

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: P331633-927

Luminaire Tested: **S122RDIP-S290D925U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331633-927
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-S290D925U927-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 290 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 925 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3827.6 lumens
Efficiency: N/A
Efficacy: 102.6 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

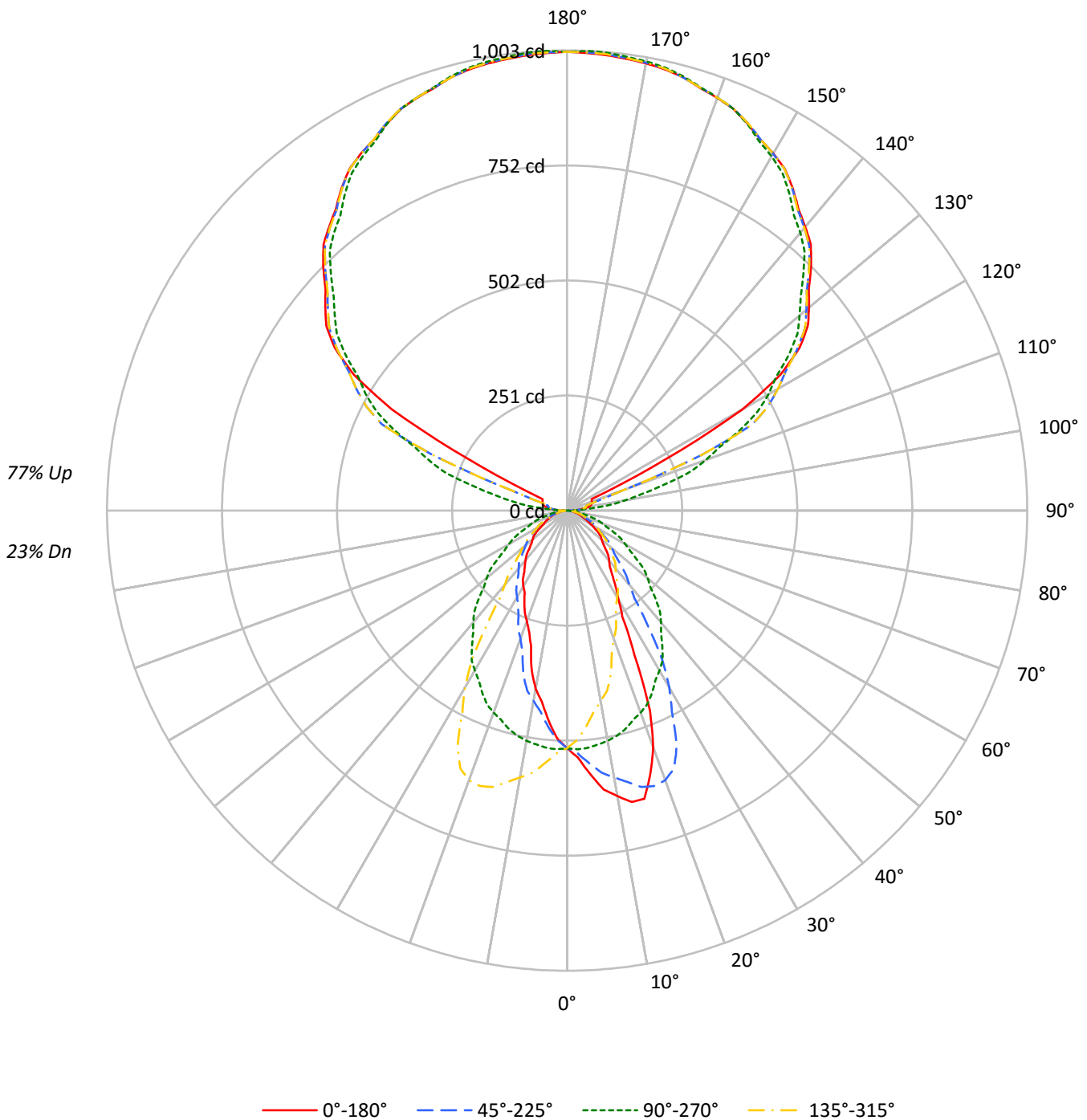
Input Watts (W): 37.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-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 | 90 | 90 | 90 | 90 | 69 | 69 | 69 | 49 | 49 | 49 | 32 | 32 | 32 | 23 |
| 1 | 92 | 88 | 85 | 81 | 82 | 79 | 76 | 73 | 60 | 59 | 57 | 44 | 43 | 42 | 29 | 28 | 27 | 20 |
| 2 | 84 | 77 | 72 | 67 | 75 | 69 | 64 | 60 | 53 | 50 | 48 | 39 | 37 | 35 | 26 | 25 | 24 | 18 |
| 3 | 77 | 68 | 62 | 56 | 68 | 61 | 55 | 51 | 47 | 44 | 40 | 35 | 32 | 30 | 23 | 22 | 21 | 15 |
| 4 | 71 | 61 | 53 | 48 | 63 | 54 | 48 | 43 | 42 | 38 | 35 | 31 | 28 | 26 | 21 | 19 | 18 | 14 |
| 5 | 65 | 54 | 46 | 41 | 57 | 48 | 42 | 37 | 38 | 33 | 30 | 28 | 25 | 23 | 19 | 17 | 16 | 12 |
| 6 | 60 | 48 | 41 | 36 | 53 | 44 | 37 | 32 | 34 | 30 | 26 | 25 | 22 | 20 | 17 | 16 | 14 | 11 |
| 7 | 55 | 44 | 36 | 31 | 49 | 39 | 33 | 28 | 31 | 26 | 23 | 23 | 20 | 18 | 16 | 14 | 13 | 10 |
| 8 | 51 | 40 | 32 | 27 | 45 | 36 | 29 | 25 | 28 | 24 | 21 | 21 | 18 | 16 | 15 | 13 | 12 | 9 |
| 9 | 48 | 36 | 29 | 24 | 42 | 33 | 27 | 22 | 26 | 22 | 18 | 20 | 17 | 14 | 14 | 12 | 11 | 8 |
| 10 | 44 | 33 | 26 | 22 | 40 | 30 | 24 | 20 | 24 | 20 | 17 | 18 | 15 | 13 | 13 | 11 | 10 | 8 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 8360 | 8360 | 8360 | 8360 |
| 5° | 9339 | 8413 | 7460 | 8413 |
| 10° | 10362 | 8355 | 6466 | 8355 |
| 15° | 10870 | 8232 | 5095 | 8232 |
| 20° | 9424 | 8052 | 4409 | 8052 |
| 25° | 6180 | 7803 | 3935 | 7803 |
| 30° | 4161 | 7500 | 3563 | 7500 |
| 35° | 3370 | 7121 | 3213 | 7121 |
| 40° | 2995 | 6709 | 2974 | 6709 |
| 45° | 2710 | 6224 | 2653 | 6224 |
| 50° | 2467 | 5745 | 2459 | 5745 |
| 55° | 2320 | 5210 | 2291 | 5210 |
| 60° | 1941 | 4724 | 1918 | 4724 |
| 65° | 1639 | 4290 | 1857 | 4290 |
| 70° | 1511 | 3829 | 1751 | 3829 |
| 75° | 1416 | 3337 | 1616 | 3337 |
| 80° | 1302 | 2743 | 1432 | 2743 |
| 85° | 1204 | 2167 | 1260 | 2167 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 49.1 | 1.3 |
| 10°-20° | 136.8 | 3.6 |
| 20°-30° | 176.3 | 4.6 |
| 30°-40° | 167.5 | 4.4 |
| 40°-50° | 143.5 | 3.7 |
| 50°-60° | 109.3 | 2.9 |
| 60°-70° | 69.1 | 1.8 |
| 70°-80° | 34.5 | 0.9 |
| 80°-90° | 11.4 | 0.3 |
| 90°-100° | 33.4 | 0.9 |
| 100°-110° | 122.3 | 3.2 |
| 110°-120° | 326.9 | 8.5 |
| 120°-130° | 539.7 | 14.1 |
| 130°-140° | 574.0 | 15.0 |
| 140°-150° | 533.5 | 13.9 |
| 150°-160° | 428.9 | 11.2 |
| 160°-170° | 276.4 | 7.2 |
| 170°-180° | 95.1 | 2.5 |
| 0°-30° | 362.2 | 9.5 |
| 0°-40° | 529.7 | 13.8 |
| 0°-60° | 782.5 | 20.4 |
| 0°-90° | 897.5 | 23.4 |
| 90°-120° | 482.6 | 12.6 |
| 90°-150° | 2129.7 | 55.6 |
| 90°-180° | 2930.0 | 76.5 |
| 0°-180° | 3827.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 518 | 518 | 518 | 518 | 518 | |
| 5° | 576 | 519 | 460 | 519 | 576 | 57 |
| 15° | 650 | 492 | 305 | 492 | 650 | 175 |
| 25° | 347 | 438 | 221 | 438 | 347 | 165 |
| 35° | 171 | 361 | 163 | 361 | 171 | 109 |
| 45° | 119 | 273 | 116 | 273 | 119 | 92 |
| 55° | 82 | 185 | 81 | 185 | 82 | 72 |
| 65° | 43 | 112 | 49 | 112 | 43 | 44 |
| 75° | 23 | 54 | 26 | 54 | 23 | 24 |
| 85° | 6 | 12 | 7 | 12 | 6 | 7 |
| 90° | 20 | 1 | 20 | 1 | 20 | 9 |
| 95° | 31 | 47 | 31 | 47 | 31 | 29 |
| 105° | 55 | 220 | 55 | 220 | 55 | 57 |
| 115° | 59 | 416 | 59 | 416 | 59 | 149 |
| 125° | 619 | 588 | 619 | 588 | 619 | 535 |
| 135° | 752 | 728 | 752 | 728 | 752 | 579 |
| 145° | 857 | 844 | 857 | 844 | 857 | 536 |
| 155° | 930 | 930 | 930 | 930 | 930 | 429 |
| 165° | 978 | 980 | 978 | 980 | 978 | 276 |
| 175° | 996 | 1002 | 996 | 1002 | 996 | 95 |
| 180° | 1000 | 1000 | 1000 | 1000 | 1000 | |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5° | 538.9 | 539.3 | 539.8 | 538.8 | 538.8 | 537.9 | 536.0 | 534.6 | 530.5 | 530.0 | 530.0 |
| 5° | 576.2 | 575.8 | 576.6 | 574.2 | 571.0 | 570.2 | 566.8 | 562.3 | 557.6 | 552.5 | 551.4 |
| 7.5° | 613.2 | 612.7 | 611.2 | 610.9 | 608.4 | 602.9 | 597.5 | 591.6 | 583.8 | 576.2 | 572.4 |
| 10° | 632.0 | 637.9 | 634.3 | 628.0 | 629.2 | 620.8 | 616.3 | 608.6 | 602.1 | 590.7 | 588.3 |
| 12.5° | 650.4 | 652.8 | 651.6 | 648.0 | 646.4 | 640.6 | 634.5 | 627.7 | 615.8 | 605.6 | 596.8 |
| 15° | 650.3 | 653.7 | 654.7 | 653.6 | 654.4 | 654.1 | 650.9 | 645.3 | 634.9 | 623.7 | 613.9 |
| 17.5° | 602.3 | 604.7 | 610.6 | 614.6 | 619.6 | 630.3 | 635.6 | 637.5 | 636.0 | 629.6 | 622.8 |
| 20° | 548.5 | 544.5 | 561.1 | 569.5 | 576.7 | 594.7 | 610.2 | 616.2 | 625.7 | 625.5 | 623.7 |
| 22.5° | 472.1 | 473.1 | 488.8 | 498.8 | 519.8 | 537.9 | 555.5 | 577.8 | 596.3 | 608.5 | 615.6 |
| 25° | 346.9 | 353.8 | 369.4 | 383.1 | 406.5 | 440.0 | 470.4 | 505.6 | 538.9 | 565.2 | 590.3 |
| 27.5° | 260.5 | 261.1 | 273.5 | 286.1 | 300.0 | 327.4 | 365.8 | 407.8 | 455.3 | 494.5 | 539.5 |
| 30° | 223.2 | 222.0 | 227.3 | 235.0 | 246.9 | 268.2 | 296.9 | 338.3 | 385.6 | 444.7 | 497.2 |
| 32.5° | 196.6 | 196.7 | 200.7 | 206.4 | 216.2 | 230.5 | 250.3 | 283.9 | 328.6 | 386.7 | 448.2 |
| 35° | 171.0 | 170.8 | 173.6 | 177.8 | 181.9 | 191.1 | 204.6 | 222.2 | 253.0 | 307.1 | 370.1 |
| 37.5° | 152.5 | 153.3 | 154.7 | 157.3 | 161.8 | 167.0 | 175.1 | 187.0 | 208.8 | 240.9 | 293.8 |
| 40° | 142.1 | 142.5 | 144.5 | 146.6 | 149.3 | 153.3 | 159.9 | 169.5 | 185.5 | 211.0 | 249.8 |
| 42.5° | 132.7 | 133.0 | 134.4 | 136.4 | 138.6 | 142.5 | 148.1 | 156.3 | 169.3 | 189.2 | 221.1 |
| 45° | 118.7 | 118.7 | 120.0 | 120.9 | 123.3 | 126.8 | 131.3 | 138.2 | 147.2 | 161.9 | 183.2 |
| 47.5° | 105.8 | 105.8 | 106.6 | 108.1 | 109.6 | 112.4 | 116.8 | 122.5 | 129.0 | 140.4 | 158.5 |
| 50° | 98.2 | 98.5 | 98.9 | 100.2 | 101.2 | 103.6 | 107.1 | 111.9 | 118.7 | 127.6 | 142.7 |
| 52.5° | 92.2 | 92.1 | 92.8 | 93.3 | 94.0 | 95.7 | 98.3 | 102.6 | 108.7 | 116.4 | 128.9 |
| 55° | 82.4 | 81.7 | 82.8 | 83.7 | 84.2 | 84.9 | 86.3 | 89.0 | 94.3 | 100.8 | 110.1 |
