0 | 436.5 | 441.0 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 456.6 | 471.9 | 487.2 | 492.8 | 488.9 | 484.8 | 480.9 | 476.9 | 480.9 | 484.8 | 488.9 |
| 115° | 584.6 | 579.3 | 573.9 | 569.5 | 565.8 | 562.2 | 558.5 | 554.8 | 558.5 | 562.2 | 565.8 |
| 117.5° | 652.1 | 648.4 | 644.7 | 640.9 | 636.7 | 632.7 | 628.6 | 624.5 | 628.6 | 632.7 | 636.7 |
| 120° | 699.6 | 695.7 | 691.9 | 688.3 | 685.1 | 681.9 | 678.7 | 675.5 | 678.7 | 681.9 | 685.1 |
| 122.5° | 744.5 | 740.2 | 736.1 | 732.3 | 728.8 | 725.5 | 722.1 | 718.7 | 722.1 | 725.5 | 728.8 |
| 125° | 807.3 | 803.1 | 799.1 | 795.7 | 792.8 | 790.1 | 787.3 | 784.5 | 787.3 | 790.1 | 792.8 |
| 127.5° | 865.7 | 862.6 | 859.6 | 856.5 | 853.4 | 850.3 | 847.3 | 844.1 | 847.3 | 850.3 | 853.4 |
| 130° | 903.3 | 900.9 | 898.6 | 895.6 | 892.2 | 888.9 | 885.4 | 882.0 | 885.4 | 888.9 | 892.2 |
| 132.5° | 939.6 | 937.3 | 934.8 | 932.2 | 929.3 | 926.5 | 923.5 | 920.6 | 923.5 | 926.5 | 929.3 |
| 135° | 991.0 | 989.1 | 987.1 | 984.5 | 981.1 | 977.7 | 974.2 | 970.8 | 974.2 | 977.7 | 981.1 |
| 137.5° | 1037.7 | 1035.6 | 1033.4 | 1031.1 | 1028.7 | 1026.3 | 1023.9 | 1021.5 | 1023.9 | 1026.3 | 1028.7 |
| 140° | 1068.3 | 1065.9 | 1063.6 | 1061.6 | 1059.9 | 1058.1 | 1056.4 | 1054.7 | 1056.4 | 1058.1 | 1059.9 |
| 142.5° | 1096.2 | 1093.5 | 1090.8 | 1088.6 | 1087.1 | 1085.6 | 1084.0 | 1082.5 | 1084.0 | 1085.6 | 1087.1 |
| 145° | 1134.3 | 1130.6 | 1127.0 | 1125.3 | 1125.5 | 1125.7 | 1125.9 | 1126.1 | 1125.9 | 1125.7 | 1125.5 |
| 147.5° | 1169.4 | 1165.9 | 1162.3 | 1160.8 | 1161.6 | 1162.5 | 1163.3 | 1164.2 | 1163.3 | 1162.5 | 1161.6 |
| 150° | 1190.6 | 1187.2 | 1183.8 | 1182.9 | 1184.4 | 1185.8 | 1187.3 | 1188.8 | 1187.3 | 1185.8 | 1184.4 |
| 152.5° | 1210.3 | 1207.0 | 1203.8 | 1203.0 | 1204.7 | 1206.3 | 1208.0 | 1209.7 | 1208.0 | 1206.3 | 1204.7 |
| 155° | 1237.7 | 1235.2 | 1232.5 | 1232.2 | 1234.2 | 1236.1 | 1238.0 | 1240.0 | 1238.0 | 1236.1 | 1234.2 |
| 157.5° | 1260.9 | 1259.1 | 1257.3 | 1257.2 | 1258.8 | 1260.4 | 1262.1 | 1263.7 | 1262.1 | 1260.4 | 1258.8 |
| 160° | 1275.1 | 1273.7 | 1272.4 | 1272.4 | 1273.7 | 1275.1 | 1276.4 | 1277.6 | 1276.4 | 1275.1 | 1273.7 |
| 162.5° | 1287.0 | 1285.9 | 1284.8 | 1284.9 | 1286.1 | 1287.4 | 1288.7 | 1290.0 | 1288.7 | 1287.4 | 1286.1 |
| 165° | 1302.3 | 1301.7 | 1301.1 | 1301.4 | 1302.7 | 1303.9 | 1305.3 | 1306.6 | 1305.3 | 1303.9 | 1302.7 |
| 167.5° | 1314.6 | 1314.0 | 1313.4 | 1313.7 | 1315.0 | 1316.4 | 1317.6 | 1318.9 | 1317.6 | 1316.4 | 1315.0 |
| 170° | 1321.1 | 1320.7 | 1320.3 | 1320.7 | 1322.0 | 1323.3 | 1324.5 | 1325.9 | 1324.5 | 1323.3 | 1322.0 |
| 172.5° | 1325.8 | 1325.3 | 1324.9 | 1325.3 | 1326.7 | 1327.9 | 1329.2 | 1330.5 | 1329.2 | 1327.9 | 1326.7 |
| 175° | 1330.8 | 1330.4 | 1329.9 | 1330.5 | 1332.0 | 1333.4 | 1334.9 | 1336.5 | 1334.9 | 1333.4 | 1332.0 |
| 177.5° | 1332.4 | 1332.3 | 1332.1 | 1332.6 | 1333.8 | 1335.0 | 1336.3 | 1337.5 | 1336.3 | 1335.0 | 1333.8 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 |
| 2.5° | 650.9 | 649.5 | 647.1 | 643.5 | 641.3 | 637.4 | 634.9 | 636.3 | 636.7 | 636.3 | 636.0 |
| 5° | 633.4 | 628.5 | 621.9 | 615.4 | 609.5 | 603.1 | 599.4 | 597.8 | 594.6 | 592.8 | 591.8 |
| 7.5° | 612.2 | 603.9 | 594.5 | 583.3 | 573.8 | 563.8 | 558.8 | 556.2 | 549.7 | 546.1 | 543.0 |
| 10° | 596.4 | 583.3 | 573.9 | 559.3 | 550.3 | 537.2 | 528.3 | 528.6 | 519.6 | 514.5 | 510.9 |
| 12.5° | 579.0 | 564.6 | 549.0 | 535.7 | 523.3 | 512.8 | 502.0 | 497.7 | 488.2 | 483.3 | 473.4 |
| 15° | 550.1 | 533.3 | 516.8 | 499.0 | 486.4 | 470.0 | 454.4 | 435.4 | 420.0 | 406.7 | 403.0 |
| 17.5° | 518.6 | 497.8 | 481.2 | 460.2 | 438.6 | 411.2 | 393.1 | 382.0 | 372.8 | 365.8 | 360.5 |
| 20° | 496.9 | 475.7 | 458.1 | 426.5 | 397.3 | 378.7 | 365.5 | 356.9 | 347.3 | 339.7 | 335.6 |
| 22.5° | 474.1 | 452.1 | 428.0 | 392.6 | 369.9 | 355.1 | 343.3 | 333.5 | 326.9 | 321.0 | 317.2 |
| 25° | 441.8 | 417.7 | 378.0 | 353.8 | 335.4 | 319.7 | 311.5 | 305.6 | 298.7 | 290.6 | 287.0 |
| 27.5° | 407.7 | 369.4 | 340.8 | 322.8 | 305.3 | 295.2 | 287.7 | 278.8 | 272.7 | 269.0 | 265.2 |
| 30° | 382.1 | 343.9 | 321.6 | 301.8 | 289.5 | 278.2 | 269.5 | 264.5 | 258.5 | 252.4 | 249.8 |
| 32.5° | 353.8 | 323.2 | 301.7 | 285.4 | 272.8 | 263.2 | 256.3 | 248.1 | 243.9 | 240.0 | 234.8 |
| 35° | 318.4 | 295.2 | 275.7 | 262.5 | 250.4 | 242.7 | 234.7 | 229.8 | 222.1 | 218.8 | 216.8 |
| 37.5° | 288.5 | 268.4 | 253.9 | 239.8 | 230.4 | 221.8 | 216.8 | 209.1 | 205.8 | 201.3 | 196.9 |
| 40° | 271.6 | 251.9 | 237.9 | 226.4 | 215.8 | 209.4 | 203.3 | 197.0 | 192.0 | 190.0 | 184.7 |
