

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: P332266

Luminaire Tested: **S123RDIP-S340D1195U835-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332266
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-17,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123RDIP-S340D1195U835-4F0-1E-UDD-A4
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 340 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1195 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5677.6 lumens
Efficiency: N/A
Efficacy: 134.5 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.22 / 1.36
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: Semi-Indirect

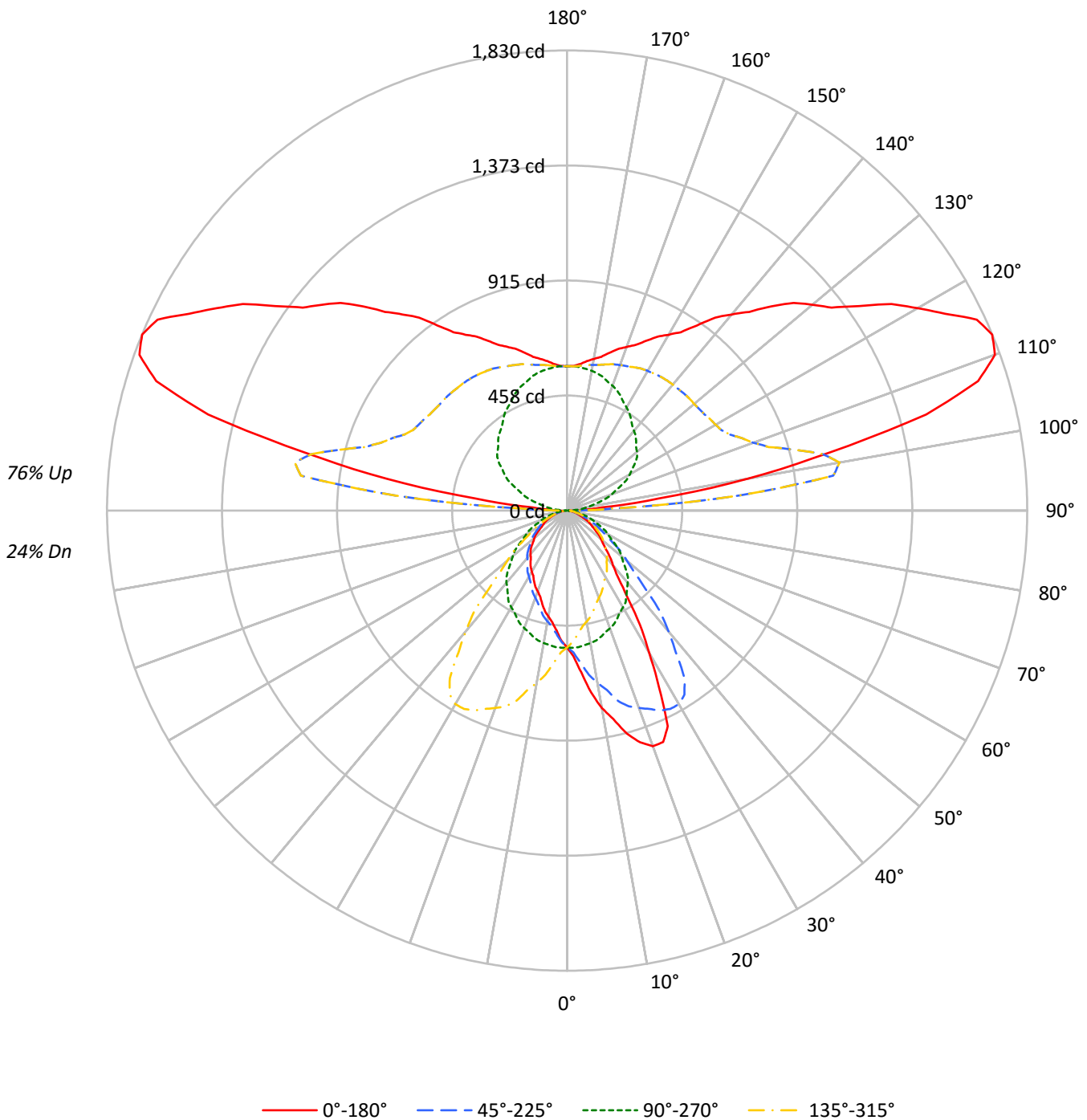
Input Watts (W): 42.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 101 | 101 | 101 | 101 | 90 | 90 | 90 | 90 | 69 | 69 | 69 | 50 | 50 | 50 | 32 | 32 | 32 | 24 | | | | 24 |
| 1 | 92 | 88 | 85 | 81 | 82 | 79 | 76 | 73 | 61 | 59 | 57 | 44 | 43 | 42 | 29 | 28 | 28 | 21 | | | | 21 |
| 2 | 84 | 77 | 72 | 67 | 75 | 69 | 64 | 60 | 53 | 50 | 47 | 39 | 37 | 35 | 26 | 25 | 24 | 18 | | | | 18 |
| 3 | 77 | 68 | 61 | 56 | 68 | 61 | 55 | 50 | 47 | 43 | 40 | 35 | 32 | 30 | 23 | 22 | 20 | 15 | | | | 15 |
| 4 | 70 | 60 | 53 | 47 | 62 | 54 | 48 | 43 | 42 | 38 | 34 | 31 | 28 | 26 | 21 | 19 | 18 | 13 | | | | 13 |
| 5 | 65 | 54 | 46 | 40 | 57 | 48 | 42 | 37 | 38 | 33 | 30 | 28 | 25 | 23 | 19 | 17 | 16 | 12 | | | | 12 |
| 6 | 59 | 48 | 40 | 35 | 53 | 43 | 37 | 32 | 34 | 29 | 26 | 25 | 22 | 20 | 17 | 15 | 14 | 11 | | | | 11 |
| 7 | 55 | 43 | 36 | 31 | 49 | 39 | 32 | 28 | 31 | 26 | 23 | 23 | 20 | 17 | 16 | 14 | 12 | 9 | | | | 9 |
| 8 | 51 | 39 | 32 | 27 | 45 | 35 | 29 | 25 | 28 | 23 | 20 | 21 | 18 | 16 | 14 | 12 | 11 | 8 | | | | 8 |
| 9 | 47 | 36 | 29 | 24 | 42 | 32 | 26 | 22 | 25 | 21 | 18 | 19 | 16 | 14 | 13 | 11 | 10 | 8 | | | | 8 |
| 10 | 44 | 33 | 26 | 21 | 39 | 29 | 23 | 19 | 23 | 19 | 16 | 18 | 15 | 13 | 12 | 10 | 9 | 7 | | | | 7 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 5858 | 5858 | 5858 | 5858 |
| 5° | 6983 | 5883 | 5181 | 5883 |
| 10° | 8719 | 5850 | 4680 | 5850 |
| 15° | 10234 | 5789 | 4268 | 5789 |
| 20° | 11423 | 5700 | 3918 | 5700 |
| 25° | 11240 | 5606 | 3702 | 5606 |
| 30° | 8079 | 5520 | 3480 | 5520 |
| 35° | 5394 | 5406 | 3336 | 5406 |
| 40° | 3974 | 5271 | 3188 | 5271 |
| 45° | 3334 | 5033 | 3043 | 5033 |
| 50° | 2942 | 4721 | 2840 | 4721 |
| 55° | 2580 | 4363 | 2562 | 4363 |
| 60° | 2297 | 4021 | 2347 | 4021 |
| 65° | 2017 | 3655 | 2183 | 3655 |
| 70° | 1583 | 3330 | 1995 | 3330 |
| 75° | 1393 | 2907 | 1822 | 2907 |
| 80° | 1215 | 2467 | 1791 | 2467 |
| 85° | 976 | 1988 | 1902 | 1988 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 53.5 | 0.9 |
| 10°-20° | 167.2 | 2.9 |
| 20°-30° | 262.7 | 4.6 |
| 30°-40° | 274.1 | 4.8 |
| 40°-50° | 234.5 | 4.1 |
| 50°-60° | 178.8 | 3.1 |
| 60°-70° | 114.6 | 2.0 |
| 70°-80° | 55.1 | 1.0 |
| 80°-90° | 19.0 | 0.3 |
| 90°-100° | 319.4 | 5.6 |
| 100°-110° | 904.4 | 15.9 |
| 110°-120° | 889.7 | 15.7 |
| 120°-130° | 709.7 | 12.5 |
| 130°-140° | 559.5 | 9.9 |
| 140°-150° | 417.6 | 7.4 |
| 150°-160° | 291.1 | 5.1 |
| 160°-170° | 171.0 | 3.0 |
| 170°-180° | 55.6 | 1.0 |
| 0°-30° | 483.4 | 8.5 |
| 0°-40° | 757.5 | 13.3 |
| 0°-60° | 1170.8 | 20.6 |