| 57.5° | 70.2 | 69.9 | 70.7 | 71.5 | 73.2 | 75.1 | 76.4 | 78.0 | 80.7 | 85.4 | 94.7 |
| 60° | 60.1 | 60.1 | 61.7 | 62.3 | 64.2 | 66.8 | 69.3 | 70.7 | 73.4 | 76.4 | 83.3 |
| 62.5° | 51.2 | 51.3 | 52.0 | 52.6 | 53.7 | 56.8 | 60.4 | 63.5 | 66.1 | 69.0 | 73.5 |
| 65° | 42.9 | 43.2 | 43.2 | 43.6 | 44.3 | 45.0 | 46.4 | 49.0 | 53.5 | 57.6 | 61.0 |
| 67.5° | 36.4 | 36.4 | 36.6 | 36.9 | 37.1 | 37.9 | 38.5 | 39.6 | 40.6 | 44.5 | 48.8 |
| 70° | 32.0 | 32.6 | 32.4 | 32.7 | 33.0 | 33.3 | 34.0 | 34.5 | 36.2 | 37.1 | 39.6 |
| 72.5° | 28.0 | 28.4 | 28.4 | 28.6 | 29.1 | 29.2 | 29.7 | 30.3 | 31.3 | 32.0 | 33.4 |
| 75° | 22.7 | 22.5 | 22.7 | 23.1 | 23.2 | 23.4 | 23.4 | 24.1 | 24.6 | 25.3 | 26.3 |
| 77.5° | 17.5 | 17.7 | 17.7 | 17.7 | 17.7 | 18.1 | 18.0 | 18.3 | 18.9 | 19.3 | 19.6 |
| 80° | 14.0 | 14.2 | 14.0 | 14.2 | 14.4 | 14.6 | 14.4 | 14.6 | 15.1 | 15.4 | 15.4 |
| 82.5° | 10.9 | 10.9 | 11.0 | 11.0 | 11.1 | 11.1 | 11.4 | 11.4 | 11.8 | 11.7 | 11.9 |
| 85° | 6.5 | 6.3 | 6.3 | 6.3 | 6.5 | 6.7 | 6.5 | 6.5 | 6.7 | 6.7 | 6.7 |
| 87.5° | 6.2 | 6.3 | 6.3 | 6.2 | 6.1 | 6.0 | 5.9 | 5.8 | 5.5 | 5.5 | 5.1 |
| 90° | 19.6 | 19.3 | 18.9 | 18.5 | 18.2 | 17.7 | 16.9 | 16.1 | 15.3 | 14.5 | 13.2 |
| 92.5° | 19.6 | 19.3 | 19.2 | 18.9 | 18.8 | 18.5 | 18.1 | 17.6 | 17.2 | 16.8 | 16.2 |
| 95° | 31.1 | 31.3 | 31.4 | 31.6 | 31.8 | 31.4 | 30.7 | 29.8 | 29.0 | 28.2 | 27.1 |
| 97.5° | 41.5 | 41.4 | 41.1 | 41.0 | 40.7 | 40.3 | 39.7 | 39.1 | 38.4 | 37.8 | 35.2 |
| 100° | 48.5 | 48.2 | 47.8 | 47.5 | 47.2 | 46.4 | 45.1 | 43.8 | 42.5 | 41.3 | 38.5 |
| 102.5° | 52.0 | 51.5 | 51.0 | 50.6 | 50.1 | 49.1 | 47.5 | 45.7 | 44.0 | 42.4 | 38.5 |
| 105° | 55.0 | 54.3 | 53.7 | 53.1 | 52.4 | 51.2 | 49.4 | 47.7 | 45.9 | 44.1 | 38.0 |
| 107.5° | 56.6 | 55.9 | 55.3 | 54.7 | 54.0 | 54.6 | 56.4 | 58.1 | 60.0 | 61.8 | 114.4 |
| 110° | 57.2 | 56.5 | 55.8 | 55.2 | 54.6 | 62.3 | 78.3 | 94.4 | 110.5 | 126.6 | 173.1 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 57.8 | 57.2 | 56.7 | 56.2 | 55.7 | 84.8 | 143.4 | 202.1 | 260.7 | 319.3 | 330.8 |
| 115° | 59.3 | 70.9 | 82.5 | 94.0 | 105.6 | 148.6 | 223.1 | 297.5 | 371.9 | 446.4 | 442.4 |
| 117.5° | 242.2 | 280.3 | 318.3 | 356.3 | 394.3 | 422.4 | 440.5 | 458.4 | 476.4 | 494.4 | 491.7 |
| 120° | 441.3 | 463.0 | 484.7 | 506.4 | 528.1 | 538.1 | 536.1 | 534.2 | 532.3 | 530.3 | 527.4 |
| 122.5° | 550.7 | 554.9 | 559.1 | 563.4 | 567.6 | 569.1 | 567.9 | 566.8 | 565.6 | 564.5 | 561.3 |
| 125° | 618.6 | 618.1 | 617.6 | 617.1 | 616.6 | 615.8 | 614.7 | 613.6 | 612.5 | 611.3 | 608.3 |
| 127.5° | 661.4 | 661.3 | 661.2 | 661.2 | 661.0 | 660.2 | 658.5 | 656.9 | 655.2 | 653.6 | 651.3 |
| 130° | 688.0 | 688.2 | 688.3 | 688.6 | 688.7 | 687.9 | 686.1 | 684.4 | 682.5 | 680.8 | 679.1 |
| 132.5° | 714.1 | 714.2 | 714.4 | 714.5 | 714.7 | 714.1 | 712.6 | 711.1 | 709.6 | 708.0 | 706.2 |
| 135° | 751.7 | 752.0 | 752.3 | 752.7 | 753.0 | 752.3 | 750.8 | 749.2 | 747.5 | 745.9 | 744.5 |
| 137.5° | 786.0 | 786.6 | 787.1 | 787.7 | 788.2 | 787.7 | 786.1 | 784.5 | 782.9 | 781.4 | 779.7 |
| 140° | 807.4 | 808.3 | 809.1 | 809.8 | 810.6 | 810.3 | 808.9 | 807.4 | 806.0 | 804.5 | 802.8 |
| 142.5° | 828.2 | 829.1 | 829.9 | 830.7 | 831.5 | 831.2 | 829.9 | 828.5 | 827.3 | 825.9 | 823.9 |
| 145° | 857.4 | 858.2 | 859.0 | 859.8 | 860.5 | 860.4 | 859.3 | 858.2 | 857.0 | 855.9 | 853.2 |
| 147.5° | 883.0 | 883.6 | 884.3 | 884.9 | 885.7 | 885.6 | 884.7 | 883.9 | 883.0 | 882.3 | 879.6 |
| 150° | 898.6 | 899.4 | 900.2 | 901.0 | 901.8 | 901.7 | 900.8 | 899.8 | 898.8 | 897.9 | 895.3 |
| 152.5° | 911.9 | 913.0 | 914.0 | 915.0 | 916.2 | 916.2 | 915.2 | 914.3 | 913.3 | 912.4 | 909.9 |
| 155° | 930.4 | 931.7 | 933.0 | 934.3 | 935.6 | 935.7 | 934.8 | 933.8 | 932.8 | 931.8 | 929.9 |
| 157.5° | 947.4 | 948.6 | 949.8 | 951.1 | 952.4 | 952.4 | 951.3 | 950.2 | 949.2 | 948.1 | 946.7 |
| 160° | 957.2 | 958.3 | 959.4 | 960.5 | 961.7 | 961.8 | 960.8 | 959.8 | 958.9 | 957.9 | 957.0 |
| 162.5° | 965.3 | 966.7 | 968.0 | 969.5 | 970.8 | 971.0 | 969.9 | 968.8 | 967.7 | 966.6 | 965.7 |
| 165° | 977.5 | 978.6 | 979.7 | 980.8 | 981.9 | 981.9 | 980.8 | 979.7 | 978.6 | 977.5 | 977.0 |
| 167.5° | 985.1 | 986.6 | 988.0 | 989.4 | 990.9 | 991.1 | 989.9 | 988.8 | 987.7 | 986.6 | 986.1 |
| 170° | 989.8 | 991.2 | 992.6 | 994.1 | 995.5 | 995.7 | 994.6 | 993.5 | 992.3 | 991.2 | 990.9 |
| 172.5° | 993.2 | 994.7 | 996.1 | 997.5 | 999.0 | 999.2 | 998.1 | 996.9 | 995.8 | 994.7 | 994.3 |
| 175° | 996.2 | 997.8 | 999.5 | 1001.1 | 1002.7 | 1002.9 | 1001.8 | 1000.7 | 999.6 | 998.4 | 998.1 |
| 177.5° | 998.1 | 999.3 | 1000.4 | 1001.6 | 1002.7 | 1002.9 | 1002.0 | 1001.1 | 1000.2 | 999.3 | 999.2 |
| 180° | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5° | 530.3 | 529.1 | 528.1 | 525.5 | 524.2 | 521.3 | 520.9 | 520.8 | 517.1 | 513.4 | 512.4 |
| 5° | 548.5 | 545.6 | 541.3 | 536.2 | 531.0 | 525.6 | 522.0 | 519.1 | 511.9 | 505.1 | 501.1 |
| 7.5° | 566.8 | 560.6 | 553.2 | 543.7 | 535.7 | 526.8 | 520.1 | 514.2 | 504.0 | 494.2 | 487.6 |
| 10° | 580.5 | 570.5 | 560.5 | 547.4 | 537.1 | 527.0 | 517.7 | 509.6 | 498.1 | 485.1 | 475.9 |
| 12.5° | 589.0 | 577.9 | 564.3 | 551.4 | 538.1 | 525.3 | 512.8 | 502.4 | 488.9 | 475.5 | 464.6 |
| 15° | 600.5 | 588.6 | 572.0 | 553.7 | 536.6 | 519.8 | 505.5 | 492.5 | 474.9 | 458.8 | 445.5 |
| 17.5° | 609.9 | 593.5 | 575.8 | 554.5 | 534.7 | 513.5 | 495.0 | 478.4 | 458.8 | 439.4 | 423.7 |
| 20° | 612.9 | 596.7 | 576.2 | 554.9 | 531.6 | 506.5 | 486.6 | 468.6 | 447.5 | 426.4 | 408.4 |
| 22.5° | 611.0 | 598.4 | 575.6 | 550.2 | 526.2 | 500.1 | 477.5 | 456.6 | 433.2 | 411.8 | 390.9 |
| 25° | 598.3 | 594.0 | 572.4 | 544.7 | 517.4 | 487.0 | 460.8 | 438.0 | 411.4 | 388.3 | 365.7 |
| 27.5° | 568.7 | 578.1 | 564.7 | 535.1 | 504.7 | 472.1 | 442.8 | 416.8 | 389.1 | 363.2 | 340.6 |
| 30° | 540.2 | 561.6 | 555.9 | 528.5 | 494.5 | 462.5 | 429.5 | 402.3 | 372.9 | 346.2 | 323.9 |
| 32.5° | 501.2 | 536.5 | 542.2 | 519.3 | 484.1 | 448.9 | 414.4 | 387.4 | 356.6 | 328.5 | 306.7 |
| 35° | 439.0 | 491.9 | 516.3 | 501.7 | 466.4 | 428.4 | 392.8 | 361.3 | 330.3 | 302.7 | 281.1 |
| 37.5° | 365.0 | 437.0 | 477.5 | 478.6 | 446.2 | 406.7 | 367.9 | 336.6 | 304.9 | 277.7 | 254.4 |
| 40° | 316.9 | 395.0 | 447.7 | 459.4 | 432.1 | 389.4 | 350.1 | 318.3 | 287.4 | 260.7 | 233.9 |