| 42.5° | 254.4 | 238.3 | 224.3 | 211.8 | 204.7 | 197.8 | 190.1 | 185.5 | 180.3 | 176.9 | 173.7 |
| 45° | 230.6 | 216.3 | 204.4 | 194.1 | 186.2 | 179.2 | 174.1 | 166.5 | 163.6 | 156.9 | 154.1 |
| 47.5° | 209.6 | 196.4 | 185.0 | 175.2 | 167.6 | 163.0 | 155.6 | 149.7 | 144.9 | 140.8 | 137.2 |
| 50° | 194.8 | 183.7 | 172.7 | 164.0 | 157.1 | 150.5 | 142.9 | 140.0 | 132.6 | 130.5 | 128.5 |
| 52.5° | 181.2 | 170.7 | 160.7 | 152.1 | 145.2 | 138.8 | 132.1 | 128.2 | 123.2 | 121.2 | 119.7 |
| 55° | 162.2 | 152.1 | 142.5 | 134.9 | 128.1 | 121.4 | 117.2 | 112.4 | 110.1 | 108.5 | 106.6 |
| 57.5° | 143.1 | 134.0 | 126.6 | 119.0 | 112.0 | 106.7 | 102.0 | 99.1 | 96.7 | 94.6 | 92.4 |
| 60° | 131.0 | 122.3 | 115.6 | 108.5 | 101.4 | 97.0 | 93.4 | 89.9 | 87.2 | 83.9 | 83.0 |
| 62.5° | 118.2 | 110.5 | 104.4 | 97.5 | 91.3 | 87.4 | 83.8 | 80.6 | 77.3 | 72.6 | 71.3 |
| 65° | 100.5 | 94.5 | 88.1 | 82.3 | 76.9 | 72.9 | 67.9 | 64.2 | 62.8 | 62.4 | 62.2 |
| 67.5° | 84.5 | 78.9 | 73.3 | 67.5 | 62.5 | 58.9 | 56.2 | 55.7 | 54.7 | 54.5 | 53.8 |
| 70° | 73.8 | 68.6 | 63.1 | 57.6 | 52.7 | 52.1 | 51.2 | 50.2 | 49.1 | 48.7 | 48.2 |
| 72.5° | 64.3 | 58.9 | 53.3 | 49.0 | 46.9 | 46.0 | 45.1 | 44.1 | 43.4 | 42.9 | 42.7 |
| 75° | 49.3 | 44.2 | 40.6 | 39.0 | 37.9 | 37.2 | 35.7 | 35.1 | 34.6 | 33.9 | 33.7 |
| 77.5° | 35.5 | 32.6 | 31.0 | 30.0 | 28.8 | 28.1 | 27.3 | 26.6 | 26.1 | 26.0 | 25.5 |
| 80° | 27.1 | 25.7 | 24.5 | 23.1 | 22.7 | 21.8 | 21.6 | 20.9 | 21.1 | 20.4 | 20.4 |
| 82.5° | 21.0 | 19.3 | 18.3 | 17.7 | 17.2 | 16.5 | 16.3 | 16.0 | 16.0 | 15.5 | 15.5 |
| 85° | 10.8 | 10.3 | 9.9 | 9.4 | 9.4 | 8.7 | 9.0 | 8.7 | 8.7 | 8.3 | 8.1 |
| 87.5° | 5.6 | 5.8 | 5.8 | 6.2 | 6.5 | 6.6 | 6.9 | 6.9 | 7.1 | 7.3 | 7.3 |
| 90° | 10.4 | 12.4 | 14.1 | 15.9 | 17.6 | 19.3 | 20.4 | 21.4 | 22.5 | 23.6 | 24.3 |
| 92.5° | 18.7 | 19.0 | 19.8 | 20.7 | 21.5 | 22.4 | 22.9 | 23.5 | 24.0 | 24.6 | 25.0 |
| 95° | 34.4 | 31.6 | 33.1 | 34.6 | 36.2 | 37.7 | 38.7 | 39.8 | 40.9 | 41.9 | 42.3 |
| 97.5° | 44.7 | 36.5 | 40.0 | 43.4 | 46.9 | 50.4 | 51.2 | 52.1 | 52.9 | 53.8 | 54.3 |
| 100° | 53.3 | 40.4 | 44.0 | 47.7 | 51.4 | 55.0 | 56.8 | 58.5 | 60.2 | 61.9 | 62.9 |
| 102.5° | 196.8 | 178.5 | 148.0 | 117.5 | 87.1 | 56.6 | 58.8 | 61.0 | 63.2 | 65.4 | 66.9 |
| 105° | 319.1 | 293.1 | 234.5 | 175.9 | 117.4 | 58.9 | 61.2 | 63.6 | 65.9 | 68.3 | 69.9 |
| 107.5° | 395.8 | 363.2 | 293.1 | 222.8 | 152.6 | 82.4 | 80.0 | 77.6 | 75.2 | 72.8 | 72.0 |
| 110° | 445.5 | 416.8 | 354.8 | 292.9 | 230.9 | 168.8 | 147.4 | 125.9 | 104.5 | 83.1 | 72.8 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 492.8 | 487.2 | 471.9 | 456.6 | 441.2 | 426.0 | 347.7 | 269.4 | 191.3 | 113.0 | 74.2 |
| 115° | 569.5 | 573.9 | 579.3 | 584.6 | 590.1 | 595.4 | 496.0 | 396.8 | 297.5 | 198.2 | 140.9 |
| 117.5° | 640.9 | 644.7 | 648.4 | 652.1 | 655.8 | 659.4 | 635.4 | 611.4 | 587.4 | 563.4 | 526.0 |
| 120° | 688.3 | 691.9 | 695.7 | 699.6 | 703.5 | 707.3 | 709.9 | 712.5 | 715.0 | 717.6 | 704.4 |
| 122.5° | 732.3 | 736.1 | 740.2 | 744.5 | 748.6 | 752.9 | 754.4 | 756.0 | 757.5 | 759.0 | 757.0 |
| 125° | 795.7 | 799.1 | 803.1 | 807.3 | 811.3 | 815.4 | 816.9 | 818.4 | 819.9 | 821.4 | 822.4 |
| 127.5° | 856.5 | 859.6 | 862.6 | 865.7 | 868.7 | 871.7 | 873.9 | 876.2 | 878.3 | 880.5 | 881.6 |
| 130° | 895.6 | 898.6 | 900.9 | 903.3 | 905.6 | 908.1 | 910.4 | 912.7 | 915.1 | 917.5 | 918.6 |
| 132.5° | 932.2 | 934.8 | 937.3 | 939.6 | 941.9 | 944.3 | 946.3 | 948.4 | 950.4 | 952.4 | 953.3 |
| 135° | 984.5 | 987.1 | 989.1 | 991.0 | 992.9 | 994.9 | 997.0 | 999.2 | 1001.3 | 1003.4 | 1004.3 |
| 137.5° | 1031.1 | 1033.4 | 1035.6 | 1037.7 | 1040.0 | 1042.2 | 1044.3 | 1046.3 | 1048.4 | 1050.6 | 1051.3 |
| 140° | 1061.6 | 1063.6 | 1065.9 | 1068.3 | 1070.7 | 1073.1 | 1075.0 | 1076.9 | 1078.8 | 1080.8 | 1081.2 |
| 142.5° | 1088.6 | 1090.8 | 1093.5 | 1096.2 | 1098.9 | 1101.6 | 1103.4 | 1105.1 | 1106.9 | 1108.6 | 1108.9 |
| 145° | 1125.3 | 1127.0 | 1130.6 | 1134.3 | 1137.9 | 1141.6 | 1143.1 | 1144.6 | 1146.1 | 1147.5 | 1147.8 |
| 147.5° | 1160.8 | 1162.3 | 1165.9 | 1169.4 | 1173.1 | 1176.7 | 1177.8 | 1178.9 | 1180.0 | 1181.1 | 1181.2 |
| 150° | 1182.9 | 1183.8 | 1187.2 | 1190.6 | 1194.1 | 1197.5 | 1198.8 | 1200.1 | 1201.3 | 1202.6 | 1202.7 |
| 152.5° | 1203.0 | 1203.8 | 1207.0 | 1210.3 | 1213.6 | 1216.8 | 1218.1 | 1219.4 | 1220.6 | 1221.9 | 1221.9 |
| 155° | 1232.2 | 1232.5 | 1235.2 | 1237.7 | 1240.3 | 1242.8 | 1244.2 | 1245.5 | 1246.7 | 1248.0 | 1247.8 |