| 0°-90° | 1359.5 | 23.9 |
| 90°-120° | 2113.6 | 37.2 |
| 90°-150° | 3800.4 | 66.9 |
| 90°-180° | 4318.0 | 76.1 |
| 0°-180° | 5677.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 544 | 544 | 544 | 544 | 544 | |
| 5° | 646 | 544 | 480 | 544 | 646 | 67 |
| 15° | 918 | 520 | 383 | 520 | 918 | 260 |
| 25° | 946 | 472 | 312 | 472 | 946 | 407 |
| 35° | 410 | 411 | 254 | 411 | 410 | 269 |
| 45° | 219 | 331 | 200 | 331 | 219 | 172 |
| 55° | 138 | 232 | 136 | 232 | 138 | 124 |
| 65° | 79 | 144 | 86 | 144 | 79 | 78 |
| 75° | 34 | 70 | 44 | 70 | 34 | 36 |
| 85° | 8 | 16 | 15 | 16 | 8 | 10 |
| 90° | 34 | 2 | 34 | 2 | 34 | 18 |
| 95° | 135 | 40 | 135 | 40 | 135 | 243 |
| 105° | 1478 | 135 | 1478 | 135 | 1478 | 1458 |
| 115° | 1797 | 238 | 1797 | 238 | 1797 | 1746 |
| 125° | 1418 | 331 | 1418 | 331 | 1418 | 1285 |
| 135° | 1149 | 388 | 1149 | 388 | 1149 | 891 |
| 145° | 898 | 443 | 898 | 443 | 898 | 571 |
| 155° | 745 | 503 | 745 | 503 | 745 | 347 |
| 165° | 650 | 550 | 650 | 550 | 650 | 186 |
| 175° | 584 | 573 | 584 | 573 | 584 | 57 |
| 180° | 574 | 574 | 574 | 574 | 574 | |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 |
| 2.5° | 579.7 | 580.4 | 578.0 | 577.6 | 574.8 | 574.1 | 574.1 | 570.1 | 567.7 | 564.6 | 562.7 |
| 5° | 646.3 | 650.0 | 648.1 | 644.0 | 637.0 | 635.3 | 630.9 | 623.9 | 616.0 | 606.2 | 601.6 |
| 7.5° | 729.5 | 734.6 | 732.6 | 726.2 | 718.8 | 712.9 | 700.4 | 688.8 | 672.6 | 658.3 | 646.1 |
| 10° | 797.7 | 792.4 | 788.2 | 781.9 | 775.1 | 764.2 | 751.1 | 733.2 | 712.5 | 696.1 | 678.0 |
| 12.5° | 848.8 | 847.9 | 842.6 | 836.1 | 826.6 | 816.2 | 800.1 | 778.3 | 754.2 | 730.6 | 709.8 |
| 15° | 918.4 | 919.8 | 916.3 | 909.6 | 896.0 | 877.6 | 853.4 | 844.3 | 809.8 | 784.2 | 758.6 |
| 17.5° | 966.6 | 966.3 | 965.8 | 956.5 | 942.7 | 929.6 | 907.1 | 883.2 | 852.0 | 815.9 | 781.4 |
| 20° | 997.2 | 994.8 | 995.3 | 984.8 | 974.6 | 959.4 | 937.5 | 902.8 | 877.2 | 835.5 | 799.8 |
| 22.5° | 996.4 | 995.9 | 997.7 | 994.1 | 986.7 | 975.1 | 957.8 | 928.5 | 895.8 | 853.7 | 813.6 |
| 25° | 946.4 | 944.5 | 955.4 | 958.5 | 970.4 | 972.5 | 967.3 | 951.3 | 920.3 | 876.9 | 827.3 |
| 27.5° | 792.0 | 791.0 | 811.3 | 836.8 | 869.0 | 894.1 | 918.3 | 930.0 | 920.3 | 889.2 | 839.5 |
| 30° | 650.0 | 671.9 | 682.2 | 719.0 | 760.0 | 808.9 | 851.8 | 892.5 | 902.6 | 889.0 | 848.3 |
| 32.5° | 539.7 | 558.8 | 567.4 | 598.9 | 637.2 | 694.5 | 758.8 | 816.5 | 857.3 | 867.6 | 843.1 |
| 35° | 410.5 | 410.7 | 430.3 | 444.3 | 479.7 | 538.6 | 601.1 | 678.4 | 755.3 | 813.6 | 819.6 |
| 37.5° | 327.6 | 328.7 | 340.6 | 354.5 | 381.1 | 412.2 | 467.2 | 531.5 | 620.3 | 709.7 | 762.2 |
| 40° | 282.8 | 284.9 | 293.8 | 307.5 | 326.6 | 350.2 | 393.0 | 453.6 | 527.7 | 627.2 | 708.5 |
| 42.5° | 254.1 | 257.5 | 262.1 | 272.7 | 284.5 | 306.6 | 341.2 | 388.0 | 455.4 | 549.5 | 643.3 |
| 45° | 219.0 | 220.9 | 224.4 | 229.3 | 240.0 | 255.3 | 278.6 | 310.1 | 366.0 | 441.7 | 535.6 |
| 47.5° | 193.2 | 192.2 | 195.9 | 199.8 | 207.0 | 217.5 | 233.1 | 258.7 | 298.6 | 359.4 | 439.0 |
| 50° | 175.7 | 175.4 | 178.0 | 181.0 | 187.8 | 195.5 | 208.3 | 227.6 | 259.3 | 309.6 | 382.6 |
| 52.5° | 159.3 | 160.1 | 162.0 | 165.7 | 170.6 | 176.8 | 188.3 | 202.3 | 229.5 | 272.9 | 333.7 |
| 55° | 137.5 | 138.2 | 140.7 | 142.8 | 146.3 | 152.6 | 159.8 | 171.5 | 190.1 | 220.4 | 270.5 |