| 42.5° | 273.7 | 351.5 | 416.3 | 436.7 | 414.9 | 372.6 | 333.2 | 299.9 | 269.8 | 244.6 | 217.2 |
| 45° | 221.3 | 289.4 | 360.8 | 397.1 | 385.1 | 345.9 | 304.3 | 272.6 | 244.4 | 222.6 | 196.3 |
| 47.5° | 186.7 | 234.6 | 303.8 | 352.9 | 352.8 | 317.0 | 276.0 | 245.7 | 219.5 | 199.1 | 177.8 |
| 50° | 167.0 | 208.7 | 267.2 | 323.0 | 327.6 | 297.6 | 258.7 | 228.7 | 204.2 | 182.8 | 165.7 |
| 52.5° | 149.2 | 183.7 | 236.2 | 289.8 | 303.1 | 277.0 | 239.3 | 211.6 | 187.8 | 168.1 | 153.5 |
| 55° | 126.1 | 152.8 | 192.7 | 242.7 | 262.9 | 244.5 | 211.0 | 185.1 | 165.9 | 149.3 | 136.7 |
| 57.5° | 106.7 | 126.7 | 158.8 | 199.0 | 222.4 | 211.0 | 183.3 | 162.2 | 145.8 | 130.8 | 120.9 |
| 60° | 94.5 | 110.8 | 138.0 | 171.7 | 197.6 | 189.5 | 165.9 | 146.3 | 132.3 | 119.3 | 110.0 |
| 62.5° | 82.9 | 97.0 | 120.3 | 147.7 | 171.3 | 168.0 | 148.8 | 132.3 | 120.0 | 108.2 | 100.3 |
| 65° | 66.8 | 77.0 | 95.2 | 116.6 | 135.7 | 137.3 | 123.4 | 112.3 | 101.3 | 92.0 | 84.9 |
| 67.5° | 53.2 | 59.9 | 72.6 | 90.7 | 105.0 | 110.1 | 101.6 | 93.1 | 84.4 | 77.2 | 71.1 |
| 70° | 44.8 | 50.2 | 59.6 | 74.1 | 87.3 | 92.7 | 87.8 | 81.1 | 73.6 | 67.7 | 62.4 |
| 72.5° | 36.3 | 41.6 | 48.5 | 59.2 | 70.4 | 76.3 | 74.5 | 69.8 | 63.7 | 58.7 | 53.8 |
| 75° | 27.3 | 29.0 | 33.7 | 40.9 | 49.7 | 54.7 | 55.9 | 53.5 | 48.6 | 44.8 | 41.9 |
| 77.5° | 20.2 | 21.2 | 23.4 | 27.2 | 33.0 | 37.5 | 39.3 | 39.0 | 35.6 | 33.5 | 30.7 |
| 80° | 16.2 | 16.7 | 17.8 | 19.4 | 23.8 | 28.3 | 29.5 | 29.5 | 27.2 | 26.3 | 23.6 |
| 82.5° | 12.3 | 12.7 | 13.4 | 14.3 | 16.2 | 20.2 | 21.6 | 21.9 | 20.4 | 19.3 | 17.1 |
| 85° | 7.1 | 6.8 | 7.2 | 7.8 | 8.1 | 9.2 | 11.3 | 11.7 | 11.3 | 9.9 | 9.3 |
| 87.5° | 4.8 | 4.7 | 4.4 | 4.0 | 3.8 | 3.6 | 4.0 | 4.4 | 4.1 | 4.0 | 4.1 |
| 90° | 11.9 | 10.6 | 9.3 | 7.8 | 6.0 | 4.3 | 2.5 | 0.7 | 2.5 | 4.3 | 6.0 |
| 92.5° | 15.5 | 14.9 | 14.2 | 13.9 | 14.1 | 14.3 | 14.4 | 14.6 | 14.4 | 14.3 | 14.1 |
| 95° | 26.0 | 24.9 | 23.7 | 25.8 | 31.1 | 36.4 | 41.7 | 47.1 | 41.7 | 36.4 | 31.1 |
| 97.5° | 32.6 | 29.9 | 27.3 | 33.5 | 48.5 | 63.5 | 78.3 | 93.3 | 78.3 | 63.5 | 48.5 |
| 100° | 35.8 | 33.0 | 30.3 | 39.9 | 61.9 | 84.0 | 106.0 | 128.1 | 106.0 | 84.0 | 61.9 |
| 102.5° | 88.1 | 111.0 | 133.9 | 147.6 | 152.3 | 156.9 | 161.6 | 166.3 | 161.6 | 156.9 | 152.3 |
| 105° | 131.9 | 175.8 | 219.7 | 239.2 | 234.4 | 229.6 | 224.7 | 219.9 | 224.7 | 229.6 | 234.4 |
| 107.5° | 167.1 | 219.7 | 272.4 | 296.8 | 292.8 | 288.9 | 285.0 | 281.1 | 285.0 | 288.9 | 292.8 |
| 110° | 219.5 | 266.0 | 312.4 | 334.0 | 330.7 | 327.3 | 323.9 | 320.5 | 323.9 | 327.3 | 330.7 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 342.3 | 353.8 | 365.3 | 369.5 | 366.5 | 363.5 | 360.5 | 357.5 | 360.5 | 363.5 | 366.5 |
| 115° | 438.4 | 434.4 | 430.3 | 426.9 | 424.2 | 421.4 | 418.7 | 416.0 | 418.7 | 421.4 | 424.2 |
| 117.5° | 488.9 | 486.2 | 483.4 | 480.5 | 477.4 | 474.4 | 471.3 | 468.3 | 471.3 | 474.4 | 477.4 |
| 120° | 524.5 | 521.7 | 518.7 | 516.1 | 513.7 | 511.3 | 508.8 | 506.4 | 508.8 | 511.3 | 513.7 |
| 122.5° | 558.2 | 555.0 | 551.8 | 549.0 | 546.4 | 543.9 | 541.4 | 538.8 | 541.4 | 543.9 | 546.4 |
| 125° | 605.2 | 602.2 | 599.1 | 596.6 | 594.5 | 592.4 | 590.3 | 588.2 | 590.3 | 592.4 | 594.5 |
| 127.5° | 649.0 | 646.7 | 644.4 | 642.1 | 639.8 | 637.5 | 635.3 | 632.9 | 635.3 | 637.5 | 639.8 |
| 130° | 677.2 | 675.5 | 673.8 | 671.5 | 669.0 | 666.4 | 663.8 | 661.3 | 663.8 | 666.4 | 669.0 |
| 132.5° | 704.5 | 702.7 | 700.9 | 698.9 | 696.8 | 694.6 | 692.4 | 690.2 | 692.4 | 694.6 | 696.8 |
| 135° | 743.1 | 741.6 | 740.1 | 738.2 | 735.5 | 733.0 | 730.4 | 727.9 | 730.4 | 733.0 | 735.5 |
| 137.5° | 778.1 | 776.4 | 774.8 | 773.1 | 771.3 | 769.5 | 767.7 | 765.9 | 767.7 | 769.5 | 771.3 |
| 140° | 801.0 | 799.2 | 797.5 | 795.9 | 794.6 | 793.4 | 792.1 | 790.8 | 792.1 | 793.4 | 794.6 |
| 142.5° | 821.9 | 819.8 | 817.8 | 816.3 | 815.1 | 814.0 | 812.8 | 811.6 | 812.8 | 814.0 | 815.1 |
| 145° | 850.4 | 847.7 | 844.9 | 843.7 | 843.8 | 844.0 | 844.1 | 844.3 | 844.1 | 844.0 | 843.8 |
| 147.5° | 876.9 | 874.1 | 871.4 | 870.4 | 871.0 | 871.6 | 872.2 | 872.8 | 872.2 | 871.6 | 871.0 |
| 150° | 892.7 | 890.2 | 887.6 | 886.8 | 888.0 | 889.1 | 890.3 | 891.4 | 890.3 | 889.1 | 888.0 |
| 152.5° | 907.4 | 905.0 | 902.5 | 902.0 | 903.2 | 904.4 | 905.7 | 907.0 | 905.7 | 904.4 | 903.2 |
| 155° | 928.0 | 926.1 | 924.2 | 923.9 | 925.3 | 926.8 | 928.3 | 929.7 | 928.3 | 926.8 | 925.3 |
| 157.5° | 945.4 | 944.0 | 942.7 | 942.6 | 943.8 | 945.1 | 946.3 | 947.5 | 946.3 | 945.1 | 943.8 |
| 160° | 956.0 | 955.0 | 954.0 | 954.0 | 955.0 | 956.0 | 957.0 | 957.9 | 957.0 | 956.0 | 955.0 |
| 162.5° | 964.9 | 964.1 | 963.2 | 963.3 | 964.2 | 965.3 | 966.2 | 967.2 | 966.2 | 965.3 | 964.2 |
| 165° | 976.4 | 976.0 | 975.5 | 975.7 | 976.7 | 977.7 | 978.7 | 979.6 | 978.7 | 977.7 | 976.7 |
| 167.5° | 985.6 | 985.2 | 984.8 | 985.0 | 986.0 | 987.0 | 987.9 | 988.9 | 987.9 | 987.0 | 986.0 |
| 170° | 990.5 | 990.2 | 989.9 | 990.2 | 991.2 | 992.1 | 993.1 | 994.1 | 993.1 | 992.1 | 991.2 |
| 172.5° | 994.0 | 993.7 | 993.4 | 993.7 | 994.7 | 995.6 | 996.6 | 997.5 | 996.6 | 995.6 | 994.7 |
| 175° | 997.8 | 997.4 | 997.1 | 997.5 | 998.6 | 999.8 | 1000.9 | 1002.0 | 1000.9 | 999.8 | 998.6 |
| 177.5° | 999.0 | 998.9 | 998.8 | 999.2 | 1000.1 | 1001.0 | 1001.9 | 1002.7 | 1001.9 | 1001.0 | 1000.1 |
| 180° | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5° | 510.6 | 509.5 | 507.6 | 504.8 | 503.0 | 500.0 | 498.0 | 499.2 | 499.5 | 499.2 | 498.9 |
| 5° | 496.9 | 493.1 | 487.8 | 482.8 | 478.1 | 473.1 | 470.2 | 469.0 | 466.4 | 465.0 | 464.2 |
| 7.5° | 480.2 | 473.7 | 466.4 | 457.6 | 450.1 | 442.3 | 438.3 | 436.3 | 431.2 | 428.4 | 426.0 |
| 10° | 467.9 | 457.6 | 450.2 | 438.7 | 431.7 | 421.4 | 414.4 | 414.6 | 407.6 | 403.6 | 400.8 |
| 12.5° | 454.2 | 442.9 | 430.6 | 420.3 | 410.5 | 402.3 | 393.8 | 390.4 | 382.9 | 379.1 | 371.4 |
| 15° | 431.5 | 418.4 | 405.4 | 391.4 | 381.5 | 368.7 | 356.5 | 341.5 | 329.5 | 319.0 | 316.2 |
| 17.5° | 406.8 | 390.5 | 377.5 | 361.0 | 344.0 | 322.6 | 308.4 | 299.7 | 292.5 | 286.9 | 282.8 |
| 20° | 389.8 | 373.2 | 359.3 | 334.5 | 311.6 | 297.1 | 286.7 | 280.0 | 272.4 | 266.5 | 263.2 |
| 22.5° | 371.9 | 354.7 | 335.7 | 308.0 | 290.2 | 278.5 | 269.3 | 261.6 | 256.4 | 251.8 | 248.8 |