| 157.5° | 1257.2 | 1257.3 | 1259.1 | 1260.9 | 1262.6 | 1264.5 | 1266.0 | 1267.4 | 1268.9 | 1270.3 | 1270.2 |
| 160° | 1272.4 | 1272.4 | 1273.7 | 1275.1 | 1276.4 | 1277.6 | 1278.9 | 1280.2 | 1281.4 | 1282.7 | 1282.6 |
| 162.5° | 1284.9 | 1284.8 | 1285.9 | 1287.0 | 1288.1 | 1289.2 | 1290.6 | 1292.1 | 1293.5 | 1295.1 | 1294.8 |
| 165° | 1301.4 | 1301.1 | 1301.7 | 1302.3 | 1303.0 | 1303.6 | 1305.1 | 1306.7 | 1308.2 | 1309.7 | 1309.7 |
| 167.5° | 1313.7 | 1313.4 | 1314.0 | 1314.6 | 1315.2 | 1315.9 | 1317.3 | 1318.8 | 1320.3 | 1321.8 | 1321.6 |
| 170° | 1320.7 | 1320.3 | 1320.7 | 1321.1 | 1321.6 | 1322.0 | 1323.5 | 1325.0 | 1326.5 | 1328.0 | 1327.8 |
| 172.5° | 1325.3 | 1324.9 | 1325.3 | 1325.8 | 1326.2 | 1326.7 | 1328.2 | 1329.6 | 1331.1 | 1332.6 | 1332.4 |
| 175° | 1330.5 | 1329.9 | 1330.4 | 1330.8 | 1331.2 | 1331.6 | 1333.1 | 1334.6 | 1336.2 | 1337.7 | 1337.4 |
| 177.5° | 1332.6 | 1332.1 | 1332.3 | 1332.4 | 1332.6 | 1332.8 | 1334.0 | 1335.2 | 1336.4 | 1337.6 | 1337.5 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 |
| 2.5° | 634.0 | 634.3 | 633.8 | 634.1 | 633.8 | 634.3 | 634.0 | 636.0 | 636.3 | 636.7 | 636.3 |
| 5° | 590.7 | 587.9 | 587.4 | 586.8 | 587.4 | 587.9 | 590.7 | 591.8 | 592.8 | 594.6 | 597.8 |
| 7.5° | 539.1 | 538.7 | 537.5 | 535.8 | 537.5 | 538.7 | 539.1 | 543.0 | 546.1 | 549.7 | 556.2 |
| 10° | 505.8 | 504.6 | 504.4 | 502.8 | 504.4 | 504.6 | 505.8 | 510.9 | 514.5 | 519.6 | 528.6 |
| 12.5° | 466.9 | 459.5 | 458.8 | 454.7 | 458.8 | 459.5 | 466.9 | 473.4 | 483.3 | 488.2 | 497.7 |
| 15° | 397.6 | 396.2 | 391.5 | 388.6 | 391.5 | 396.2 | 397.6 | 403.0 | 406.7 | 420.0 | 435.4 |
| 17.5° | 357.9 | 353.4 | 351.9 | 351.3 | 351.9 | 353.4 | 357.9 | 360.5 | 365.8 | 372.8 | 382.0 |
| 20° | 332.3 | 328.3 | 327.6 | 327.1 | 327.6 | 328.3 | 332.3 | 335.6 | 339.7 | 347.3 | 356.9 |
| 22.5° | 314.8 | 310.4 | 308.7 | 307.3 | 308.7 | 310.4 | 314.8 | 317.2 | 321.0 | 326.9 | 333.5 |
| 25° | 284.7 | 283.1 | 282.2 | 281.7 | 282.2 | 283.1 | 284.7 | 287.0 | 290.6 | 298.7 | 305.6 |
| 27.5° | 261.2 | 257.6 | 256.9 | 255.7 | 256.9 | 257.6 | 261.2 | 265.2 | 269.0 | 272.7 | 278.8 |
| 30° | 247.7 | 246.6 | 245.0 | 243.6 | 245.0 | 246.6 | 247.7 | 249.8 | 252.4 | 258.5 | 264.5 |
| 32.5° | 232.0 | 231.0 | 229.5 | 228.9 | 229.5 | 231.0 | 232.0 | 234.8 | 240.0 | 243.9 | 248.1 |
| 35° | 214.5 | 211.3 | 209.8 | 207.8 | 209.8 | 211.3 | 214.5 | 216.8 | 218.8 | 222.1 | 229.8 |
| 37.5° | 196.0 | 194.3 | 192.4 | 193.1 | 192.4 | 194.3 | 196.0 | 196.9 | 201.3 | 205.8 | 209.1 |
| 40° | 181.7 | 180.6 | 180.1 | 179.9 | 180.1 | 180.6 | 181.7 | 184.7 | 190.0 | 192.0 | 197.0 |
| 42.5° | 170.3 | 167.1 | 165.9 | 165.9 | 165.9 | 167.1 | 170.3 | 173.7 | 176.9 | 180.3 | 185.5 |
| 45° | 153.0 | 150.1 | 147.9 | 148.1 | 147.9 | 150.1 | 153.0 | 154.1 | 156.9 | 163.6 | 166.5 |
| 47.5° | 135.3 | 135.2 | 133.9 | 134.3 | 133.9 | 135.2 | 135.3 | 137.2 | 140.8 | 144.9 | 149.7 |
| 50° | 126.8 | 125.5 | 124.5 | 124.8 | 124.5 | 125.5 | 126.8 | 128.5 | 130.5 | 132.6 | 140.0 |
| 52.5° | 118.8 | 117.5 | 116.8 | 117.9 | 116.8 | 117.5 | 118.8 | 119.7 | 121.2 | 123.2 | 128.2 |
| 55° | 105.5 | 104.1 | 103.9 | 103.7 | 103.9 | 104.1 | 105.5 | 106.6 | 108.5 | 110.1 | 112.4 |
| 57.5° | 90.7 | 89.8 | 88.4 | 87.9 | 88.4 | 89.8 | 90.7 | 92.4 | 94.6 | 96.7 | 99.1 |
| 60° | 80.1 | 78.3 | 75.9 | 75.7 | 75.9 | 78.3 | 80.1 | 83.0 | 83.9 | 87.2 | 89.9 |
| 62.5° | 70.3 | 70.0 | 69.5 | 69.5 | 69.5 | 70.0 | 70.3 | 71.3 | 72.6 | 77.3 | 80.6 |
| 65° | 61.7 | 61.5 | 61.7 | 61.9 | 61.7 | 61.5 | 61.7 | 62.2 | 62.4 | 62.8 | 64.2 |
| 67.5° | 53.7 | 53.3 | 52.9 | 53.1 | 52.9 | 53.3 | 53.7 | 53.8 | 54.5 | 54.7 | 55.7 |
| 70° | 47.7 | 47.5 | 47.3 | 47.3 | 47.3 | 47.5 | 47.7 | 48.2 | 48.7 | 49.1 | 50.2 |
| 72.5° | 41.8 | 41.8 | 41.6 | 41.4 | 41.6 | 41.8 | 41.8 | 42.7 | 42.9 | 43.4 | 44.1 |
| 75° | 33.5 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.5 | 33.7 | 33.9 | 34.6 | 35.1 |
| 77.5° | 25.5 | 25.2 | 25.0 | 24.8 | 25.0 | 25.2 | 25.5 | 25.5 | 26.0 | 26.1 | 26.6 |
| 80° | 20.2 | 20.0 | 19.7 | 19.7 | 19.7 | 20.0 | 20.2 | 20.4 | 20.4 | 21.1 | 20.9 |
| 82.5° | 15.5 | 15.1 | 15.1 | 14.9 | 15.1 | 15.1 | 15.5 | 15.5 | 15.5 | 16.0 | 16.0 |
| 85° | 8.3 | 8.5 | 8.3 | 8.7 | 8.3 | 8.5 | 8.3 | 8.1 | 8.3 | 8.7 | 8.7 |
| 87.5° | 7.4 | 7.3 | 7.5 | 7.4 | 7.5 | 7.3 | 7.4 | 7.3 | 7.3 | 7.1 | 6.9 |
| 90° | 24.7 | 25.1 | 25.7 | 26.1 | 25.7 | 25.1 | 24.7 | 24.3 | 23.6 | 22.5 | 21.4 |
| 92.5° | 25.2 | 25.5 | 25.8 | 26.1 | 25.8 | 25.5 | 25.2 | 25.0 | 24.6 | 24.0 | 23.5 |
| 95° | 42.1 | 41.9 | 41.7 | 41.5 | 41.7 | 41.9 | 42.1 | 42.3 | 41.9 | 40.9 | 39.8 |