| 57.5° | 119.0 | 118.7 | 121.1 | 121.7 | 125.6 | 130.7 | 136.3 | 145.4 | 158.9 | 181.4 | 215.1 |
| 60° | 106.7 | 106.0 | 108.1 | 109.7 | 111.8 | 116.0 | 120.7 | 129.5 | 140.3 | 156.8 | 185.7 |
| 62.5° | 95.5 | 95.2 | 96.7 | 98.4 | 100.1 | 103.9 | 107.8 | 114.6 | 123.1 | 137.0 | 160.0 |
| 65° | 79.2 | 79.9 | 80.6 | 81.3 | 82.2 | 84.6 | 88.3 | 93.0 | 98.8 | 108.6 | 125.1 |
| 67.5° | 62.3 | 63.0 | 63.2 | 64.6 | 66.6 | 68.1 | 70.4 | 74.5 | 78.6 | 86.8 | 96.2 |
| 70° | 50.3 | 50.1 | 50.3 | 51.0 | 53.6 | 56.1 | 59.2 | 62.2 | 64.8 | 70.6 | 78.5 |
| 72.5° | 43.2 | 42.8 | 43.4 | 43.6 | 44.8 | 45.5 | 47.4 | 50.3 | 53.6 | 57.5 | 63.2 |
| 75° | 33.5 | 33.5 | 33.5 | 33.5 | 34.5 | 34.9 | 35.6 | 36.3 | 37.5 | 39.4 | 43.6 |
| 77.5° | 24.8 | 24.8 | 25.2 | 25.4 | 25.6 | 25.9 | 26.3 | 27.0 | 27.4 | 28.4 | 30.2 |
| 80° | 19.6 | 19.8 | 19.6 | 19.8 | 19.8 | 20.3 | 20.5 | 21.2 | 21.4 | 22.6 | 23.3 |
| 82.5° | 14.7 | 14.6 | 14.7 | 15.0 | 15.0 | 15.4 | 15.5 | 16.0 | 16.0 | 16.6 | 17.3 |
| 85° | 7.9 | 7.5 | 7.9 | 7.7 | 8.2 | 7.7 | 7.9 | 8.4 | 8.4 | 8.6 | 9.6 |
| 87.5° | 8.6 | 9.2 | 8.6 | 8.6 | 8.8 | 8.5 | 8.3 | 8.0 | 8.2 | 8.2 | 7.7 |
| 90° | 33.7 | 34.9 | 33.7 | 32.5 | 33.7 | 31.4 | 30.2 | 29.0 | 27.9 | 29.0 | 25.6 |
| 92.5° | 56.0 | 58.1 | 56.9 | 60.4 | 62.5 | 68.5 | 77.6 | 97.8 | 134.8 | 178.7 | 196.6 |
| 95° | 134.8 | 139.4 | 147.6 | 158.0 | 180.1 | 221.9 | 283.5 | 418.3 | 558.8 | 689.0 | 613.5 |
| 97.5° | 366.9 | 376.9 | 408.3 | 460.6 | 546.3 | 685.3 | 835.1 | 1042.6 | 1142.3 | 1067.7 | 781.7 |
| 100° | 728.5 | 727.3 | 772.6 | 857.4 | 974.8 | 1139.8 | 1275.7 | 1369.8 | 1329.2 | 1100.3 | 743.6 |
| 102.5° | 1068.7 | 1095.4 | 1133.3 | 1200.4 | 1291.7 | 1396.3 | 1475.5 | 1478.6 | 1338.4 | 1039.9 | 687.8 |
| 105° | 1477.9 | 1483.7 | 1520.9 | 1565.0 | 1618.5 | 1648.7 | 1626.6 | 1510.4 | 1267.6 | 934.1 | 619.3 |
| 107.5° | 1713.5 | 1724.2 | 1736.7 | 1751.6 | 1750.7 | 1709.3 | 1607.5 | 1418.8 | 1143.5 | 840.7 | 575.6 |
| 110° | 1810.2 | 1812.5 | 1814.8 | 1805.5 | 1773.0 | 1691.7 | 1545.3 | 1331.5 | 1065.4 | 787.7 | 558.8 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1829.7 | 1829.2 | 1820.4 | 1791.6 | 1732.1 | 1627.5 | 1463.5 | 1245.0 | 997.6 | 752.4 | 549.6 |
| 115° | 1797.4 | 1791.6 | 1768.3 | 1717.2 | 1630.1 | 1503.4 | 1332.6 | 1130.5 | 915.5 | 714.5 | 546.1 |
| 117.5° | 1694.7 | 1686.8 | 1653.3 | 1594.8 | 1503.9 | 1375.4 | 1222.0 | 1047.5 | 866.0 | 692.2 | 548.2 |
| 120° | 1609.2 | 1602.2 | 1574.3 | 1509.2 | 1417.5 | 1300.1 | 1160.7 | 1003.8 | 840.0 | 682.0 | 551.9 |
| 122.5° | 1529.2 | 1520.4 | 1489.7 | 1431.2 | 1349.6 | 1240.6 | 1111.4 | 969.4 | 818.6 | 675.5 | 558.4 |
| 125° | 1417.5 | 1409.3 | 1380.3 | 1329.2 | 1254.8 | 1161.8 | 1050.3 | 923.7 | 791.2 | 666.9 | 568.1 |
| 127.5° | 1325.4 | 1318.0 | 1291.7 | 1248.1 | 1181.8 | 1097.2 | 996.6 | 883.7 | 767.1 | 662.7 | 579.3 |
| 130° | 1273.4 | 1264.1 | 1239.7 | 1197.9 | 1136.3 | 1057.3 | 963.2 | 858.6 | 754.0 | 659.9 | 586.7 |
| 132.5° | 1222.3 | 1215.8 | 1194.1 | 1152.3 | 1094.5 | 1019.2 | 931.6 | 835.4 | 742.0 | 659.0 | 592.3 |
| 135° | 1149.1 | 1140.9 | 1120.0 | 1085.2 | 1028.2 | 962.0 | 886.5 | 804.0 | 726.2 | 657.6 | 600.7 |
| 137.5° | 1071.7 | 1066.3 | 1048.7 | 1013.4 | 965.5 | 908.1 | 843.0 | 775.4 | 712.4 | 655.0 | 606.3 |