| 25° | 346.6 | 327.6 | 296.5 | 277.5 | 263.1 | 250.8 | 244.4 | 239.7 | 234.3 | 228.0 | 225.1 |
| 27.5° | 319.8 | 289.8 | 267.4 | 253.2 | 239.5 | 231.6 | 225.7 | 218.7 | 213.9 | 211.0 | 208.0 |
| 30° | 299.8 | 269.7 | 252.3 | 236.8 | 227.1 | 218.2 | 211.4 | 207.5 | 202.8 | 198.0 | 196.0 |
| 32.5° | 277.5 | 253.5 | 236.7 | 223.9 | 214.0 | 206.4 | 201.1 | 194.6 | 191.3 | 188.3 | 184.2 |
| 35° | 249.8 | 231.6 | 216.3 | 205.9 | 196.5 | 190.4 | 184.1 | 180.3 | 174.2 | 171.7 | 170.1 |
| 37.5° | 226.3 | 210.6 | 199.2 | 188.1 | 180.7 | 174.0 | 170.1 | 164.1 | 161.4 | 157.9 | 154.5 |
| 40° | 213.0 | 197.6 | 186.6 | 177.6 | 169.3 | 164.3 | 159.5 | 154.6 | 150.6 | 149.0 | 144.9 |
| 42.5° | 199.6 | 187.0 | 175.9 | 166.1 | 160.6 | 155.2 | 149.1 | 145.5 | 141.4 | 138.8 | 136.3 |
| 45° | 180.9 | 169.7 | 160.3 | 152.3 | 146.1 | 140.5 | 136.6 | 130.6 | 128.3 | 123.1 | 120.9 |
| 47.5° | 164.5 | 154.1 | 145.1 | 137.4 | 131.5 | 127.9 | 122.1 | 117.4 | 113.7 | 110.4 | 107.7 |
| 50° | 152.8 | 144.1 | 135.5 | 128.7 | 123.3 | 118.0 | 112.1 | 109.8 | 104.0 | 102.3 | 100.8 |
| 52.5° | 142.1 | 133.9 | 126.0 | 119.3 | 113.9 | 108.8 | 103.6 | 100.5 | 96.6 | 95.1 | 93.9 |
| 55° | 127.2 | 119.3 | 111.8 | 105.8 | 100.4 | 95.2 | 92.0 | 88.2 | 86.3 | 85.1 | 83.7 |
| 57.5° | 112.3 | 105.1 | 99.3 | 93.3 | 87.9 | 83.7 | 80.0 | 77.7 | 75.9 | 74.2 | 72.5 |
| 60° | 102.7 | 95.9 | 90.7 | 85.1 | 79.5 | 76.1 | 73.3 | 70.5 | 68.4 | 65.8 | 65.1 |
| 62.5° | 92.7 | 86.7 | 81.9 | 76.4 | 71.6 | 68.5 | 65.8 | 63.2 | 60.6 | 57.0 | 55.9 |
| 65° | 78.8 | 74.1 | 69.1 | 64.6 | 60.3 | 57.2 | 53.2 | 50.4 | 49.3 | 49.0 | 48.8 |
| 67.5° | 66.3 | 61.9 | 57.5 | 52.9 | 49.0 | 46.2 | 44.1 | 43.7 | 42.9 | 42.8 | 42.2 |
| 70° | 57.9 | 53.8 | 49.5 | 45.2 | 41.4 | 40.9 | 40.2 | 39.4 | 38.5 | 38.2 | 37.8 |
| 72.5° | 50.5 | 46.2 | 41.8 | 38.4 | 36.8 | 36.1 | 35.4 | 34.6 | 34.1 | 33.7 | 33.5 |
| 75° | 38.7 | 34.7 | 31.8 | 30.6 | 29.7 | 29.2 | 28.0 | 27.6 | 27.2 | 26.6 | 26.5 |
| 77.5° | 27.9 | 25.6 | 24.3 | 23.5 | 22.6 | 22.0 | 21.4 | 20.8 | 20.4 | 20.4 | 20.0 |
| 80° | 21.2 | 20.1 | 19.3 | 18.1 | 17.8 | 17.1 | 17.0 | 16.4 | 16.6 | 16.0 | 16.0 |
| 82.5° | 16.5 | 15.1 | 14.3 | 13.9 | 13.5 | 12.9 | 12.8 | 12.5 | 12.5 | 12.1 | 12.1 |
| 85° | 8.5 | 8.1 | 7.8 | 7.4 | 7.4 | 6.8 | 7.1 | 6.8 | 6.8 | 6.5 | 6.3 |
| 87.5° | 4.3 | 4.4 | 4.4 | 4.7 | 4.9 | 5.1 | 5.2 | 5.2 | 5.4 | 5.5 | 5.5 |
| 90° | 7.8 | 9.3 | 10.6 | 11.9 | 13.2 | 14.5 | 15.3 | 16.1 | 16.9 | 17.7 | 18.2 |
| 92.5° | 13.9 | 14.2 | 14.9 | 15.5 | 16.2 | 16.8 | 17.2 | 17.6 | 18.1 | 18.5 | 18.8 |
| 95° | 25.8 | 23.7 | 24.9 | 26.0 | 27.1 | 28.2 | 29.0 | 29.8 | 30.7 | 31.4 | 31.8 |
| 97.5° | 33.5 | 27.3 | 29.9 | 32.6 | 35.2 | 37.8 | 38.4 | 39.1 | 39.7 | 40.3 | 40.7 |
| 100° | 39.9 | 30.3 | 33.0 | 35.8 | 38.5 | 41.3 | 42.5 | 43.8 | 45.1 | 46.4 | 47.2 |
| 102.5° | 147.6 | 133.9 | 111.0 | 88.1 | 65.3 | 42.4 | 44.0 | 45.7 | 47.5 | 49.1 | 50.1 |
| 105° | 239.2 | 219.7 | 175.8 | 131.9 | 88.0 | 44.1 | 45.9 | 47.7 | 49.4 | 51.2 | 52.4 |
| 107.5° | 296.8 | 272.4 | 219.7 | 167.1 | 114.4 | 61.8 | 60.0 | 58.1 | 56.4 | 54.6 | 54.0 |
| 110° | 334.0 | 312.4 | 266.0 | 219.5 | 173.1 | 126.6 | 110.5 | 94.4 | 78.3 | 62.3 | 54.6 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 369.5 | 365.3 | 353.8 | 342.3 | 330.8 | 319.3 | 260.7 | 202.1 | 143.4 | 84.8 | 55.7 |
| 115° | 426.9 | 430.3 | 434.4 | 438.4 | 442.4 | 446.4 | 371.9 | 297.5 | 223.1 | 148.6 | 105.6 |
| 117.5° | 480.5 | 483.4 | 486.2 | 488.9 | 491.7 | 494.4 | 476.4 | 458.4 | 440.5 | 422.4 | 394.3 |
| 120° | 516.1 | 518.7 | 521.7 | 524.5 | 527.4 | 530.3 | 532.3 | 534.2 | 536.1 | 538.1 | 528.1 |
| 122.5° | 549.0 | 551.8 | 555.0 | 558.2 | 561.3 | 564.5 | 565.6 | 566.8 | 567.9 | 569.1 | 567.6 |
| 125° | 596.6 | 599.1 | 602.2 | 605.2 | 608.3 | 611.3 | 612.5 | 613.6 | 614.7 | 615.8 | 616.6 |
| 127.5° | 642.1 | 644.4 | 646.7 | 649.0 | 651.3 | 653.6 | 655.2 | 656.9 | 658.5 | 660.2 | 661.0 |
| 130° | 671.5 | 673.8 | 675.5 | 677.2 | 679.1 | 680.8 | 682.5 | 684.4 | 686.1 | 687.9 | 688.7 |
| 132.5° | 698.9 | 700.9 | 702.7 | 704.5 | 706.2 | 708.0 | 709.6 | 711.1 | 712.6 | 714.1 | 714.7 |
| 135° | 738.2 | 740.1 | 741.6 | 743.1 | 744.5 | 745.9 | 747.5 | 749.2 | 750.8 | 752.3 | 753.0 |
| 137.5° | 773.1 | 774.8 | 776.4 | 778.1 | 779.7 | 781.4 | 782.9 | 784.5 | 786.1 | 787.7 | 788.2 |
| 140° | 795.9 | 797.5 | 799.2 | 801.0 | 802.8 | 804.5 | 806.0 | 807.4 | 808.9 | 810.3 | 810.6 |
| 142.5° | 816.3 | 817.8 | 819.8 | 821.9 | 823.9 | 825.9 | 827.3 | 828.5 | 829.9 | 831.2 | 831.5 |
| 145° | 843.7 | 844.9 | 847.7 | 850.4 | 853.2 | 855.9 | 857.0 | 858.2 | 859.3 | 860.4 | 860.5 |
| 147.5° | 870.4 | 871.4 | 874.1 | 876.9 | 879.6 | 882.3 | 883.0 | 883.9 | 884.7 | 885.6 | 885.7 |
| 150° | 886.8 | 887.6 | 890.2 | 892.7 | 895.3 | 897.9 | 898.8 | 899.8 | 900.8 | 901.7 | 901.8 |
| 152.5° | 902.0 | 902.5 | 905.0 | 907.4 | 909.9 | 912.4 | 913.3 | 914.3 | 915.2 | 916.2 | 916.2 |
| 155° | 923.9 | 924.2 | 926.1 | 928.0 | 929.9 | 931.8 | 932.8 | 933.8 | 934.8 | 935.7 | 935.6 |
| 157.5° | 942.6 | 942.7 | 944.0 | 945.4 | 946.7 | 948.1 | 949.2 | 950.2 | 951.3 | 952.4 | 952.4 |
| 160° | 954.0 | 954.0 | 955.0 | 956.0 | 957.0 | 957.9 | 958.9 | 959.8 | 960.8 | 961.8 | 961.7 |
| 162.5° | 963.3 | 963.2 | 964.1 | 964.9 | 965.7 | 966.6 | 967.7 | 968.8 | 969.9 | 971.0 | 970.8 |
| 165° | 975.7 | 975.5 | 976.0 | 976.4 | 977.0 | 977.5 | 978.6 | 979.7 | 980.8 | 981.9 | 981.9 |
| 167.5° | 985.0 | 984.8 | 985.2 | 985.6 | 986.1 | 986.6 | 987.7 | 988.8 | 989.9 | 991.1 | 990.9 |
| 170° | 990.2 | 989.9 | 990.2 | 990.5 | 990.9 | 991.2 | 992.3 | 993.5 | 994.6 | 995.7 | 995.5 |
| 172.5° | 993.7 | 993.4 | 993.7 | 994.0 | 994.3 | 994.7 | 995.8 | 996.9 | 998.1 | 999.2 | 999.0 |
| 175° | 997.5 | 997.1 | 997.4 | 997.8 | 998.1 | 998.4 | 999.6 | 1000.7 | 1001.8 | 1002.9 | 1002.7 |
| 177.5° | 999.2 | 998.8 | 998.9 | 999.0 | 999.2 | 999.3 | 1000.2 | 1001.1 | 1002.0 | 1002.9 | 1002.7 |
| 180° | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5° | 497.3 | 497.6 | 497.2 | 497.4 | 497.2 | 497.6 | 497.3 | 498.9 | 499.2 | 499.5 | 499.2 |
| 5° | 463.3 | 461.2 | 460.8 | 460.3 | 460.8 | 461.2 | 463.3 | 464.2 | 465.0 | 466.4 | 469.0 |
| 7.5° | 422.9 | 422.6 | 421.6 | 420.3 | 421.6 | 422.6 | 422.9 | 426.0 | 428.4 | 431.2 | 436.3 |