| 97.5° | 54.6 | 54.8 | 55.1 | 55.3 | 55.1 | 54.8 | 54.6 | 54.3 | 53.8 | 52.9 | 52.1 |
| 100° | 63.3 | 63.8 | 64.2 | 64.6 | 64.2 | 63.8 | 63.3 | 62.9 | 61.9 | 60.2 | 58.5 |
| 102.5° | 67.5 | 68.1 | 68.7 | 69.3 | 68.7 | 68.1 | 67.5 | 66.9 | 65.4 | 63.2 | 61.0 |
| 105° | 70.8 | 71.6 | 72.5 | 73.3 | 72.5 | 71.6 | 70.8 | 69.9 | 68.3 | 65.9 | 63.6 |
| 107.5° | 72.9 | 73.7 | 74.6 | 75.4 | 74.6 | 73.7 | 72.9 | 72.0 | 72.8 | 75.2 | 77.6 |
| 110° | 73.6 | 74.5 | 75.3 | 76.2 | 75.3 | 74.5 | 73.6 | 72.8 | 83.1 | 104.5 | 125.9 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 74.9 | 75.6 | 76.3 | 77.1 | 76.3 | 75.6 | 74.9 | 74.2 | 113.0 | 191.3 | 269.4 |
| 115° | 125.4 | 110.0 | 94.5 | 79.2 | 94.5 | 110.0 | 125.4 | 140.9 | 198.2 | 297.5 | 396.8 |
| 117.5° | 475.2 | 424.5 | 373.9 | 323.1 | 373.9 | 424.5 | 475.2 | 526.0 | 563.4 | 587.4 | 611.4 |
| 120° | 675.5 | 646.5 | 617.5 | 588.7 | 617.5 | 646.5 | 675.5 | 704.4 | 717.6 | 715.0 | 712.5 |
| 122.5° | 751.3 | 745.8 | 740.1 | 734.6 | 740.1 | 745.8 | 751.3 | 757.0 | 759.0 | 757.5 | 756.0 |
| 125° | 823.1 | 823.7 | 824.4 | 825.1 | 824.4 | 823.7 | 823.1 | 822.4 | 821.4 | 819.9 | 818.4 |
| 127.5° | 881.8 | 881.9 | 882.0 | 882.1 | 882.0 | 881.9 | 881.8 | 881.6 | 880.5 | 878.3 | 876.2 |
| 130° | 918.3 | 918.1 | 917.9 | 917.7 | 917.9 | 918.1 | 918.3 | 918.6 | 917.5 | 915.1 | 912.7 |
| 132.5° | 953.0 | 952.8 | 952.6 | 952.4 | 952.6 | 952.8 | 953.0 | 953.3 | 952.4 | 950.4 | 948.4 |
| 135° | 1003.9 | 1003.4 | 1003.0 | 1002.6 | 1003.0 | 1003.4 | 1003.9 | 1004.3 | 1003.4 | 1001.3 | 999.2 |
| 137.5° | 1050.6 | 1049.8 | 1049.0 | 1048.3 | 1049.0 | 1049.8 | 1050.6 | 1051.3 | 1050.6 | 1048.4 | 1046.3 |
| 140° | 1080.2 | 1079.0 | 1077.9 | 1076.9 | 1077.9 | 1079.0 | 1080.2 | 1081.2 | 1080.8 | 1078.8 | 1076.9 |
| 142.5° | 1107.9 | 1106.8 | 1105.8 | 1104.7 | 1105.8 | 1106.8 | 1107.9 | 1108.9 | 1108.6 | 1106.9 | 1105.1 |
| 145° | 1146.7 | 1145.6 | 1144.6 | 1143.5 | 1144.6 | 1145.6 | 1146.7 | 1147.8 | 1147.5 | 1146.1 | 1144.6 |
| 147.5° | 1180.3 | 1179.4 | 1178.5 | 1177.6 | 1178.5 | 1179.4 | 1180.3 | 1181.2 | 1181.1 | 1180.0 | 1178.9 |
| 150° | 1201.7 | 1200.6 | 1199.5 | 1198.5 | 1199.5 | 1200.6 | 1201.7 | 1202.7 | 1202.6 | 1201.3 | 1200.1 |
| 152.5° | 1220.5 | 1219.1 | 1217.7 | 1216.3 | 1217.7 | 1219.1 | 1220.5 | 1221.9 | 1221.9 | 1220.6 | 1219.4 |
| 155° | 1246.1 | 1244.4 | 1242.6 | 1240.9 | 1242.6 | 1244.4 | 1246.1 | 1247.8 | 1248.0 | 1246.7 | 1245.5 |
| 157.5° | 1268.5 | 1266.9 | 1265.2 | 1263.5 | 1265.2 | 1266.9 | 1268.5 | 1270.2 | 1270.3 | 1268.9 | 1267.4 |
| 160° | 1281.1 | 1279.6 | 1278.2 | 1276.7 | 1278.2 | 1279.6 | 1281.1 | 1282.6 | 1282.7 | 1281.4 | 1280.2 |
| 162.5° | 1292.9 | 1291.1 | 1289.3 | 1287.5 | 1289.3 | 1291.1 | 1292.9 | 1294.8 | 1295.1 | 1293.5 | 1292.1 |
| 165° | 1308.2 | 1306.7 | 1305.1 | 1303.6 | 1305.1 | 1306.7 | 1308.2 | 1309.7 | 1309.7 | 1308.2 | 1306.7 |
| 167.5° | 1319.7 | 1317.8 | 1315.9 | 1313.9 | 1315.9 | 1317.8 | 1319.7 | 1321.6 | 1321.8 | 1320.3 | 1318.8 |
| 170° | 1325.9 | 1323.9 | 1322.0 | 1320.1 | 1322.0 | 1323.9 | 1325.9 | 1327.8 | 1328.0 | 1326.5 | 1325.0 |
| 172.5° | 1330.5 | 1328.6 | 1326.7 | 1324.7 | 1326.7 | 1328.6 | 1330.5 | 1332.4 | 1332.6 | 1331.1 | 1329.6 |
| 175° | 1335.1 | 1333.0 | 1330.9 | 1328.8 | 1330.9 | 1333.0 | 1335.1 | 1337.4 | 1337.7 | 1336.2 | 1334.6 |
| 177.5° | 1335.8 | 1334.3 | 1332.8 | 1331.3 | 1332.8 | 1334.3 | 1335.8 | 1337.5 | 1337.6 | 1336.4 | 1335.2 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 |
| 2.5° | 634.9 | 637.4 | 641.3 | 643.5 | 647.1 | 649.5 | 650.9 | 653.2 | 654.5 | 659.1 | 663.9 |
| 5° | 599.4 | 603.1 | 609.5 | 615.4 | 621.9 | 628.5 | 633.4 | 638.8 | 643.9 | 652.6 | 661.8 |
| 7.5° | 558.8 | 563.8 | 573.8 | 583.3 | 594.5 | 603.9 | 612.2 | 621.6 | 630.0 | 642.5 | 655.5 |
| 10° | 528.3 | 537.2 | 550.3 | 559.3 | 573.9 | 583.3 | 596.4 | 606.7 | 618.4 | 635.0 | 649.6 |
| 12.5° | 502.0 | 512.8 | 523.3 | 535.7 | 549.0 | 564.6 | 579.0 | 592.3 | 606.1 | 623.2 | 640.5 |
| 15° | 454.4 | 470.0 | 486.4 | 499.0 | 516.8 | 533.3 | 550.1 | 567.9 | 584.9 | 605.4 | 627.8 |
| 17.5° | 393.1 | 411.2 | 438.6 | 460.2 | 481.2 | 497.8 | 518.6 | 540.2 | 560.2 | 584.8 | 609.9 |
| 20° | 365.5 | 378.7 | 397.3 | 426.5 | 458.1 | 475.7 | 496.9 | 520.7 | 543.6 | 570.5 | 597.3 |
| 22.5° | 343.3 | 355.1 | 369.9 | 392.6 | 428.0 | 452.1 | 474.1 | 498.4 | 524.9 | 552.3 | 582.1 |
| 25° | 311.5 | 319.7 | 335.4 | 353.8 | 378.0 | 417.7 | 441.8 | 466.2 | 495.0 | 524.4 | 558.4 |