| 140° | 1017.8 | 1018.9 | 1000.4 | 967.8 | 923.7 | 873.7 | 817.9 | 758.7 | 704.1 | 654.1 | 610.0 |
| 142.5° | 967.6 | 968.7 | 952.0 | 923.2 | 885.6 | 842.1 | 793.8 | 742.9 | 696.6 | 652.3 | 612.8 |
| 145° | 898.1 | 895.8 | 886.5 | 862.1 | 833.0 | 799.4 | 762.2 | 723.8 | 686.7 | 649.5 | 614.6 |
| 147.5° | 840.9 | 840.0 | 831.2 | 814.7 | 792.6 | 768.7 | 738.7 | 708.3 | 676.9 | 645.1 | 614.6 |
| 150° | 807.5 | 807.5 | 800.5 | 787.7 | 770.3 | 748.2 | 723.8 | 697.1 | 670.4 | 641.3 | 614.6 |
| 152.5° | 779.6 | 779.6 | 775.4 | 763.6 | 749.9 | 731.5 | 709.9 | 686.9 | 663.0 | 636.7 | 611.8 |
| 155° | 744.7 | 743.6 | 741.3 | 732.0 | 721.5 | 707.6 | 690.1 | 671.5 | 651.8 | 628.6 | 608.8 |
| 157.5° | 712.9 | 713.1 | 711.3 | 704.3 | 695.2 | 684.3 | 670.9 | 655.3 | 639.2 | 621.4 | 604.9 |
| 160° | 692.5 | 693.6 | 693.6 | 686.7 | 678.5 | 670.4 | 658.8 | 646.0 | 630.9 | 615.8 | 603.0 |
| 162.5° | 673.9 | 675.0 | 675.0 | 669.0 | 663.6 | 656.4 | 645.8 | 634.8 | 622.5 | 610.2 | 599.3 |
| 165° | 649.5 | 649.5 | 650.6 | 646.0 | 641.3 | 635.5 | 627.4 | 620.4 | 611.1 | 601.8 | 593.7 |
| 167.5° | 626.2 | 626.2 | 627.4 | 624.1 | 622.1 | 617.9 | 613.2 | 607.9 | 600.2 | 593.5 | 588.1 |
| 170° | 612.3 | 612.3 | 613.5 | 611.1 | 610.0 | 607.6 | 603.0 | 599.5 | 593.7 | 587.9 | 584.4 |
| 172.5° | 599.3 | 600.2 | 602.3 | 600.0 | 599.7 | 598.4 | 594.6 | 592.1 | 587.2 | 583.2 | 581.6 |
| 175° | 584.4 | 585.6 | 586.7 | 585.6 | 585.6 | 585.6 | 583.2 | 582.1 | 579.8 | 577.4 | 577.4 |
| 177.5° | 575.8 | 575.8 | 577.7 | 576.7 | 577.7 | 577.7 | 576.7 | 575.8 | 574.9 | 574.0 | 574.9 |
| 180° | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 |
| 2.5° | 561.9 | 561.4 | 558.8 | 555.8 | 551.9 | 549.3 | 547.2 | 546.1 | 542.7 | 538.6 | 535.9 |
| 5° | 596.7 | 589.7 | 582.2 | 573.1 | 564.7 | 556.1 | 550.8 | 544.5 | 536.8 | 528.2 | 522.1 |
| 7.5° | 633.8 | 620.1 | 605.4 | 590.1 | 575.1 | 561.6 | 549.6 | 539.4 | 527.2 | 514.8 | 506.2 |
| 10° | 662.4 | 642.3 | 621.6 | 600.4 | 581.1 | 562.9 | 548.9 | 535.2 | 520.5 | 506.3 | 495.5 |
| 12.5° | 688.3 | 661.9 | 638.0 | 611.9 | 587.2 | 565.5 | 545.4 | 529.2 | 511.5 | 496.4 | 484.2 |
| 15° | 721.1 | 694.0 | 665.2 | 625.5 | 592.7 | 565.2 | 540.7 | 519.5 | 498.1 | 479.5 | 467.6 |
| 17.5° | 751.7 | 711.1 | 672.2 | 639.2 | 596.5 | 562.2 | 532.3 | 507.0 | 483.4 | 463.7 | 449.0 |
| 20° | 764.4 | 725.0 | 682.9 | 640.7 | 598.8 | 560.3 | 525.6 | 497.6 | 473.2 | 450.8 | 437.3 |
| 22.5° | 772.0 | 727.5 | 683.0 | 637.7 | 593.2 | 553.2 | 518.9 | 488.1 | 461.6 | 440.4 | 423.7 |
| 25° | 780.9 | 727.8 | 678.9 | 634.2 | 588.7 | 545.4 | 504.6 | 472.0 | 443.4 | 420.8 | 403.1 |
| 27.5° | 786.8 | 724.3 | 666.5 | 616.8 | 570.7 | 527.6 | 490.2 | 455.6 | 426.5 | 402.6 | 383.6 |
| 30° | 787.9 | 721.5 | 657.0 | 603.2 | 556.4 | 516.7 | 477.1 | 444.1 | 413.3 | 387.9 | 370.2 |
| 32.5° | 789.4 | 714.6 | 644.1 | 587.0 | 539.0 | 499.8 | 463.9 | 432.3 | 400.8 | 375.8 | 357.7 |
| 35° | 783.3 | 710.8 | 624.6 | 558.9 | 510.9 | 472.9 | 440.6 | 411.4 | 380.5 | 356.2 | 337.8 |
| 37.5° | 756.8 | 695.7 | 604.4 | 527.3 | 477.1 | 442.0 | 415.6 | 390.2 | 361.8 | 335.6 | 318.3 |
| 40° | 730.2 | 680.8 | 588.7 | 508.1 | 455.7 | 419.6 | 395.8 | 375.1 | 347.6 | 323.1 | 304.5 |