| 10° | 396.8 | 395.9 | 395.7 | 394.4 | 395.7 | 395.9 | 396.8 | 400.8 | 403.6 | 407.6 | 414.6 |
| 12.5° | 366.2 | 360.4 | 359.9 | 356.7 | 359.9 | 360.4 | 366.2 | 371.4 | 379.1 | 382.9 | 390.4 |
| 15° | 311.9 | 310.8 | 307.1 | 304.8 | 307.1 | 310.8 | 311.9 | 316.2 | 319.0 | 329.5 | 341.5 |
| 17.5° | 280.7 | 277.2 | 276.1 | 275.6 | 276.1 | 277.2 | 280.7 | 282.8 | 286.9 | 292.5 | 299.7 |
| 20° | 260.7 | 257.5 | 257.0 | 256.6 | 257.0 | 257.5 | 260.7 | 263.2 | 266.5 | 272.4 | 280.0 |
| 22.5° | 246.9 | 243.5 | 242.2 | 241.1 | 242.2 | 243.5 | 246.9 | 248.8 | 251.8 | 256.4 | 261.6 |
| 25° | 223.3 | 222.0 | 221.3 | 220.9 | 221.3 | 222.0 | 223.3 | 225.1 | 228.0 | 234.3 | 239.7 |
| 27.5° | 204.9 | 202.1 | 201.5 | 200.6 | 201.5 | 202.1 | 204.9 | 208.0 | 211.0 | 213.9 | 218.7 |
| 30° | 194.3 | 193.5 | 192.2 | 191.1 | 192.2 | 193.5 | 194.3 | 196.0 | 198.0 | 202.8 | 207.5 |
| 32.5° | 182.0 | 181.2 | 180.1 | 179.6 | 180.1 | 181.2 | 182.0 | 184.2 | 188.3 | 191.3 | 194.6 |
| 35° | 168.3 | 165.7 | 164.6 | 163.0 | 164.6 | 165.7 | 168.3 | 170.1 | 171.7 | 174.2 | 180.3 |
| 37.5° | 153.8 | 152.4 | 150.9 | 151.5 | 150.9 | 152.4 | 153.8 | 154.5 | 157.9 | 161.4 | 164.1 |
| 40° | 142.5 | 141.6 | 141.2 | 141.1 | 141.2 | 141.6 | 142.5 | 144.9 | 149.0 | 150.6 | 154.6 |
| 42.5° | 133.6 | 131.1 | 130.2 | 130.2 | 130.2 | 131.1 | 133.6 | 136.3 | 138.8 | 141.4 | 145.5 |
| 45° | 120.0 | 117.7 | 116.1 | 116.2 | 116.1 | 117.7 | 120.0 | 120.9 | 123.1 | 128.3 | 130.6 |
| 47.5° | 106.2 | 106.1 | 105.0 | 105.4 | 105.0 | 106.1 | 106.2 | 107.7 | 110.4 | 113.7 | 117.4 |
| 50° | 99.5 | 98.5 | 97.7 | 97.9 | 97.7 | 98.5 | 99.5 | 100.8 | 102.3 | 104.0 | 109.8 |
| 52.5° | 93.2 | 92.2 | 91.7 | 92.4 | 91.7 | 92.2 | 93.2 | 93.9 | 95.1 | 96.6 | 100.5 |
| 55° | 82.8 | 81.7 | 81.5 | 81.4 | 81.5 | 81.7 | 82.8 | 83.7 | 85.1 | 86.3 | 88.2 |
| 57.5° | 71.1 | 70.4 | 69.3 | 68.9 | 69.3 | 70.4 | 71.1 | 72.5 | 74.2 | 75.9 | 77.7 |
| 60° | 62.8 | 61.4 | 59.6 | 59.4 | 59.6 | 61.4 | 62.8 | 65.1 | 65.8 | 68.4 | 70.5 |
| 62.5° | 55.1 | 54.9 | 54.5 | 54.5 | 54.5 | 54.9 | 55.1 | 55.9 | 57.0 | 60.6 | 63.2 |
| 65° | 48.4 | 48.2 | 48.4 | 48.6 | 48.4 | 48.2 | 48.4 | 48.8 | 49.0 | 49.3 | 50.4 |
| 67.5° | 42.1 | 41.8 | 41.5 | 41.7 | 41.5 | 41.8 | 42.1 | 42.2 | 42.8 | 42.9 | 43.7 |
| 70° | 37.4 | 37.2 | 37.1 | 37.1 | 37.1 | 37.2 | 37.4 | 37.8 | 38.2 | 38.5 | 39.4 |
| 72.5° | 32.8 | 32.8 | 32.6 | 32.5 | 32.6 | 32.8 | 32.8 | 33.5 | 33.7 | 34.1 | 34.6 |
| 75° | 26.3 | 25.9 | 25.9 | 25.9 | 25.9 | 25.9 | 26.3 | 26.5 | 26.6 | 27.2 | 27.6 |
| 77.5° | 20.0 | 19.8 | 19.6 | 19.5 | 19.6 | 19.8 | 20.0 | 20.0 | 20.4 | 20.4 | 20.8 |
| 80° | 15.8 | 15.7 | 15.4 | 15.4 | 15.4 | 15.7 | 15.8 | 16.0 | 16.0 | 16.6 | 16.4 |
| 82.5° | 12.1 | 11.9 | 11.9 | 11.7 | 11.9 | 11.9 | 12.1 | 12.1 | 12.1 | 12.5 | 12.5 |
| 85° | 6.5 | 6.7 | 6.5 | 6.8 | 6.5 | 6.7 | 6.5 | 6.3 | 6.5 | 6.8 | 6.8 |
| 87.5° | 5.6 | 5.5 | 5.7 | 5.6 | 5.7 | 5.5 | 5.6 | 5.5 | 5.5 | 5.4 | 5.2 |
| 90° | 18.5 | 18.9 | 19.3 | 19.6 | 19.3 | 18.9 | 18.5 | 18.2 | 17.7 | 16.9 | 16.1 |
| 92.5° | 18.9 | 19.2 | 19.3 | 19.6 | 19.3 | 19.2 | 18.9 | 18.8 | 18.5 | 18.1 | 17.6 |
| 95° | 31.6 | 31.4 | 31.3 | 31.1 | 31.3 | 31.4 | 31.6 | 31.8 | 31.4 | 30.7 | 29.8 |
| 97.5° | 41.0 | 41.1 | 41.4 | 41.5 | 41.4 | 41.1 | 41.0 | 40.7 | 40.3 | 39.7 | 39.1 |
| 100° | 47.5 | 47.8 | 48.2 | 48.5 | 48.2 | 47.8 | 47.5 | 47.2 | 46.4 | 45.1 | 43.8 |
| 102.5° | 50.6 | 51.0 | 51.5 | 52.0 | 51.5 | 51.0 | 50.6 | 50.1 | 49.1 | 47.5 | 45.7 |
| 105° | 53.1 | 53.7 | 54.3 | 55.0 | 54.3 | 53.7 | 53.1 | 52.4 | 51.2 | 49.4 | 47.7 |
| 107.5° | 54.7 | 55.3 | 55.9 | 56.6 | 55.9 | 55.3 | 54.7 | 54.0 | 54.6 | 56.4 | 58.1 |
| 110° | 55.2 | 55.8 | 56.5 | 57.2 | 56.5 | 55.8 | 55.2 | 54.6 | 62.3 | 78.3 | 94.4 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 112.5° | 56.2 | 56.7 | 57.2 | 57.8 | 57.2 | 56.7 | 56.2 | 55.7 | 84.8 | 143.4 | 202.1 |
| 115° | 94.0 | 82.5 | 70.9 | 59.3 | 70.9 | 82.5 | 94.0 | 105.6 | 148.6 | 223.1 | 297.5 |
| 117.5° | 356.3 | 318.3 | 280.3 | 242.2 | 280.3 | 318.3 | 356.3 | 394.3 | 422.4 | 440.5 | 458.4 |
| 120° | 506.4 | 484.7 | 463.0 | 441.3 | 463.0 | 484.7 | 506.4 | 528.1 | 538.1 | 536.1 | 534.2 |
| 122.5° | 563.4 | 559.1 | 554.9 | 550.7 | 554.9 | 559.1 | 563.4 | 567.6 | 569.1 | 567.9 | 566.8 |
| 125° | 617.1 | 617.6 | 618.1 | 618.6 | 618.1 | 617.6 | 617.1 | 616.6 | 615.8 | 614.7 | 613.6 |
| 127.5° | 661.2 | 661.2 | 661.3 | 661.4 | 661.3 | 661.2 | 661.2 | 661.0 | 660.2 | 658.5 | 656.9 |
| 130° | 688.6 | 688.3 | 688.2 | 688.0 | 688.2 | 688.3 | 688.6 | 688.7 | 687.9 | 686.1 | 684.4 |
| 132.5° | 714.5 | 714.4 | 714.2 | 714.1 | 714.2 | 714.4 | 714.5 | 714.7 | 714.1 | 712.6 | 711.1 |
| 135° | 752.7 | 752.3 | 752.0 | 751.7 | 752.0 | 752.3 | 752.7 | 753.0 | 752.3 | 750.8 | 749.2 |
| 137.5° | 787.7 | 787.1 | 786.6 | 786.0 | 786.6 | 787.1 | 787.7 | 788.2 | 787.7 | 786.1 | 784.5 |
| 140° | 809.8 | 809.1 | 808.3 | 807.4 | 808.3 | 809.1 | 809.8 | 810.6 | 810.3 | 808.9 | 807.4 |
| 142.5° | 830.7 | 829.9 | 829.1 | 828.2 | 829.1 | 829.9 | 830.7 | 831.5 | 831.2 | 829.9 | 828.5 |
| 145° | 859.8 | 859.0 | 858.2 | 857.4 | 858.2 | 859.0 | 859.8 | 860.5 | 860.4 | 859.3 | 858.2 |
| 147.5° | 884.9 | 884.3 | 883.6 | 883.0 | 883.6 | 884.3 | 884.9 | 885.7 | 885.6 | 884.7 | 883.9 |
| 150° | 901.0 | 900.2 | 899.4 | 898.6 | 899.4 | 900.2 | 901.0 | 901.8 | 901.7 | 900.8 | 899.8 |
| 152.5° | 915.0 | 914.0 | 913.0 | 911.9 | 913.0 | 914.0 | 915.0 | 916.2 | 916.2 | 915.2 | 914.3 |
| 155° | 934.3 | 933.0 | 931.7 | 930.4 | 931.7 | 933.0 | 934.3 | 935.6 | 935.7 | 934.8 | 933.8 |
| 157.5° | 951.1 | 949.8 | 948.6 | 947.4 | 948.6 | 949.8 | 951.1 | 952.4 | 952.4 | 951.3 | 950.2 |
| 160° | 960.5 | 959.4 | 958.3 | 957.2 | 958.3 | 959.4 | 960.5 | 961.7 | 961.8 | 960.8 | 959.8 |
| 162.5° | 969.5 | 968.0 | 966.7 | 965.3 | 966.7 | 968.0 | 969.5 | 970.8 | 971.0 | 969.9 | 968.8 |
| 165° | 980.8 | 979.7 | 978.6 | 977.5 | 978.6 | 979.7 | 980.8 | 981.9 | 981.9 | 980.8 | 979.7 |
| 167.5° | 989.4 | 988.0 | 986.6 | 985.1 | 986.6 | 988.0 | 989.4 | 990.9 | 991.1 | 989.9 | 988.8 |
| 170° | 994.1 | 992.6 | 991.2 | 989.8 | 991.2 | 992.6 | 994.1 | 995.5 | 995.7 | 994.6 | 993.5 |
| 172.5° | 997.5 | 996.1 | 994.7 | 993.2 | 994.7 | 996.1 | 997.5 | 999.0 | 999.2 | 998.1 | 996.9 |