| 27.5° | 287.7 | 295.2 | 305.3 | 322.8 | 340.8 | 369.4 | 407.7 | 434.2 | 463.0 | 496.0 | 531.3 |
| 30° | 269.5 | 278.2 | 289.5 | 301.8 | 321.6 | 343.9 | 382.1 | 412.9 | 441.3 | 475.3 | 512.9 |
| 32.5° | 256.3 | 263.2 | 272.8 | 285.4 | 301.7 | 323.2 | 353.8 | 391.0 | 418.8 | 454.5 | 493.8 |
| 35° | 234.7 | 242.7 | 250.4 | 262.5 | 275.7 | 295.2 | 318.4 | 358.3 | 385.9 | 421.1 | 460.6 |
| 37.5° | 216.8 | 221.8 | 230.4 | 239.8 | 253.9 | 268.4 | 288.5 | 324.3 | 354.1 | 388.7 | 429.1 |
| 40° | 203.3 | 209.4 | 215.8 | 226.4 | 237.9 | 251.9 | 271.6 | 298.2 | 332.3 | 366.4 | 405.8 |
| 42.5° | 190.1 | 197.8 | 204.7 | 211.8 | 224.3 | 238.3 | 254.4 | 276.9 | 311.8 | 344.0 | 382.3 |
| 45° | 174.1 | 179.2 | 186.2 | 194.1 | 204.4 | 216.3 | 230.6 | 250.2 | 283.8 | 311.5 | 347.5 |
| 47.5° | 155.6 | 163.0 | 167.6 | 175.2 | 185.0 | 196.4 | 209.6 | 226.7 | 253.8 | 279.8 | 313.3 |
| 50° | 142.9 | 150.5 | 157.1 | 164.0 | 172.7 | 183.7 | 194.8 | 211.3 | 233.1 | 260.3 | 291.5 |
| 52.5° | 132.1 | 138.8 | 145.2 | 152.1 | 160.7 | 170.7 | 181.2 | 195.7 | 214.3 | 239.4 | 269.7 |
| 55° | 117.2 | 121.4 | 128.1 | 134.9 | 142.5 | 152.1 | 162.2 | 174.3 | 190.4 | 211.5 | 236.0 |
| 57.5° | 102.0 | 106.7 | 112.0 | 119.0 | 126.6 | 134.0 | 143.1 | 154.1 | 166.7 | 185.8 | 206.8 |
| 60° | 93.4 | 97.0 | 101.4 | 108.5 | 115.6 | 122.3 | 131.0 | 140.2 | 152.1 | 168.6 | 186.5 |
| 62.5° | 83.8 | 87.4 | 91.3 | 97.5 | 104.4 | 110.5 | 118.2 | 127.8 | 137.9 | 153.0 | 168.6 |
| 65° | 67.9 | 72.9 | 76.9 | 82.3 | 88.1 | 94.5 | 100.5 | 108.3 | 117.2 | 129.2 | 143.1 |
| 67.5° | 56.2 | 58.9 | 62.5 | 67.5 | 73.3 | 78.9 | 84.5 | 90.6 | 98.4 | 107.6 | 118.7 |
| 70° | 51.2 | 52.1 | 52.7 | 57.6 | 63.1 | 68.6 | 73.8 | 79.6 | 86.2 | 93.8 | 103.4 |
| 72.5° | 45.1 | 46.0 | 46.9 | 49.0 | 53.3 | 58.9 | 64.3 | 68.6 | 74.8 | 81.2 | 89.0 |
| 75° | 35.7 | 37.2 | 37.9 | 39.0 | 40.6 | 44.2 | 49.3 | 53.4 | 57.2 | 61.9 | 68.2 |
| 77.5° | 27.3 | 28.1 | 28.8 | 30.0 | 31.0 | 32.6 | 35.5 | 39.2 | 42.7 | 45.4 | 49.7 |
| 80° | 21.6 | 21.8 | 22.7 | 23.1 | 24.5 | 25.7 | 27.1 | 30.1 | 33.5 | 34.6 | 37.7 |
| 82.5° | 16.3 | 16.5 | 17.2 | 17.7 | 18.3 | 19.3 | 21.0 | 21.8 | 24.5 | 26.1 | 27.9 |
| 85° | 9.0 | 8.7 | 9.4 | 9.4 | 9.9 | 10.3 | 10.8 | 11.9 | 12.6 | 14.4 | 14.9 |
| 87.5° | 6.9 | 6.6 | 6.5 | 6.2 | 5.8 | 5.8 | 5.6 | 5.3 | 5.2 | 5.3 | 5.6 |
| 90° | 20.4 | 19.3 | 17.6 | 15.9 | 14.1 | 12.4 | 10.4 | 8.1 | 5.7 | 3.3 | 1.0 |
| 92.5° | 22.9 | 22.4 | 21.5 | 20.7 | 19.8 | 19.0 | 18.7 | 18.9 | 19.1 | 19.3 | 19.5 |
| 95° | 38.7 | 37.7 | 36.2 | 34.6 | 33.1 | 31.6 | 34.4 | 41.5 | 48.6 | 55.6 | 62.7 |
| 97.5° | 51.2 | 50.4 | 46.9 | 43.4 | 40.0 | 36.5 | 44.7 | 64.6 | 84.6 | 104.5 | 124.5 |
| 100° | 56.8 | 55.0 | 51.4 | 47.7 | 44.0 | 40.4 | 53.3 | 82.7 | 112.0 | 141.4 | 170.8 |
| 102.5° | 58.8 | 56.6 | 87.1 | 117.5 | 148.0 | 178.5 | 196.8 | 203.1 | 209.3 | 215.5 | 221.8 |
| 105° | 61.2 | 58.9 | 117.4 | 175.9 | 234.5 | 293.1 | 319.1 | 312.7 | 306.2 | 299.8 | 293.4 |
| 107.5° | 80.0 | 82.4 | 152.6 | 222.8 | 293.1 | 363.2 | 395.8 | 390.5 | 385.4 | 380.2 | 375.0 |
| 110° | 147.4 | 168.8 | 230.9 | 292.9 | 354.8 | 416.8 | 445.5 | 441.0 | 436.5 | 432.0 | 427.5 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 347.7 | 426.0 | 441.2 | 456.6 | 471.9 | 487.2 | 492.8 | 488.9 | 484.8 | 480.9 | 476.9 |
| 115° | 496.0 | 595.4 | 590.1 | 584.6 | 579.3 | 573.9 | 569.5 | 565.8 | 562.2 | 558.5 | 554.8 |
| 117.5° | 635.4 | 659.4 | 655.8 | 652.1 | 648.4 | 644.7 | 640.9 | 636.7 | 632.7 | 628.6 | 624.5 |
| 120° | 709.9 | 707.3 | 703.5 | 699.6 | 695.7 | 691.9 | 688.3 | 685.1 | 681.9 | 678.7 | 675.5 |
| 122.5° | 754.4 | 752.9 | 748.6 | 744.5 | 740.2 | 736.1 | 732.3 | 728.8 | 725.5 | 722.1 | 718.7 |
| 125° | 816.9 | 815.4 | 811.3 | 807.3 | 803.1 | 799.1 | 795.7 | 792.8 | 790.1 | 787.3 | 784.5 |
| 127.5° | 873.9 | 871.7 | 868.7 | 865.7 | 862.6 | 859.6 | 856.5 | 853.4 | 850.3 | 847.3 | 844.1 |
| 130° | 910.4 | 908.1 | 905.6 | 903.3 | 900.9 | 898.6 | 895.6 | 892.2 | 888.9 | 885.4 | 882.0 |
| 132.5° | 946.3 | 944.3 | 941.9 | 939.6 | 937.3 | 934.8 | 932.2 | 929.3 | 926.5 | 923.5 | 920.6 |
| 135° | 997.0 | 994.9 | 992.9 | 991.0 | 989.1 | 987.1 | 984.5 | 981.1 | 977.7 | 974.2 | 970.8 |
| 137.5° | 1044.3 | 1042.2 | 1040.0 | 1037.7 | 1035.6 | 1033.4 | 1031.1 | 1028.7 | 1026.3 | 1023.9 | 1021.5 |
| 140° | 1075.0 | 1073.1 | 1070.7 | 1068.3 | 1065.9 | 1063.6 | 1061.6 | 1059.9 | 1058.1 | 1056.4 | 1054.7 |
| 142.5° | 1103.4 | 1101.6 | 1098.9 | 1096.2 | 1093.5 | 1090.8 | 1088.6 | 1087.1 | 1085.6 | 1084.0 | 1082.5 |