| 42.5° | 690.5 | 660.4 | 573.8 | 488.0 | 431.5 | 396.7 | 376.6 | 357.2 | 333.1 | 308.2 | 290.7 |
| 45° | 617.6 | 621.6 | 543.3 | 455.9 | 397.9 | 363.0 | 344.1 | 330.6 | 309.2 | 288.7 | 270.7 |
| 47.5° | 526.3 | 563.3 | 507.5 | 421.8 | 362.6 | 329.8 | 313.3 | 301.5 | 287.0 | 266.9 | 250.5 |
| 50° | 466.7 | 519.5 | 478.8 | 398.9 | 340.4 | 307.8 | 291.5 | 281.9 | 269.3 | 253.5 | 237.9 |
| 52.5° | 411.7 | 468.5 | 444.1 | 373.3 | 316.3 | 286.5 | 270.6 | 262.7 | 252.7 | 237.8 | 223.7 |
| 55° | 335.7 | 393.3 | 387.7 | 334.8 | 280.3 | 253.5 | 241.4 | 232.5 | 225.8 | 214.6 | 203.4 |
| 57.5° | 271.6 | 326.1 | 329.0 | 291.9 | 248.5 | 222.0 | 211.6 | 204.9 | 200.5 | 192.1 | 181.7 |
| 60° | 231.1 | 281.2 | 291.0 | 263.0 | 225.8 | 202.5 | 192.2 | 186.8 | 183.4 | 176.6 | 168.7 |
| 62.5° | 197.6 | 240.2 | 251.3 | 231.2 | 204.0 | 182.1 | 174.1 | 169.0 | 166.6 | 160.8 | 153.8 |
| 65° | 151.2 | 186.6 | 197.3 | 186.2 | 171.9 | 154.5 | 147.9 | 143.5 | 141.4 | 138.2 | 133.0 |
| 67.5° | 113.7 | 139.5 | 151.3 | 143.4 | 138.2 | 127.2 | 123.1 | 120.7 | 118.8 | 116.6 | 112.3 |
| 70° | 91.3 | 110.4 | 122.5 | 120.5 | 116.3 | 110.4 | 107.4 | 105.8 | 103.9 | 102.0 | 98.3 |
| 72.5° | 73.4 | 86.6 | 97.9 | 99.0 | 95.6 | 94.4 | 91.7 | 91.0 | 89.9 | 87.7 | 85.6 |
| 75° | 48.7 | 57.8 | 65.7 | 68.7 | 70.1 | 71.3 | 70.1 | 69.9 | 69.7 | 67.8 | 66.6 |
| 77.5° | 31.9 | 36.8 | 41.8 | 47.0 | 49.2 | 50.7 | 51.1 | 52.0 | 51.3 | 50.4 | 49.8 |
| 80° | 24.5 | 25.6 | 29.1 | 33.5 | 37.0 | 38.4 | 39.4 | 39.8 | 39.6 | 39.4 | 38.4 |
| 82.5° | 17.8 | 18.7 | 20.4 | 23.5 | 26.4 | 28.7 | 29.3 | 29.2 | 29.7 | 29.9 | 29.1 |
| 85° | 9.6 | 9.8 | 10.3 | 10.7 | 12.3 | 14.9 | 15.6 | 16.1 | 16.5 | 16.5 | 15.1 |
| 87.5° | 7.4 | 6.5 | 6.2 | 5.7 | 5.8 | 5.3 | 6.0 | 6.4 | 7.1 | 6.8 | 7.5 |
| 90° | 22.1 | 18.6 | 15.1 | 12.8 | 10.5 | 7.0 | 4.6 | 2.3 | 4.6 | 7.0 | 10.5 |
| 92.5° | 147.6 | 97.6 | 67.2 | 50.0 | 40.2 | 31.1 | 21.4 | 14.4 | 21.4 | 31.1 | 40.2 |
| 95° | 422.9 | 249.8 | 151.0 | 105.7 | 75.5 | 55.8 | 43.0 | 39.5 | 43.0 | 55.8 | 75.5 |
| 97.5° | 464.0 | 268.9 | 174.5 | 125.5 | 95.7 | 78.5 | 68.5 | 67.4 | 68.5 | 78.5 | 95.7 |
| 100° | 438.0 | 266.1 | 184.7 | 139.4 | 111.5 | 95.3 | 87.1 | 86.0 | 87.1 | 95.3 | 111.5 |
| 102.5° | 415.7 | 269.8 | 196.8 | 155.2 | 130.1 | 114.8 | 107.6 | 105.5 | 107.6 | 114.8 | 130.1 |
| 105° | 399.7 | 280.0 | 217.3 | 181.2 | 159.2 | 145.2 | 138.3 | 134.8 | 138.3 | 145.2 | 159.2 |
| 107.5° | 398.5 | 299.1 | 244.0 | 210.5 | 189.8 | 176.1 | 169.4 | 165.9 | 169.4 | 176.1 | 189.8 |
| 110° | 403.2 | 314.9 | 262.6 | 230.0 | 210.3 | 197.5 | 191.7 | 188.2 | 191.7 | 197.5 | 210.3 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 412.5 | 330.7 | 282.1 | 250.5 | 230.7 | 218.0 | 212.2 | 208.7 | 212.2 | 218.0 | 230.7 |
| 115° | 427.6 | 356.7 | 312.5 | 281.2 | 261.4 | 249.8 | 242.8 | 238.2 | 242.8 | 249.8 | 261.4 |
| 117.5° | 447.5 | 384.3 | 340.7 | 311.6 | 289.5 | 278.8 | 273.0 | 267.7 | 273.0 | 278.8 | 289.5 |
| 120° | 462.4 | 402.0 | 360.2 | 331.1 | 309.1 | 297.4 | 291.6 | 288.1 | 291.6 | 297.4 | 309.1 |
| 122.5° | 476.4 | 420.6 | 379.7 | 348.8 | 327.6 | 315.1 | 309.3 | 305.8 | 309.3 | 315.1 | 327.6 |
| 125° | 498.4 | 447.3 | 406.6 | 375.3 | 353.2 | 340.4 | 333.5 | 331.1 | 333.5 | 340.4 | 353.2 |
| 127.5° | 516.6 | 470.5 | 431.3 | 399.9 | 375.5 | 362.5 | 353.9 | 350.4 | 353.9 | 362.5 | 375.5 |