| 175° | 1001.1 | 999.5 | 997.8 | 996.2 | 997.8 | 999.5 | 1001.1 | 1002.7 | 1002.9 | 1001.8 | 1000.7 |
| 177.5° | 1001.6 | 1000.4 | 999.3 | 998.1 | 999.3 | 1000.4 | 1001.6 | 1002.7 | 1002.9 | 1002.0 | 1001.1 |
| 180° | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5° | 498.0 | 500.0 | 503.0 | 504.8 | 507.6 | 509.5 | 510.6 | 512.4 | 513.4 | 517.1 | 520.8 |
| 5° | 470.2 | 473.1 | 478.1 | 482.8 | 487.8 | 493.1 | 496.9 | 501.1 | 505.1 | 511.9 | 519.1 |
| 7.5° | 438.3 | 442.3 | 450.1 | 457.6 | 466.4 | 473.7 | 480.2 | 487.6 | 494.2 | 504.0 | 514.2 |
| 10° | 414.4 | 421.4 | 431.7 | 438.7 | 450.2 | 457.6 | 467.9 | 475.9 | 485.1 | 498.1 | 509.6 |
| 12.5° | 393.8 | 402.3 | 410.5 | 420.3 | 430.6 | 442.9 | 454.2 | 464.6 | 475.5 | 488.9 | 502.4 |
| 15° | 356.5 | 368.7 | 381.5 | 391.4 | 405.4 | 418.4 | 431.5 | 445.5 | 458.8 | 474.9 | 492.5 |
| 17.5° | 308.4 | 322.6 | 344.0 | 361.0 | 377.5 | 390.5 | 406.8 | 423.7 | 439.4 | 458.8 | 478.4 |
| 20° | 286.7 | 297.1 | 311.6 | 334.5 | 359.3 | 373.2 | 389.8 | 408.4 | 426.4 | 447.5 | 468.6 |
| 22.5° | 269.3 | 278.5 | 290.2 | 308.0 | 335.7 | 354.7 | 371.9 | 390.9 | 411.8 | 433.2 | 456.6 |
| 25° | 244.4 | 250.8 | 263.1 | 277.5 | 296.5 | 327.6 | 346.6 | 365.7 | 388.3 | 411.4 | 438.0 |
| 27.5° | 225.7 | 231.6 | 239.5 | 253.2 | 267.4 | 289.8 | 319.8 | 340.6 | 363.2 | 389.1 | 416.8 |
| 30° | 211.4 | 218.2 | 227.1 | 236.8 | 252.3 | 269.7 | 299.8 | 323.9 | 346.2 | 372.9 | 402.3 |
| 32.5° | 201.1 | 206.4 | 214.0 | 223.9 | 236.7 | 253.5 | 277.5 | 306.7 | 328.5 | 356.6 | 387.4 |
| 35° | 184.1 | 190.4 | 196.5 | 205.9 | 216.3 | 231.6 | 249.8 | 281.1 | 302.7 | 330.3 | 361.3 |
| 37.5° | 170.1 | 174.0 | 180.7 | 188.1 | 199.2 | 210.6 | 226.3 | 254.4 | 277.7 | 304.9 | 336.6 |
| 40° | 159.5 | 164.3 | 169.3 | 177.6 | 186.6 | 197.6 | 213.0 | 233.9 | 260.7 | 287.4 | 318.3 |
| 42.5° | 149.1 | 155.2 | 160.6 | 166.1 | 175.9 | 187.0 | 199.6 | 217.2 | 244.6 | 269.8 | 299.9 |
| 45° | 136.6 | 140.5 | 146.1 | 152.3 | 160.3 | 169.7 | 180.9 | 196.3 | 222.6 | 244.4 | 272.6 |
| 47.5° | 122.1 | 127.9 | 131.5 | 137.4 | 145.1 | 154.1 | 164.5 | 177.8 | 199.1 | 219.5 | 245.7 |
| 50° | 112.1 | 118.0 | 123.3 | 128.7 | 135.5 | 144.1 | 152.8 | 165.7 | 182.8 | 204.2 | 228.7 |
| 52.5° | 103.6 | 108.8 | 113.9 | 119.3 | 126.0 | 133.9 | 142.1 | 153.5 | 168.1 | 187.8 | 211.6 |
| 55° | 92.0 | 95.2 | 100.4 | 105.8 | 111.8 | 119.3 | 127.2 | 136.7 | 149.3 | 165.9 | 185.1 |
| 57.5° | 80.0 | 83.7 | 87.9 | 93.3 | 99.3 | 105.1 | 112.3 | 120.9 | 130.8 | 145.8 | 162.2 |
| 60° | 73.3 | 76.1 | 79.5 | 85.1 | 90.7 | 95.9 | 102.7 | 110.0 | 119.3 | 132.3 | 146.3 |
| 62.5° | 65.8 | 68.5 | 71.6 | 76.4 | 81.9 | 86.7 | 92.7 | 100.3 | 108.2 | 120.0 | 132.3 |
| 65° | 53.2 | 57.2 | 60.3 | 64.6 | 69.1 | 74.1 | 78.8 | 84.9 | 92.0 | 101.3 | 112.3 |
| 67.5° | 44.1 | 46.2 | 49.0 | 52.9 | 57.5 | 61.9 | 66.3 | 71.1 | 77.2 | 84.4 | 93.1 |
| 70° | 40.2 | 40.9 | 41.4 | 45.2 | 49.5 | 53.8 | 57.9 | 62.4 | 67.7 | 73.6 | 81.1 |
| 72.5° | 35.4 | 36.1 | 36.8 | 38.4 | 41.8 | 46.2 | 50.5 | 53.8 | 58.7 | 63.7 | 69.8 |
| 75° | 28.0 | 29.2 | 29.7 | 30.6 | 31.8 | 34.7 | 38.7 | 41.9 | 44.8 | 48.6 | 53.5 |
| 77.5° | 21.4 | 22.0 | 22.6 | 23.5 | 24.3 | 25.6 | 27.9 | 30.7 | 33.5 | 35.6 | 39.0 |
| 80° | 17.0 | 17.1 | 17.8 | 18.1 | 19.3 | 20.1 | 21.2 | 23.6 | 26.3 | 27.2 | 29.5 |
| 82.5° | 12.8 | 12.9 | 13.5 | 13.9 | 14.3 | 15.1 | 16.5 | 17.1 | 19.3 | 20.4 | 21.9 |
| 85° | 7.1 | 6.8 | 7.4 | 7.4 | 7.8 | 8.1 | 8.5 | 9.3 | 9.9 | 11.3 | 11.7 |
| 87.5° | 5.2 | 5.1 | 4.9 | 4.7 | 4.4 | 4.4 | 4.3 | 4.1 | 4.0 | 4.1 | 4.4 |
| 90° | 15.3 | 14.5 | 13.2 | 11.9 | 10.6 | 9.3 | 7.8 | 6.0 | 4.3 | 2.5 | 0.7 |
| 92.5° | 17.2 | 16.8 | 16.2 | 15.5 | 14.9 | 14.2 | 13.9 | 14.1 | 14.3 | 14.4 | 14.6 |
| 95° | 29.0 | 28.2 | 27.1 | 26.0 | 24.9 | 23.7 | 25.8 | 31.1 | 36.4 | 41.7 | 47.1 |
| 97.5° | 38.4 | 37.8 | 35.2 | 32.6 | 29.9 | 27.3 | 33.5 | 48.5 | 63.5 | 78.3 | 93.3 |
| 100° | 42.5 | 41.3 | 38.5 | 35.8 | 33.0 | 30.3 | 39.9 | 61.9 | 84.0 | 106.0 | 128.1 |
| 102.5° | 44.0 | 42.4 | 65.3 | 88.1 | 111.0 | 133.9 | 147.6 | 152.3 | 156.9 | 161.6 | 166.3 |
| 105° | 45.9 | 44.1 | 88.0 | 131.9 | 175.8 | 219.7 | 239.2 | 234.4 | 229.6 | 224.7 | 219.9 |
| 107.5° | 60.0 | 61.8 | 114.4 | 167.1 | 219.7 | 272.4 | 296.8 | 292.8 | 288.9 | 285.0 | 281.1 |
| 110° | 110.5 | 126.6 | 173.1 | 219.5 | 266.0 | 312.4 | 334.0 | 330.7 | 327.3 | 323.9 | 320.5 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 260.7 | 319.3 | 330.8 | 342.3 | 353.8 | 365.3 | 369.5 | 366.5 | 363.5 | 360.5 | 357.5 |
| 115° | 371.9 | 446.4 | 442.4 | 438.4 | 434.4 | 430.3 | 426.9 | 424.2 | 421.4 | 418.7 | 416.0 |
| 117.5° | 476.4 | 494.4 | 491.7 | 488.9 | 486.2 | 483.4 | 480.5 | 477.4 | 474.4 | 471.3 | 468.3 |
| 120° | 532.3 | 530.3 | 527.4 | 524.5 | 521.7 | 518.7 | 516.1 | 513.7 | 511.3 | 508.8 | 506.4 |
| 122.5° | 565.6 | 564.5 | 561.3 | 558.2 | 555.0 | 551.8 | 549.0 | 546.4 | 543.9 | 541.4 | 538.8 |
| 125° | 612.5 | 611.3 | 608.3 | 605.2 | 602.2 | 599.1 | 596.6 | 594.5 | 592.4 | 590.3 | 588.2 |
| 127.5° | 655.2 | 653.6 | 651.3 | 649.0 | 646.7 | 644.4 | 642.1 | 639.8 | 637.5 | 635.3 | 632.9 |
| 130° | 682.5 | 680.8 | 679.1 | 677.2 | 675.5 | 673.8 | 671.5 | 669.0 | 666.4 | 663.8 | 661.3 |
| 132.5° | 709.6 | 708.0 | 706.2 | 704.5 | 702.7 | 700.9 | 698.9 | 696.8 | 694.6 | 692.4 | 690.2 |
| 135° | 747.5 | 745.9 | 744.5 | 743.1 | 741.6 | 740.1 | 738.2 | 735.5 | 733.0 | 730.4 | 727.9 |
| 137.5° | 782.9 | 781.4 | 779.7 | 778.1 | 776.4 | 774.8 | 773.1 | 771.3 | 769.5 | 767.7 | 765.9 |
| 140° | 806.0 | 804.5 | 802.8 | 801.0 | 799.2 | 797.5 | 795.9 | 794.6 | 793.4 | 792.1 | 790.8 |
| 142.5° | 827.3 | 825.9 | 823.9 | 821.9 | 819.8 | 817.8 | 816.3 | 815.1 | 814.0 | 812.8 | 811.6 |
| 145° | 857.0 | 855.9 | 853.2 | 850.4 | 847.7 | 844.9 | 843.7 | 843.8 | 844.0 | 844.1 | 844.3 |
| 147.5° | 883.0 | 882.3 | 879.6 | 876.9 | 874.1 | 871.4 | 870.4 | 871.0 | 871.6 | 872.2 | 872.8 |
| 150° | 898.8 | 897.9 | 895.3 | 892.7 | 890.2 | 887.6 | 886.8 | 888.0 | 889.1 | 890.3 | 891.4 |
| 152.5° | 913.3 | 912.4 | 909.9 | 907.4 | 905.0 | 902.5 | 902.0 | 903.2 | 904.4 | 905.7 | 907.0 |
| 155° | 932.8 | 931.8 | 929.9 | 928.0 | 926.1 | 924.2 | 923.9 | 925.3 | 926.8 | 928.3 | 929.7 |
| 157.5° | 949.2 | 948.1 | 946.7 | 945.4 | 944.0 | 942.7 | 942.6 | 943.8 | 945.1 | 946.3 | 947.5 |