| 145° | 1143.1 | 1141.6 | 1137.9 | 1134.3 | 1130.6 | 1127.0 | 1125.3 | 1125.5 | 1125.7 | 1125.9 | 1126.1 |
| 147.5° | 1177.8 | 1176.7 | 1173.1 | 1169.4 | 1165.9 | 1162.3 | 1160.8 | 1161.6 | 1162.5 | 1163.3 | 1164.2 |
| 150° | 1198.8 | 1197.5 | 1194.1 | 1190.6 | 1187.2 | 1183.8 | 1182.9 | 1184.4 | 1185.8 | 1187.3 | 1188.8 |
| 152.5° | 1218.1 | 1216.8 | 1213.6 | 1210.3 | 1207.0 | 1203.8 | 1203.0 | 1204.7 | 1206.3 | 1208.0 | 1209.7 |
| 155° | 1244.2 | 1242.8 | 1240.3 | 1237.7 | 1235.2 | 1232.5 | 1232.2 | 1234.2 | 1236.1 | 1238.0 | 1240.0 |
| 157.5° | 1266.0 | 1264.5 | 1262.6 | 1260.9 | 1259.1 | 1257.3 | 1257.2 | 1258.8 | 1260.4 | 1262.1 | 1263.7 |
| 160° | 1278.9 | 1277.6 | 1276.4 | 1275.1 | 1273.7 | 1272.4 | 1272.4 | 1273.7 | 1275.1 | 1276.4 | 1277.6 |
| 162.5° | 1290.6 | 1289.2 | 1288.1 | 1287.0 | 1285.9 | 1284.8 | 1284.9 | 1286.1 | 1287.4 | 1288.7 | 1290.0 |
| 165° | 1305.1 | 1303.6 | 1303.0 | 1302.3 | 1301.7 | 1301.1 | 1301.4 | 1302.7 | 1303.9 | 1305.3 | 1306.6 |
| 167.5° | 1317.3 | 1315.9 | 1315.2 | 1314.6 | 1314.0 | 1313.4 | 1313.7 | 1315.0 | 1316.4 | 1317.6 | 1318.9 |
| 170° | 1323.5 | 1322.0 | 1321.6 | 1321.1 | 1320.7 | 1320.3 | 1320.7 | 1322.0 | 1323.3 | 1324.5 | 1325.9 |
| 172.5° | 1328.2 | 1326.7 | 1326.2 | 1325.8 | 1325.3 | 1324.9 | 1325.3 | 1326.7 | 1327.9 | 1329.2 | 1330.5 |
| 175° | 1333.1 | 1331.6 | 1331.2 | 1330.8 | 1330.4 | 1329.9 | 1330.5 | 1332.0 | 1333.4 | 1334.9 | 1336.5 |
| 177.5° | 1334.0 | 1332.8 | 1332.6 | 1332.4 | 1332.3 | 1332.1 | 1332.6 | 1333.8 | 1335.0 | 1336.3 | 1337.5 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 |
| 2.5° | 664.1 | 664.6 | 668.2 | 669.9 | 673.2 | 674.5 | 676.0 | 675.6 | 675.6 | 676.3 | 681.5 |
| 5° | 665.5 | 670.0 | 676.9 | 683.6 | 690.0 | 695.5 | 699.2 | 702.9 | 704.3 | 710.8 | 716.8 |
| 7.5° | 663.1 | 671.6 | 682.9 | 693.1 | 705.2 | 714.7 | 722.6 | 729.7 | 734.6 | 744.3 | 754.2 |
| 10° | 659.9 | 671.9 | 684.7 | 697.8 | 714.6 | 727.2 | 740.0 | 749.9 | 753.1 | 767.5 | 775.8 |
| 12.5° | 653.7 | 669.6 | 686.0 | 703.0 | 719.3 | 736.7 | 750.8 | 760.7 | 772.0 | 785.0 | 800.2 |
| 15° | 644.4 | 662.7 | 684.1 | 705.8 | 729.2 | 750.3 | 765.5 | 782.6 | 795.1 | 809.3 | 822.6 |
| 17.5° | 631.0 | 654.6 | 681.7 | 706.9 | 734.0 | 756.6 | 777.5 | 794.0 | 802.6 | 810.8 | 812.7 |
| 20° | 620.3 | 645.7 | 677.6 | 707.4 | 734.5 | 760.6 | 781.3 | 795.1 | 797.4 | 797.6 | 785.5 |
| 22.5° | 608.7 | 637.5 | 670.9 | 701.4 | 733.8 | 762.9 | 778.9 | 784.8 | 775.7 | 760.1 | 736.6 |
| 25° | 587.4 | 620.8 | 659.5 | 694.4 | 729.7 | 757.2 | 762.8 | 752.5 | 720.5 | 687.0 | 644.6 |
| 27.5° | 564.4 | 601.9 | 643.4 | 682.2 | 719.8 | 736.9 | 725.0 | 687.7 | 630.4 | 580.4 | 519.9 |
| 30° | 547.5 | 589.6 | 630.4 | 673.7 | 708.6 | 715.9 | 688.6 | 633.8 | 566.8 | 491.6 | 431.2 |
| 32.5° | 528.3 | 572.3 | 617.1 | 662.0 | 691.2 | 684.0 | 638.9 | 571.4 | 492.9 | 418.9 | 361.9 |
| 35° | 500.8 | 546.1 | 594.6 | 639.5 | 658.1 | 627.1 | 559.7 | 471.8 | 391.5 | 322.6 | 283.3 |
| 37.5° | 469.0 | 518.5 | 568.8 | 610.1 | 608.7 | 557.1 | 465.2 | 374.6 | 307.1 | 266.2 | 238.3 |
| 40° | 446.4 | 496.4 | 550.8 | 585.6 | 570.8 | 503.5 | 403.9 | 318.4 | 269.0 | 236.5 | 216.1 |
| 42.5° | 424.7 | 474.9 | 529.0 | 556.6 | 530.7 | 448.1 | 348.9 | 281.9 | 241.2 | 215.8 | 199.2 |
| 45° | 387.9 | 440.9 | 490.9 | 506.2 | 459.9 | 368.9 | 282.2 | 233.5 | 206.4 | 187.6 | 176.2 |
| 47.5° | 351.8 | 404.0 | 449.7 | 449.9 | 387.3 | 299.1 | 238.0 | 202.1 | 178.9 | 164.4 | 156.1 |
| 50° | 329.8 | 379.4 | 417.7 | 411.7 | 340.6 | 266.1 | 212.9 | 181.9 | 162.7 | 151.4 | 142.7 |
| 52.5° | 305.1 | 353.1 | 386.4 | 369.4 | 301.1 | 234.2 | 190.3 | 164.3 | 148.3 | 138.6 | 130.8 |
| 55° | 269.0 | 311.7 | 335.2 | 309.4 | 245.7 | 194.8 | 160.8 | 140.4 | 128.5 | 120.2 | 113.5 |
| 57.5° | 233.7 | 268.9 | 283.6 | 253.7 | 202.4 | 161.5 | 136.0 | 120.7 | 108.9 | 102.9 | 99.5 |
| 60° | 211.5 | 241.6 | 251.9 | 218.8 | 175.9 | 141.3 | 120.5 | 106.2 | 97.5 | 93.6 | 90.2 |
| 62.5° | 189.7 | 214.2 | 218.4 | 188.2 | 153.4 | 123.7 | 105.7 | 93.7 | 88.0 | 84.2 | 81.0 |
| 65° | 157.3 | 175.0 | 173.0 | 148.7 | 121.4 | 98.2 | 85.1 | 77.8 | 73.4 | 68.2 | 62.4 |
| 67.5° | 129.6 | 140.4 | 133.8 | 115.6 | 92.6 | 76.3 | 67.8 | 62.2 | 56.8 | 51.8 | 50.5 |
| 70° | 111.9 | 118.2 | 111.3 | 94.5 | 75.9 | 64.0 | 57.2 | 50.5 | 47.3 | 46.2 | 44.0 |
| 72.5° | 95.0 | 97.3 | 89.8 | 75.4 | 61.8 | 53.0 | 46.3 | 42.6 | 40.8 | 39.9 | 38.6 |
| 75° | 71.3 | 69.8 | 63.3 | 52.1 | 42.9 | 37.0 | 34.8 | 33.5 | 32.3 | 31.4 | 30.7 |