| 130° | 528.6 | 484.5 | 446.1 | 414.8 | 390.4 | 376.4 | 366.0 | 362.5 | 366.0 | 376.4 | 390.4 |
| 132.5° | 539.8 | 496.6 | 459.2 | 428.7 | 404.3 | 387.6 | 376.2 | 371.8 | 376.2 | 387.6 | 404.3 |
| 135° | 554.2 | 514.7 | 478.7 | 447.3 | 422.9 | 405.5 | 392.7 | 388.1 | 392.7 | 405.5 | 422.9 |
| 137.5° | 564.9 | 527.2 | 492.6 | 463.6 | 439.4 | 420.8 | 408.3 | 403.4 | 408.3 | 420.8 | 439.4 |
| 140° | 570.5 | 535.6 | 501.9 | 472.9 | 449.6 | 431.0 | 419.4 | 413.6 | 419.4 | 431.0 | 449.6 |
| 142.5° | 576.0 | 542.1 | 509.4 | 482.2 | 458.9 | 442.2 | 429.7 | 424.8 | 429.7 | 442.2 | 458.9 |
| 145° | 582.1 | 550.7 | 520.5 | 493.8 | 474.0 | 456.6 | 446.1 | 442.7 | 446.1 | 456.6 | 474.0 |
| 147.5° | 585.8 | 557.7 | 530.0 | 507.3 | 488.2 | 473.1 | 462.9 | 460.8 | 462.9 | 473.1 | 488.2 |
| 150° | 586.7 | 562.3 | 535.6 | 514.7 | 498.4 | 483.3 | 474.0 | 472.9 | 474.0 | 483.3 | 498.4 |
| 152.5° | 588.6 | 565.1 | 542.1 | 522.1 | 507.7 | 494.5 | 485.2 | 485.0 | 485.2 | 494.5 | 507.7 |
| 155° | 589.1 | 570.5 | 550.7 | 534.4 | 521.7 | 510.1 | 503.1 | 503.1 | 503.1 | 510.1 | 521.7 |
| 157.5° | 590.2 | 573.5 | 557.7 | 545.1 | 534.2 | 524.0 | 518.4 | 517.5 | 518.4 | 524.0 | 534.2 |
| 160° | 590.2 | 576.3 | 562.3 | 550.7 | 542.6 | 533.3 | 528.6 | 528.6 | 528.6 | 533.3 | 542.6 |
| 162.5° | 589.3 | 577.2 | 565.1 | 555.4 | 548.2 | 540.7 | 537.0 | 537.0 | 537.0 | 540.7 | 548.2 |
| 165° | 586.7 | 578.6 | 569.3 | 561.2 | 556.5 | 550.7 | 548.4 | 549.6 | 548.4 | 550.7 | 556.5 |
| 167.5° | 584.9 | 578.4 | 571.6 | 566.5 | 563.3 | 558.8 | 557.7 | 559.1 | 557.7 | 558.8 | 563.3 |
| 170° | 582.1 | 577.4 | 571.6 | 569.3 | 567.0 | 563.5 | 562.3 | 564.7 | 562.3 | 563.5 | 567.0 |
| 172.5° | 581.2 | 577.4 | 572.6 | 571.2 | 569.8 | 567.2 | 567.0 | 568.4 | 567.0 | 567.2 | 569.8 |
| 175° | 578.6 | 576.3 | 574.0 | 572.8 | 572.8 | 570.5 | 571.6 | 572.8 | 571.6 | 570.5 | 572.8 |
| 177.5° | 576.7 | 574.9 | 574.0 | 574.0 | 574.0 | 573.0 | 574.0 | 574.9 | 574.0 | 573.0 | 574.0 |
| 180° | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0° | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 |
| 2.5° | 534.9 | 532.5 | 530.8 | 527.1 | 524.7 | 522.1 | 519.5 | 521.1 | 520.9 | 520.8 | 520.8 |
| 5° | 517.0 | 511.6 | 506.7 | 500.4 | 496.5 | 491.6 | 487.9 | 487.4 | 488.3 | 485.1 | 483.2 |
| 7.5° | 499.2 | 491.9 | 484.9 | 478.0 | 470.6 | 464.7 | 461.1 | 459.3 | 457.0 | 455.0 | 452.9 |
| 10° | 486.7 | 478.1 | 471.3 | 462.7 | 454.8 | 447.8 | 443.4 | 440.3 | 438.7 | 437.1 | 434.0 |
| 12.5° | 473.8 | 465.4 | 456.8 | 447.0 | 439.5 | 431.4 | 428.1 | 424.7 | 421.6 | 419.7 | 415.6 |
| 15° | 455.0 | 444.1 | 435.0 | 424.7 | 416.3 | 408.4 | 403.8 | 397.0 | 396.1 | 393.7 | 389.5 |
| 17.5° | 436.1 | 424.3 | 411.7 | 404.1 | 394.7 | 386.4 | 379.3 | 377.1 | 370.4 | 367.9 | 364.2 |
| 20° | 421.2 | 410.3 | 400.7 | 390.7 | 377.0 | 369.3 | 363.7 | 360.7 | 355.3 | 352.0 | 349.7 |
| 22.5° | 408.4 | 397.2 | 386.2 | 374.5 | 363.2 | 354.5 | 350.4 | 345.7 | 342.8 | 338.2 | 335.7 |
| 25° | 390.0 | 377.9 | 364.6 | 352.0 | 343.9 | 337.4 | 330.8 | 326.6 | 322.4 | 320.3 | 315.7 |
| 27.5° | 368.7 | 356.0 | 343.6 | 334.0 | 324.0 | 317.6 | 311.7 | 308.0 | 302.9 | 299.4 | 296.8 |
| 30° | 356.9 | 342.0 | 331.3 | 322.7 | 309.9 | 303.8 | 299.4 | 294.7 | 291.0 | 287.3 | 284.7 |