| 160° | 958.9 | 957.9 | 957.0 | 956.0 | 955.0 | 954.0 | 954.0 | 955.0 | 956.0 | 957.0 | 957.9 |
| 162.5° | 967.7 | 966.6 | 965.7 | 964.9 | 964.1 | 963.2 | 963.3 | 964.2 | 965.3 | 966.2 | 967.2 |
| 165° | 978.6 | 977.5 | 977.0 | 976.4 | 976.0 | 975.5 | 975.7 | 976.7 | 977.7 | 978.7 | 979.6 |
| 167.5° | 987.7 | 986.6 | 986.1 | 985.6 | 985.2 | 984.8 | 985.0 | 986.0 | 987.0 | 987.9 | 988.9 |
| 170° | 992.3 | 991.2 | 990.9 | 990.5 | 990.2 | 989.9 | 990.2 | 991.2 | 992.1 | 993.1 | 994.1 |
| 172.5° | 995.8 | 994.7 | 994.3 | 994.0 | 993.7 | 993.4 | 993.7 | 994.7 | 995.6 | 996.6 | 997.5 |
| 175° | 999.6 | 998.4 | 998.1 | 997.8 | 997.4 | 997.1 | 997.5 | 998.6 | 999.8 | 1000.9 | 1002.0 |
| 177.5° | 1000.2 | 999.3 | 999.2 | 999.0 | 998.9 | 998.8 | 999.2 | 1000.1 | 1001.0 | 1001.9 | 1002.7 |
| 180° | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5° | 520.9 | 521.3 | 524.2 | 525.5 | 528.1 | 529.1 | 530.3 | 530.0 | 530.0 | 530.5 | 534.6 |
| 5° | 522.0 | 525.6 | 531.0 | 536.2 | 541.3 | 545.6 | 548.5 | 551.4 | 552.5 | 557.6 | 562.3 |
| 7.5° | 520.1 | 526.8 | 535.7 | 543.7 | 553.2 | 560.6 | 566.8 | 572.4 | 576.2 | 583.8 | 591.6 |
| 10° | 517.7 | 527.0 | 537.1 | 547.4 | 560.5 | 570.5 | 580.5 | 588.3 | 590.7 | 602.1 | 608.6 |
| 12.5° | 512.8 | 525.3 | 538.1 | 551.4 | 564.3 | 577.9 | 589.0 | 596.8 | 605.6 | 615.8 | 627.7 |
| 15° | 505.5 | 519.8 | 536.6 | 553.7 | 572.0 | 588.6 | 600.5 | 613.9 | 623.7 | 634.9 | 645.3 |
| 17.5° | 495.0 | 513.5 | 534.7 | 554.5 | 575.8 | 593.5 | 609.9 | 622.8 | 629.6 | 636.0 | 637.5 |
| 20° | 486.6 | 506.5 | 531.6 | 554.9 | 576.2 | 596.7 | 612.9 | 623.7 | 625.5 | 625.7 | 616.2 |
| 22.5° | 477.5 | 500.1 | 526.2 | 550.2 | 575.6 | 598.4 | 611.0 | 615.6 | 608.5 | 596.3 | 577.8 |
| 25° | 460.8 | 487.0 | 517.4 | 544.7 | 572.4 | 594.0 | 598.3 | 590.3 | 565.2 | 538.9 | 505.6 |
| 27.5° | 442.8 | 472.1 | 504.7 | 535.1 | 564.7 | 578.1 | 568.7 | 539.5 | 494.5 | 455.3 | 407.8 |
| 30° | 429.5 | 462.5 | 494.5 | 528.5 | 555.9 | 561.6 | 540.2 | 497.2 | 444.7 | 385.6 | 338.3 |
| 32.5° | 414.4 | 448.9 | 484.1 | 519.3 | 542.2 | 536.5 | 501.2 | 448.2 | 386.7 | 328.6 | 283.9 |
| 35° | 392.8 | 428.4 | 466.4 | 501.7 | 516.3 | 491.9 | 439.0 | 370.1 | 307.1 | 253.0 | 222.2 |
| 37.5° | 367.9 | 406.7 | 446.2 | 478.6 | 477.5 | 437.0 | 365.0 | 293.8 | 240.9 | 208.8 | 187.0 |
| 40° | 350.1 | 389.4 | 432.1 | 459.4 | 447.7 | 395.0 | 316.9 | 249.8 | 211.0 | 185.5 | 169.5 |
| 42.5° | 333.2 | 372.6 | 414.9 | 436.7 | 416.3 | 351.5 | 273.7 | 221.1 | 189.2 | 169.3 | 156.3 |
| 45° | 304.3 | 345.9 | 385.1 | 397.1 | 360.8 | 289.4 | 221.3 | 183.2 | 161.9 | 147.2 | 138.2 |
| 47.5° | 276.0 | 317.0 | 352.8 | 352.9 | 303.8 | 234.6 | 186.7 | 158.5 | 140.4 | 129.0 | 122.5 |
| 50° | 258.7 | 297.6 | 327.6 | 323.0 | 267.2 | 208.7 | 167.0 | 142.7 | 127.6 | 118.7 | 111.9 |
| 52.5° | 239.3 | 277.0 | 303.1 | 289.8 | 236.2 | 183.7 | 149.2 | 128.9 | 116.4 | 108.7 | 102.6 |
| 55° | 211.0 | 244.5 | 262.9 | 242.7 | 192.7 | 152.8 | 126.1 | 110.1 | 100.8 | 94.3 | 89.0 |
| 57.5° | 183.3 | 211.0 | 222.4 | 199.0 | 158.8 | 126.7 | 106.7 | 94.7 | 85.4 | 80.7 | 78.0 |
| 60° | 165.9 | 189.5 | 197.6 | 171.7 | 138.0 | 110.8 | 94.5 | 83.3 | 76.4 | 73.4 | 70.7 |
| 62.5° | 148.8 | 168.0 | 171.3 | 147.7 | 120.3 | 97.0 | 82.9 | 73.5 | 69.0 | 66.1 | 63.5 |
| 65° | 123.4 | 137.3 | 135.7 | 116.6 | 95.2 | 77.0 | 66.8 | 61.0 | 57.6 | 53.5 | 49.0 |
| 67.5° | 101.6 | 110.1 | 105.0 | 90.7 | 72.6 | 59.9 | 53.2 | 48.8 | 44.5 | 40.6 | 39.6 |
| 70° | 87.8 | 92.7 | 87.3 | 74.1 | 59.6 | 50.2 | 44.8 | 39.6 | 37.1 | 36.2 | 34.5 |
| 72.5° | 74.5 | 76.3 | 70.4 | 59.2 | 48.5 | 41.6 | 36.3 | 33.4 | 32.0 | 31.3 | 30.3 |
| 75° | 55.9 | 54.7 | 49.7 | 40.9 | 33.7 | 29.0 | 27.3 | 26.3 | 25.3 | 24.6 | 24.1 |
| 77.5° | 39.3 | 37.5 | 33.0 | 27.2 | 23.4 | 21.2 | 20.2 | 19.6 | 19.3 | 18.9 | 18.3 |
| 80° | 29.5 | 28.3 | 23.8 | 19.4 | 17.8 | 16.7 | 16.2 | 15.4 | 15.4 | 15.1 | 14.6 |
| 82.5° | 21.6 | 20.2 | 16.2 | 14.3 | 13.4 | 12.7 | 12.3 | 11.9 | 11.7 | 11.8 | 11.4 |
| 85° | 11.3 | 9.2 | 8.1 | 7.8 | 7.2 | 6.8 | 7.1 | 6.7 | 6.7 | 6.7 | 6.5 |
| 87.5° | 4.0 | 3.6 | 3.8 | 4.0 | 4.4 | 4.7 | 4.8 | 5.1 | 5.5 | 5.5 | 5.8 |
| 90° | 2.5 | 4.3 | 6.0 | 7.8 | 9.3 | 10.6 | 11.9 | 13.2 | 14.5 | 15.3 | 16.1 |
| 92.5° | 14.4 | 14.3 | 14.1 | 13.9 | 14.2 | 14.9 | 15.5 | 16.2 | 16.8 | 17.2 | 17.6 |
| 95° | 41.7 | 36.4 | 31.1 | 25.8 | 23.7 | 24.9 | 26.0 | 27.1 | 28.2 | 29.0 | 29.8 |
| 97.5° | 78.3 | 63.5 | 48.5 | 33.5 | 27.3 | 29.9 | 32.6 | 35.2 | 37.8 | 38.4 | 39.1 |
| 100° | 106.0 | 84.0 | 61.9 | 39.9 | 30.3 | 33.0 | 35.8 | 38.5 | 41.3 | 42.5 | 43.8 |
| 102.5° | 161.6 | 156.9 | 152.3 | 147.6 | 133.9 | 111.0 | 88.1 | 65.3 | 42.4 | 44.0 | 45.7 |
| 105° | 224.7 | 229.6 | 234.4 | 239.2 | 219.7 | 175.8 | 131.9 | 88.0 | 44.1 | 45.9 | 47.7 |
| 107.5° | 285.0 | 288.9 | 292.8 | 296.8 | 272.4 | 219.7 | 167.1 | 114.4 | 61.8 | 60.0 | 58.1 |
| 110° | 323.9 | 327.3 | 330.7 | 334.0 | 312.4 | 266.0 | 219.5 | 173.1 | 126.6 | 110.5 | 94.4 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 360.5 | 363.5 | 366.5 | 369.5 | 365.3 | 353.8 | 342.3 | 330.8 | 319.3 | 260.7 | 202.1 |
| 115° | 418.7 | 421.4 | 424.2 | 426.9 | 430.3 | 434.4 | 438.4 | 442.4 | 446.4 | 371.9 | 297.5 |
| 117.5° | 471.3 | 474.4 | 477.4 | 480.5 | 483.4 | 486.2 | 488.9 | 491.7 | 494.4 | 476.4 | 458.4 |
| 120° | 508.8 | 511.3 | 513.7 | 516.1 | 518.7 | 521.7 | 524.5 | 527.4 | 530.3 | 532.3 | 534.2 |
| 122.5° | 541.4 | 543.9 | 546.4 | 549.0 | 551.8 | 555.0 | 558.2 | 561.3 | 564.5 | 565.6 | 566.8 |
| 125° | 590.3 | 592.4 | 594.5 | 596.6 | 599.1 | 602.2 | 605.2 | 608.3 | 611.3 | 612.5 | 613.6 |
| 127.5° | 635.3 | 637.5 | 639.8 | 642.1 | 644.4 | 646.7 | 649.0 | 651.3 | 653.6 | 655.2 | 656.9 |
| 130° | 663.8 | 666.4 | 669.0 | 671.5 | 673.8 | 675.5 | 677.2 | 679.1 | 680.8 | 682.5 | 684.4 |
| 132.5° | 692.4 | 694.6 | 696.8 | 698.9 | 700.9 | 702.7 | 704.5 | 706.2 | 708.0 | 709.6 | 711.1 |
| 135° | 730.4 | 733.0 | 735.5 | 738.2 | 740.1 | 741.6 | 743.1 | 744.5 | 745.9 | 747.5 | 749.2 |
| 137.5° | 767.7 | 769.5 | 771.3 | 773.1 | 774.8 | 776.4 | 778.1 | 779.7 | 781.4 | 782.9 | 784.5 |
| 140° | 792.1 | 793.4 | 794.6 | 795.9 | 797.5 | 799.2 | 801.0 | 802.8 | 804.5 | 806.0 | 807.4 |