| 77.5° | 50.1 | 47.8 | 42.0 | 34.6 | 29.9 | 27.1 | 25.8 | 25.0 | 24.5 | 24.0 | 23.3 |
| 80° | 37.7 | 36.1 | 30.3 | 24.7 | 22.7 | 21.3 | 20.6 | 19.7 | 19.7 | 19.3 | 18.6 |
| 82.5° | 27.6 | 25.8 | 20.7 | 18.2 | 17.1 | 16.2 | 15.7 | 15.1 | 14.9 | 15.0 | 14.5 |
| 85° | 14.4 | 11.7 | 10.3 | 9.9 | 9.2 | 8.7 | 9.0 | 8.5 | 8.5 | 8.5 | 8.3 |
| 87.5° | 5.0 | 4.6 | 4.9 | 5.2 | 5.8 | 6.2 | 6.3 | 6.7 | 7.2 | 7.2 | 7.6 |
| 90° | 3.3 | 5.7 | 8.1 | 10.4 | 12.4 | 14.1 | 15.9 | 17.6 | 19.3 | 20.4 | 21.4 |
| 92.5° | 19.3 | 19.1 | 18.9 | 18.7 | 19.0 | 19.8 | 20.7 | 21.5 | 22.4 | 22.9 | 23.5 |
| 95° | 55.6 | 48.6 | 41.5 | 34.4 | 31.6 | 33.1 | 34.6 | 36.2 | 37.7 | 38.7 | 39.8 |
| 97.5° | 104.5 | 84.6 | 64.6 | 44.7 | 36.5 | 40.0 | 43.4 | 46.9 | 50.4 | 51.2 | 52.1 |
| 100° | 141.4 | 112.0 | 82.7 | 53.3 | 40.4 | 44.0 | 47.7 | 51.4 | 55.0 | 56.8 | 58.5 |
| 102.5° | 215.5 | 209.3 | 203.1 | 196.8 | 178.5 | 148.0 | 117.5 | 87.1 | 56.6 | 58.8 | 61.0 |
| 105° | 299.8 | 306.2 | 312.7 | 319.1 | 293.1 | 234.5 | 175.9 | 117.4 | 58.9 | 61.2 | 63.6 |
| 107.5° | 380.2 | 385.4 | 390.5 | 395.8 | 363.2 | 293.1 | 222.8 | 152.6 | 82.4 | 80.0 | 77.6 |
| 110° | 432.0 | 436.5 | 441.0 | 445.5 | 416.8 | 354.8 | 292.9 | 230.9 | 168.8 | 147.4 | 125.9 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 480.9 | 484.8 | 488.9 | 492.8 | 487.2 | 471.9 | 456.6 | 441.2 | 426.0 | 347.7 | 269.4 |
| 115° | 558.5 | 562.2 | 565.8 | 569.5 | 573.9 | 579.3 | 584.6 | 590.1 | 595.4 | 496.0 | 396.8 |
| 117.5° | 628.6 | 632.7 | 636.7 | 640.9 | 644.7 | 648.4 | 652.1 | 655.8 | 659.4 | 635.4 | 611.4 |
| 120° | 678.7 | 681.9 | 685.1 | 688.3 | 691.9 | 695.7 | 699.6 | 703.5 | 707.3 | 709.9 | 712.5 |
| 122.5° | 722.1 | 725.5 | 728.8 | 732.3 | 736.1 | 740.2 | 744.5 | 748.6 | 752.9 | 754.4 | 756.0 |
| 125° | 787.3 | 790.1 | 792.8 | 795.7 | 799.1 | 803.1 | 807.3 | 811.3 | 815.4 | 816.9 | 818.4 |
| 127.5° | 847.3 | 850.3 | 853.4 | 856.5 | 859.6 | 862.6 | 865.7 | 868.7 | 871.7 | 873.9 | 876.2 |
| 130° | 885.4 | 888.9 | 892.2 | 895.6 | 898.6 | 900.9 | 903.3 | 905.6 | 908.1 | 910.4 | 912.7 |
| 132.5° | 923.5 | 926.5 | 929.3 | 932.2 | 934.8 | 937.3 | 939.6 | 941.9 | 944.3 | 946.3 | 948.4 |
| 135° | 974.2 | 977.7 | 981.1 | 984.5 | 987.1 | 989.1 | 991.0 | 992.9 | 994.9 | 997.0 | 999.2 |
| 137.5° | 1023.9 | 1026.3 | 1028.7 | 1031.1 | 1033.4 | 1035.6 | 1037.7 | 1040.0 | 1042.2 | 1044.3 | 1046.3 |
| 140° | 1056.4 | 1058.1 | 1059.9 | 1061.6 | 1063.6 | 1065.9 | 1068.3 | 1070.7 | 1073.1 | 1075.0 | 1076.9 |
| 142.5° | 1084.0 | 1085.6 | 1087.1 | 1088.6 | 1090.8 | 1093.5 | 1096.2 | 1098.9 | 1101.6 | 1103.4 | 1105.1 |
| 145° | 1125.9 | 1125.7 | 1125.5 | 1125.3 | 1127.0 | 1130.6 | 1134.3 | 1137.9 | 1141.6 | 1143.1 | 1144.6 |
| 147.5° | 1163.3 | 1162.5 | 1161.6 | 1160.8 | 1162.3 | 1165.9 | 1169.4 | 1173.1 | 1176.7 | 1177.8 | 1178.9 |
| 150° | 1187.3 | 1185.8 | 1184.4 | 1182.9 | 1183.8 | 1187.2 | 1190.6 | 1194.1 | 1197.5 | 1198.8 | 1200.1 |
| 152.5° | 1208.0 | 1206.3 | 1204.7 | 1203.0 | 1203.8 | 1207.0 | 1210.3 | 1213.6 | 1216.8 | 1218.1 | 1219.4 |
| 155° | 1238.0 | 1236.1 | 1234.2 | 1232.2 | 1232.5 | 1235.2 | 1237.7 | 1240.3 | 1242.8 | 1244.2 | 1245.5 |
| 157.5° | 1262.1 | 1260.4 | 1258.8 | 1257.2 | 1257.3 | 1259.1 | 1260.9 | 1262.6 | 1264.5 | 1266.0 | 1267.4 |
| 160° | 1276.4 | 1275.1 | 1273.7 | 1272.4 | 1272.4 | 1273.7 | 1275.1 | 1276.4 | 1277.6 | 1278.9 | 1280.2 |
| 162.5° | 1288.7 | 1287.4 | 1286.1 | 1284.9 | 1284.8 | 1285.9 | 1287.0 | 1288.1 | 1289.2 | 1290.6 | 1292.1 |
| 165° | 1305.3 | 1303.9 | 1302.7 | 1301.4 | 1301.1 | 1301.7 | 1302.3 | 1303.0 | 1303.6 | 1305.1 | 1306.7 |
| 167.5° | 1317.6 | 1316.4 | 1315.0 | 1313.7 | 1313.4 | 1314.0 | 1314.6 | 1315.2 | 1315.9 | 1317.3 | 1318.8 |
| 170° | 1324.5 | 1323.3 | 1322.0 | 1320.7 | 1320.3 | 1320.7 | 1321.1 | 1321.6 | 1322.0 | 1323.5 | 1325.0 |
| 172.5° | 1329.2 | 1327.9 | 1326.7 | 1325.3 | 1324.9 | 1325.3 | 1325.8 | 1326.2 | 1326.7 | 1328.2 | 1329.6 |
| 175° | 1334.9 | 1333.4 | 1332.0 | 1330.5 | 1329.9 | 1330.4 | 1330.8 | 1331.2 | 1331.6 | 1333.1 | 1334.6 |
| 177.5° | 1336.3 | 1335.0 | 1333.8 | 1332.6 | 1332.1 | 1332.3 | 1332.4 | 1332.6 | 1332.8 | 1334.0 | 1335.2 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 | 660.1 |
| 2.5° | 683.3 | 685.7 | 686.8 | 686.8 | 688.1 | 687.5 | 687.0 |
| 5° | 722.6 | 726.9 | 727.9 | 732.0 | 735.0 | 734.1 | 734.5 |
| 7.5° | 761.6 | 768.6 | 775.6 | 778.7 | 779.2 | 781.0 | 781.7 |
| 10° | 785.7 | 791.4 | 802.1 | 800.6 | 808.6 | 813.2 | 805.7 |
| 12.5° | 808.8 | 816.6 | 824.0 | 826.1 | 830.6 | 832.1 | 829.1 |