| 32.5° | 343.3 | 329.7 | 319.6 | 308.9 | 299.1 | 292.4 | 286.7 | 282.6 | 279.4 | 275.9 | 273.3 |
| 35° | 322.0 | 310.6 | 300.1 | 289.4 | 282.1 | 275.4 | 268.6 | 265.1 | 262.1 | 258.8 | 256.5 |
| 37.5° | 302.7 | 292.0 | 282.0 | 271.9 | 262.9 | 257.4 | 252.0 | 249.3 | 245.2 | 243.0 | 240.7 |
| 40° | 290.8 | 280.3 | 269.6 | 259.8 | 250.5 | 246.3 | 241.4 | 237.4 | 233.7 | 232.0 | 229.5 |
| 42.5° | 277.7 | 267.2 | 258.2 | 247.7 | 240.0 | 234.3 | 229.8 | 225.5 | 222.7 | 220.3 | 218.9 |
| 45° | 258.4 | 249.1 | 240.2 | 229.7 | 222.5 | 217.6 | 212.5 | 208.5 | 206.0 | 204.3 | 201.8 |
| 47.5° | 239.6 | 230.3 | 221.3 | 212.2 | 205.2 | 199.6 | 194.4 | 191.7 | 188.3 | 186.3 | 184.6 |
| 50° | 226.0 | 217.6 | 208.1 | 199.7 | 192.7 | 187.1 | 182.9 | 179.4 | 176.4 | 173.8 | 172.6 |
| 52.5° | 213.5 | 204.6 | 196.3 | 188.5 | 181.1 | 174.8 | 171.0 | 167.3 | 165.0 | 162.1 | 160.7 |
| 55° | 192.9 | 184.3 | 177.3 | 169.6 | 162.4 | 157.0 | 152.4 | 149.1 | 146.8 | 143.5 | 141.7 |
| 57.5° | 173.6 | 165.8 | 157.5 | 150.8 | 143.4 | 138.9 | 135.0 | 130.6 | 127.7 | 125.2 | 123.3 |
| 60° | 160.5 | 151.7 | 144.4 | 138.2 | 131.6 | 125.8 | 122.3 | 118.8 | 115.8 | 113.2 | 111.6 |
| 62.5° | 146.9 | 139.2 | 132.3 | 125.5 | 119.5 | 114.4 | 110.4 | 107.5 | 104.8 | 103.2 | 101.5 |
| 65° | 126.0 | 120.0 | 113.0 | 107.4 | 101.8 | 98.1 | 94.8 | 92.3 | 90.4 | 89.2 | 87.8 |
| 67.5° | 106.8 | 101.0 | 94.9 | 89.4 | 85.6 | 82.8 | 80.7 | 78.5 | 77.5 | 76.0 | 75.1 |
| 70° | 94.4 | 88.3 | 82.9 | 78.7 | 75.0 | 72.9 | 71.5 | 69.9 | 69.0 | 67.1 | 66.2 |
| 72.5° | 80.8 | 76.4 | 72.5 | 69.1 | 66.1 | 64.2 | 62.4 | 60.4 | 58.9 | 56.8 | 55.9 |
| 75° | 63.6 | 59.6 | 56.6 | 54.3 | 52.4 | 49.9 | 47.3 | 45.2 | 44.5 | 43.8 | 43.6 |
| 77.5° | 47.1 | 44.6 | 42.4 | 40.4 | 38.1 | 36.3 | 35.7 | 35.2 | 35.1 | 34.7 | 34.7 |
| 80° | 37.0 | 34.7 | 33.1 | 30.8 | 29.4 | 29.4 | 29.4 | 28.9 | 29.1 | 29.1 | 29.1 |
| 82.5° | 27.5 | 25.4 | 24.5 | 23.7 | 23.4 | 23.6 | 23.6 | 23.7 | 23.5 | 23.9 | 23.7 |
| 85° | 14.2 | 14.4 | 14.9 | 14.7 | 14.9 | 14.9 | 15.4 | 15.1 | 15.4 | 14.9 | 15.4 |
| 87.5° | 7.8 | 8.8 | 9.7 | 10.6 | 11.4 | 12.0 | 11.9 | 12.1 | 12.6 | 12.8 | 13.3 |
| 90° | 12.8 | 15.1 | 18.6 | 22.1 | 25.6 | 29.0 | 27.9 | 29.0 | 30.2 | 31.4 | 33.7 |
| 92.5° | 50.0 | 67.2 | 97.6 | 147.6 | 196.6 | 178.7 | 134.8 | 97.8 | 77.6 | 68.5 | 62.5 |
| 95° | 105.7 | 151.0 | 249.8 | 422.9 | 613.5 | 689.0 | 558.8 | 418.3 | 283.5 | 221.9 | 180.1 |
| 97.5° | 125.5 | 174.5 | 268.9 | 464.0 | 781.7 | 1067.7 | 1142.3 | 1042.6 | 835.1 | 685.3 | 546.3 |
| 100° | 139.4 | 184.7 | 266.1 | 438.0 | 743.6 | 1100.3 | 1329.2 | 1369.8 | 1275.7 | 1139.8 | 974.8 |
| 102.5° | 155.2 | 196.8 | 269.8 | 415.7 | 687.8 | 1039.9 | 1338.4 | 1478.6 | 1475.5 | 1396.3 | 1291.7 |
| 105° | 181.2 | 217.3 | 280.0 | 399.7 | 619.3 | 934.1 | 1267.6 | 1510.4 | 1626.6 | 1648.7 | 1618.5 |
| 107.5° | 210.5 | 244.0 | 299.1 | 398.5 | 575.6 | 840.7 | 1143.5 | 1418.8 | 1607.5 | 1709.3 | 1750.7 |
| 110° | 230.0 | 262.6 | 314.9 | 403.2 | 558.8 | 787.7 | 1065.4 | 1331.5 | 1545.3 | 1691.7 | 1773.0 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 250.5 | 282.1 | 330.7 | 412.5 | 549.6 | 752.4 | 997.6 | 1245.0 | 1463.5 | 1627.5 | 1732.1 |
| 115° | 281.2 | 312.5 | 356.7 | 427.6 | 546.1 | 714.5 | 915.5 | 1130.5 | 1332.6 | 1503.4 | 1630.1 |