| 142.5° | 812.8 | 814.0 | 815.1 | 816.3 | 817.8 | 819.8 | 821.9 | 823.9 | 825.9 | 827.3 | 828.5 |
| 145° | 844.1 | 844.0 | 843.8 | 843.7 | 844.9 | 847.7 | 850.4 | 853.2 | 855.9 | 857.0 | 858.2 |
| 147.5° | 872.2 | 871.6 | 871.0 | 870.4 | 871.4 | 874.1 | 876.9 | 879.6 | 882.3 | 883.0 | 883.9 |
| 150° | 890.3 | 889.1 | 888.0 | 886.8 | 887.6 | 890.2 | 892.7 | 895.3 | 897.9 | 898.8 | 899.8 |
| 152.5° | 905.7 | 904.4 | 903.2 | 902.0 | 902.5 | 905.0 | 907.4 | 909.9 | 912.4 | 913.3 | 914.3 |
| 155° | 928.3 | 926.8 | 925.3 | 923.9 | 924.2 | 926.1 | 928.0 | 929.9 | 931.8 | 932.8 | 933.8 |
| 157.5° | 946.3 | 945.1 | 943.8 | 942.6 | 942.7 | 944.0 | 945.4 | 946.7 | 948.1 | 949.2 | 950.2 |
| 160° | 957.0 | 956.0 | 955.0 | 954.0 | 954.0 | 955.0 | 956.0 | 957.0 | 957.9 | 958.9 | 959.8 |
| 162.5° | 966.2 | 965.3 | 964.2 | 963.3 | 963.2 | 964.1 | 964.9 | 965.7 | 966.6 | 967.7 | 968.8 |
| 165° | 978.7 | 977.7 | 976.7 | 975.7 | 975.5 | 976.0 | 976.4 | 977.0 | 977.5 | 978.6 | 979.7 |
| 167.5° | 987.9 | 987.0 | 986.0 | 985.0 | 984.8 | 985.2 | 985.6 | 986.1 | 986.6 | 987.7 | 988.8 |
| 170° | 993.1 | 992.1 | 991.2 | 990.2 | 989.9 | 990.2 | 990.5 | 990.9 | 991.2 | 992.3 | 993.5 |
| 172.5° | 996.6 | 995.6 | 994.7 | 993.7 | 993.4 | 993.7 | 994.0 | 994.3 | 994.7 | 995.8 | 996.9 |
| 175° | 1000.9 | 999.8 | 998.6 | 997.5 | 997.1 | 997.4 | 997.8 | 998.1 | 998.4 | 999.6 | 1000.7 |
| 177.5° | 1001.9 | 1001.0 | 1000.1 | 999.2 | 998.8 | 998.9 | 999.0 | 999.2 | 999.3 | 1000.2 | 1001.1 |
| 180° | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 | 517.8 |
| 2.5° | 536.0 | 537.9 | 538.8 | 538.8 | 539.8 | 539.3 | 538.9 |
| 5° | 566.8 | 570.2 | 571.0 | 574.2 | 576.6 | 575.8 | 576.2 |
| 7.5° | 597.5 | 602.9 | 608.4 | 610.9 | 611.2 | 612.7 | 613.2 |
| 10° | 616.3 | 620.8 | 629.2 | 628.0 | 634.3 | 637.9 | 632.0 |
| 12.5° | 634.5 | 640.6 | 646.4 | 648.0 | 651.6 | 652.8 | 650.4 |
| 15° | 650.9 | 654.1 | 654.4 | 653.6 | 654.7 | 653.7 | 650.3 |
| 17.5° | 635.6 | 630.3 | 619.6 | 614.6 | 610.6 | 604.7 | 602.3 |
| 20° | 610.2 | 594.7 | 576.7 | 569.5 | 561.1 | 544.5 | 548.5 |
| 22.5° | 555.5 | 537.9 | 519.8 | 498.8 | 488.8 | 473.1 | 472.1 |
| 25° | 470.4 | 440.0 | 406.5 | 383.1 | 369.4 | 353.8 | 346.9 |
| 27.5° | 365.8 | 327.4 | 300.0 | 286.1 | 273.5 | 261.1 | 260.5 |
| 30° | 296.9 | 268.2 | 246.9 | 235.0 | 227.3 | 222.0 | 223.2 |
| 32.5° | 250.3 | 230.5 | 216.2 | 206.4 | 200.7 | 196.7 | 196.6 |
| 35° | 204.6 | 191.1 | 181.9 | 177.8 | 173.6 | 170.8 | 171.0 |
| 37.5° | 175.1 | 167.0 | 161.8 | 157.3 | 154.7 | 153.3 | 152.5 |
| 40° | 159.9 | 153.3 | 149.3 | 146.6 | 144.5 | 142.5 | 142.1 |
| 42.5° | 148.1 | 142.5 | 138.6 | 136.4 | 134.4 | 133.0 | 132.7 |
| 45° | 131.3 | 126.8 | 123.3 | 120.9 | 120.0 | 118.7 | 118.7 |
| 47.5° | 116.8 | 112.4 | 109.6 | 108.1 | 106.6 | 105.8 | 105.8 |
| 50° | 107.1 | 103.6 | 101.2 | 100.2 | 98.9 | 98.5 | 98.2 |
| 52.5° | 98.3 | 95.7 | 94.0 | 93.3 | 92.8 | 92.1 | 92.2 |
| 55° | 86.3 | 84.9 | 84.2 | 83.7 | 82.8 | 81.7 | 82.4 |
| 57.5° | 76.4 | 75.1 | 73.2 | 71.5 | 70.7 | 69.9 | 70.2 |
| 60° | 69.3 | 66.8 | 64.2 | 62.3 | 61.7 | 60.1 | 60.1 |
| 62.5° | 60.4 | 56.8 | 53.7 | 52.6 | 52.0 | 51.3 | 51.2 |
| 65° | 46.4 | 45.0 | 44.3 | 43.6 | 43.2 | 43.2 | 42.9 |
| 67.5° | 38.5 | 37.9 | 37.1 | 36.9 | 36.6 | 36.4 | 36.4 |
| 70° | 34.0 | 33.3 | 33.0 | 32.7 | 32.4 | 32.6 | 32.0 |
| 72.5° | 29.7 | 29.2 | 29.1 | 28.6 | 28.4 | 28.4 | 28.0 |
| 75° | 23.4 | 23.4 | 23.2 | 23.1 | 22.7 | 22.5 | 22.7 |
| 77.5° | 18.0 | 18.1 | 17.7 | 17.7 | 17.7 | 17.7 | 17.5 |
| 80° | 14.4 | 14.6 | 14.4 | 14.2 | 14.0 | 14.2 | 14.0 |
| 82.5° | 11.4 | 11.1 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 |
| 85° | 6.5 | 6.7 | 6.5 | 6.3 | 6.3 | 6.3 | 6.5 |
| 87.5° | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.3 | 6.2 |
| 90° | 16.9 | 17.7 | 18.2 | 18.5 | 18.9 | 19.3 | 19.6 |
| 92.5° | 18.1 | 18.5 | 18.8 | 18.9 | 19.2 | 19.3 | 19.6 |
| 95° | 30.7 | 31.4 | 31.8 | 31.6 | 31.4 | 31.3 | 31.1 |
| 97.5° | 39.7 | 40.3 | 40.7 | 41.0 | 41.1 | 41.4 | 41.5 |
| 100° | 45.1 | 46.4 | 47.2 | 47.5 | 47.8 | 48.2 | 48.5 |
| 102.5° | 47.5 | 49.1 | 50.1 | 50.6 | 51.0 | 51.5 | 52.0 |
| 105° | 49.4 | 51.2 | 52.4 | 53.1 | 53.7 | 54.3 | 55.0 |
| 107.5° | 56.4 | 54.6 | 54.0 | 54.7 | 55.3 | 55.9 | 56.6 |
| 110° | 78.3 | 62.3 | 54.6 | 55.2 | 55.8 | 56.5 | 57.2 |



TEST NUMBER: P331633-927

CATALOG NUMBER: S122RDIP-S290D925U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 143.4 | 84.8 | 55.7 | 56.2 | 56.7 | 57.2 | 57.8 |
| 115° | 223.1 | 148.6 | 105.6 | 94.0 | 82.5 | 70.9 | 59.3 |
| 117.5° | 440.5 | 422.4 | 394.3 | 356.3 | 318.3 | 280.3 | 242.2 |
| 120° | 536.1 | 538.1 | 528.1 | 506.4 | 484.7 | 463.0 | 441.3 |
| 122.5° | 567.9 | 569.1 | 567.6 | 563.4 | 559.1 | 554.9 | 550.7 |
| 125° | 614.7 | 615.8 | 616.6 | 617.1 | 617.6 | 618.1 | 618.6 |
| 127.5° | 658.5 | 660.2 | 661.0 | 661.2 | 661.2 | 661.3 | 661.4 |
| 130° | 686.1 | 687.9 | 688.7 | 688.6 | 688.3 | 688.2 | 688.0 |
| 132.5° | 712.6 | 714.1 | 714.7 | 714.5 | 714.4 | 714.2 | 714.1 |
| 135° | 750.8 | 752.3 | 753.0 | 752.7 | 752.3 | 752.0 | 751.7 |
| 137.5° | 786.1 | 787.7 | 788.2 | 787.7 | 787.1 | 786.6 | 786.0 |
| 140° | 808.9 | 810.3 | 810.6 | 809.8 | 809.1 | 808.3 | 807.4 |
| 142.5° | 829.9 | 831.2 | 831.5 | 830.7 | 829.9 | 829.1 | 828.2 |
| 145° | 859.3 | 860.4 | 860.5 | 859.8 | 859.0 | 858.2 | 857.4 |
| 147.5° | 884.7 | 885.6 | 885.7 | 884.9 | 884.3 | 883.6 | 883.0 |
| 150° | 900.8 | 901.7 | 901.8 | 901.0 | 900.2 | 899.4 | 898.6 |
| 152.5° | 915.2 | 916.2 | 916.2 | 915.0 | 914.0 | 913.0 | 911.9 |
| 155° | 934.8 | 935.7 | 935.6 | 934.3 | 933.0 | 931.7 | 930.4 |
| 157.5° | 951.3 | 952.4 | 952.4 | 951.1 | 949.8 | 948.6 | 947.4 |
| 160° | 960.8 | 961.8 | 961.7 | 960.5 | 959.4 | 958.3 | 957.2 |
| 162.5° | 969.9 | 971.0 | 970.8 | 969.5 | 968.0 | 966.7 | 965.3 |
| 165° | 980.8 | 981.9 | 981.9 | 980.8 | 979.7 | 978.6 | 977.5 |
| 167.5° | 989.9 | 991.1 | 990.9 | 989.4 | 988.0 | 986.6 | 985.1 |
| 170° | 994.6 | 995.7 | 995.5 | 994.1 | 992.6 | 991.2 | 989.8 |
| 172.5° | 998.1 | 999.2 | 999.0 | 997.5 | 996.1 | 994.7 | 993.2 |
| 175° | 1001.8 | 1002.9 | 1002.7 | 1001.1 | 999.5 | 997.8 | 996.2 |
| 177.5° | 1002.0 | 1002.9 | 1002.7 | 1001.6 | 1000.4 | 999.3 | 998.1 |
| 180° | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 |

(END OF REPORT)