| 15° | 829.7 | 833.8 | 834.2 | 833.1 | 834.6 | 833.3 | 829.0 |
| 17.5° | 810.2 | 803.4 | 789.9 | 783.5 | 778.4 | 770.8 | 767.8 |
| 20° | 777.9 | 758.1 | 735.2 | 726.0 | 715.3 | 694.2 | 699.2 |
| 22.5° | 708.1 | 685.7 | 662.7 | 635.9 | 623.1 | 603.1 | 601.9 |
| 25° | 599.7 | 560.9 | 518.2 | 488.4 | 470.9 | 451.0 | 442.2 |
| 27.5° | 466.3 | 417.4 | 382.4 | 364.8 | 348.6 | 332.9 | 332.1 |
| 30° | 378.5 | 341.8 | 314.8 | 299.6 | 289.7 | 283.1 | 284.5 |
| 32.5° | 319.0 | 293.9 | 275.6 | 263.1 | 255.8 | 250.7 | 250.6 |
| 35° | 260.8 | 243.6 | 231.9 | 226.6 | 221.4 | 217.7 | 217.9 |
| 37.5° | 223.2 | 212.9 | 206.3 | 200.6 | 197.2 | 195.4 | 194.4 |
| 40° | 203.9 | 195.4 | 190.4 | 186.9 | 184.2 | 181.7 | 181.2 |
| 42.5° | 188.7 | 181.7 | 176.6 | 173.9 | 171.4 | 169.6 | 169.2 |
| 45° | 167.4 | 161.7 | 157.1 | 154.1 | 153.0 | 151.4 | 151.4 |
| 47.5° | 149.0 | 143.3 | 139.8 | 137.8 | 135.9 | 134.8 | 134.8 |
| 50° | 136.5 | 132.1 | 129.0 | 127.7 | 126.1 | 125.5 | 125.2 |
| 52.5° | 125.3 | 122.0 | 119.8 | 119.0 | 118.3 | 117.4 | 117.5 |
| 55° | 110.1 | 108.3 | 107.3 | 106.6 | 105.5 | 104.1 | 105.0 |
| 57.5° | 97.4 | 95.7 | 93.3 | 91.1 | 90.1 | 89.1 | 89.5 |
| 60° | 88.4 | 85.1 | 81.9 | 79.4 | 78.7 | 76.6 | 76.6 |
| 62.5° | 77.0 | 72.4 | 68.5 | 67.1 | 66.3 | 65.4 | 65.2 |
| 65° | 59.2 | 57.4 | 56.5 | 55.5 | 55.0 | 55.0 | 54.6 |
| 67.5° | 49.1 | 48.3 | 47.3 | 47.1 | 46.7 | 46.5 | 46.4 |
| 70° | 43.3 | 42.4 | 42.0 | 41.7 | 41.3 | 41.5 | 40.8 |
| 72.5° | 37.9 | 37.2 | 37.1 | 36.5 | 36.2 | 36.2 | 35.6 |
| 75° | 29.8 | 29.8 | 29.6 | 29.4 | 28.9 | 28.7 | 28.9 |
| 77.5° | 22.9 | 23.0 | 22.6 | 22.5 | 22.5 | 22.5 | 22.3 |
| 80° | 18.4 | 18.6 | 18.4 | 18.1 | 17.9 | 18.1 | 17.9 |
| 82.5° | 14.5 | 14.1 | 14.1 | 14.0 | 14.0 | 13.9 | 13.8 |
| 85° | 8.3 | 8.5 | 8.3 | 8.1 | 8.1 | 8.1 | 8.3 |
| 87.5° | 7.6 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.2 |
| 90° | 22.5 | 23.6 | 24.3 | 24.7 | 25.1 | 25.7 | 26.1 |
| 92.5° | 24.0 | 24.6 | 25.0 | 25.2 | 25.5 | 25.8 | 26.1 |
| 95° | 40.9 | 41.9 | 42.3 | 42.1 | 41.9 | 41.7 | 41.5 |
| 97.5° | 52.9 | 53.8 | 54.3 | 54.6 | 54.8 | 55.1 | 55.3 |
| 100° | 60.2 | 61.9 | 62.9 | 63.3 | 63.8 | 64.2 | 64.6 |
| 102.5° | 63.2 | 65.4 | 66.9 | 67.5 | 68.1 | 68.7 | 69.3 |
| 105° | 65.9 | 68.3 | 69.9 | 70.8 | 71.6 | 72.5 | 73.3 |
| 107.5° | 75.2 | 72.8 | 72.0 | 72.9 | 73.7 | 74.6 | 75.4 |
| 110° | 104.5 | 83.1 | 72.8 | 73.6 | 74.5 | 75.3 | 76.2 |



TEST NUMBER: P331773-840

CATALOG NUMBER: S122RDIW-S290D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 191.3 | 113.0 | 74.2 | 74.9 | 75.6 | 76.3 | 77.1 |
| 115° | 297.5 | 198.2 | 140.9 | 125.4 | 110.0 | 94.5 | 79.2 |
| 117.5° | 587.4 | 563.4 | 526.0 | 475.2 | 424.5 | 373.9 | 323.1 |
| 120° | 715.0 | 717.6 | 704.4 | 675.5 | 646.5 | 617.5 | 588.7 |
| 122.5° | 757.5 | 759.0 | 757.0 | 751.3 | 745.8 | 740.1 | 734.6 |
| 125° | 819.9 | 821.4 | 822.4 | 823.1 | 823.7 | 824.4 | 825.1 |
| 127.5° | 878.3 | 880.5 | 881.6 | 881.8 | 881.9 | 882.0 | 882.1 |
| 130° | 915.1 | 917.5 | 918.6 | 918.3 | 918.1 | 917.9 | 917.7 |
| 132.5° | 950.4 | 952.4 | 953.3 | 953.0 | 952.8 | 952.6 | 952.4 |
| 135° | 1001.3 | 1003.4 | 1004.3 | 1003.9 | 1003.4 | 1003.0 | 1002.6 |
| 137.5° | 1048.4 | 1050.6 | 1051.3 | 1050.6 | 1049.8 | 1049.0 | 1048.3 |
| 140° | 1078.8 | 1080.8 | 1081.2 | 1080.2 | 1079.0 | 1077.9 | 1076.9 |
| 142.5° | 1106.9 | 1108.6 | 1108.9 | 1107.9 | 1106.8 | 1105.8 | 1104.7 |
| 145° | 1146.1 | 1147.5 | 1147.8 | 1146.7 | 1145.6 | 1144.6 | 1143.5 |
| 147.5° | 1180.0 | 1181.1 | 1181.2 | 1180.3 | 1179.4 | 1178.5 | 1177.6 |
| 150° | 1201.3 | 1202.6 | 1202.7 | 1201.7 | 1200.6 | 1199.5 | 1198.5 |
| 152.5° | 1220.6 | 1221.9 | 1221.9 | 1220.5 | 1219.1 | 1217.7 | 1216.3 |
| 155° | 1246.7 | 1248.0 | 1247.8 | 1246.1 | 1244.4 | 1242.6 | 1240.9 |
| 157.5° | 1268.9 | 1270.3 | 1270.2 | 1268.5 | 1266.9 | 1265.2 | 1263.5 |
| 160° | 1281.4 | 1282.7 | 1282.6 | 1281.1 | 1279.6 | 1278.2 | 1276.7 |
| 162.5° | 1293.5 | 1295.1 | 1294.8 | 1292.9 | 1291.1 | 1289.3 | 1287.5 |
| 165° | 1308.2 | 1309.7 | 1309.7 | 1308.2 | 1306.7 | 1305.1 | 1303.6 |
| 167.5° | 1320.3 | 1321.8 | 1321.6 | 1319.7 | 1317.8 | 1315.9 | 1313.9 |
| 170° | 1326.5 | 1328.0 | 1327.8 | 1325.9 | 1323.9 | 1322.0 | 1320.1 |
| 172.5° | 1331.1 | 1332.6 | 1332.4 | 1330.5 | 1328.6 | 1326.7 | 1324.7 |
| 175° | 1336.2 | 1337.7 | 1337.4 | 1335.1 | 1333.0 | 1330.9 | 1328.8 |
| 177.5° | 1336.4 | 1337.6 | 1337.5 | 1335.8 | 1334.3 | 1332.8 | 1331.3 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |

(END OF REPORT)