| 117.5° | 311.6 | 340.7 | 384.3 | 447.5 | 548.2 | 692.2 | 866.0 | 1047.5 | 1222.0 | 1375.4 | 1503.9 |
| 120° | 331.1 | 360.2 | 402.0 | 462.4 | 551.9 | 682.0 | 840.0 | 1003.8 | 1160.7 | 1300.1 | 1417.5 |
| 122.5° | 348.8 | 379.7 | 420.6 | 476.4 | 558.4 | 675.5 | 818.6 | 969.4 | 1111.4 | 1240.6 | 1349.6 |
| 125° | 375.3 | 406.6 | 447.3 | 498.4 | 568.1 | 666.9 | 791.2 | 923.7 | 1050.3 | 1161.8 | 1254.8 |
| 127.5° | 399.9 | 431.3 | 470.5 | 516.6 | 579.3 | 662.7 | 767.1 | 883.7 | 996.6 | 1097.2 | 1181.8 |
| 130° | 414.8 | 446.1 | 484.5 | 528.6 | 586.7 | 659.9 | 754.0 | 858.6 | 963.2 | 1057.3 | 1136.3 |
| 132.5° | 428.7 | 459.2 | 496.6 | 539.8 | 592.3 | 659.0 | 742.0 | 835.4 | 931.6 | 1019.2 | 1094.5 |
| 135° | 447.3 | 478.7 | 514.7 | 554.2 | 600.7 | 657.6 | 726.2 | 804.0 | 886.5 | 962.0 | 1028.2 |
| 137.5° | 463.6 | 492.6 | 527.2 | 564.9 | 606.3 | 655.0 | 712.4 | 775.4 | 843.0 | 908.1 | 965.5 |
| 140° | 472.9 | 501.9 | 535.6 | 570.5 | 610.0 | 654.1 | 704.1 | 758.7 | 817.9 | 873.7 | 923.7 |
| 142.5° | 482.2 | 509.4 | 542.1 | 576.0 | 612.8 | 652.3 | 696.6 | 742.9 | 793.8 | 842.1 | 885.6 |
| 145° | 493.8 | 520.5 | 550.7 | 582.1 | 614.6 | 649.5 | 686.7 | 723.8 | 762.2 | 799.4 | 833.0 |
| 147.5° | 507.3 | 530.0 | 557.7 | 585.8 | 614.6 | 645.1 | 676.9 | 708.3 | 738.7 | 768.7 | 792.6 |
| 150° | 514.7 | 535.6 | 562.3 | 586.7 | 614.6 | 641.3 | 670.4 | 697.1 | 723.8 | 748.2 | 770.3 |
| 152.5° | 522.1 | 542.1 | 565.1 | 588.6 | 611.8 | 636.7 | 663.0 | 686.9 | 709.9 | 731.5 | 749.9 |
| 155° | 534.4 | 550.7 | 570.5 | 589.1 | 608.8 | 628.6 | 651.8 | 671.5 | 690.1 | 707.6 | 721.5 |
| 157.5° | 545.1 | 557.7 | 573.5 | 590.2 | 604.9 | 621.4 | 639.2 | 655.3 | 670.9 | 684.3 | 695.2 |
| 160° | 550.7 | 562.3 | 576.3 | 590.2 | 603.0 | 615.8 | 630.9 | 646.0 | 658.8 | 670.4 | 678.5 |
| 162.5° | 555.4 | 565.1 | 577.2 | 589.3 | 599.3 | 610.2 | 622.5 | 634.8 | 645.8 | 656.4 | 663.6 |
| 165° | 561.2 | 569.3 | 578.6 | 586.7 | 593.7 | 601.8 | 611.1 | 620.4 | 627.4 | 635.5 | 641.3 |
| 167.5° | 566.5 | 571.6 | 578.4 | 584.9 | 588.1 | 593.5 | 600.2 | 607.9 | 613.2 | 617.9 | 622.1 |
| 170° | 569.3 | 571.6 | 577.4 | 582.1 | 584.4 | 587.9 | 593.7 | 599.5 | 603.0 | 607.6 | 610.0 |
| 172.5° | 571.2 | 572.6 | 577.4 | 581.2 | 581.6 | 583.2 | 587.2 | 592.1 | 594.6 | 598.4 | 599.7 |
| 175° | 572.8 | 574.0 | 576.3 | 578.6 | 577.4 | 577.4 | 579.8 | 582.1 | 583.2 | 585.6 | 585.6 |
| 177.5° | 574.0 | 574.0 | 574.9 | 576.7 | 574.9 | 574.0 | 574.9 | 575.8 | 576.7 | 577.7 | 577.7 |
| 180° | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 |
| 2.5° | 518.5 | 518.3 | 518.5 | 517.8 | 518.5 | 518.3 | 518.5 | 520.8 | 520.8 | 520.9 | 521.1 |
| 5° | 482.5 | 482.3 | 481.6 | 479.5 | 481.6 | 482.3 | 482.5 | 483.2 | 485.1 | 488.3 | 487.4 |
| 7.5° | 451.0 | 450.7 | 448.7 | 448.7 | 448.7 | 450.7 | 451.0 | 452.9 | 455.0 | 457.0 | 459.3 |
| 10° | 432.4 | 432.6 | 429.8 | 428.2 | 429.8 | 432.6 | 432.4 | 434.0 | 437.1 | 438.7 | 440.3 |
| 12.5° | 414.3 | 413.3 | 411.0 | 409.2 | 411.0 | 413.3 | 414.3 | 415.6 | 419.7 | 421.6 | 424.7 |
| 15° | 390.5 | 388.1 | 382.6 | 383.0 | 382.6 | 388.1 | 390.5 | 389.5 | 393.7 | 396.1 | 397.0 |
| 17.5° | 362.4 | 360.7 | 360.6 | 357.3 | 360.6 | 360.7 | 362.4 | 364.2 | 367.9 | 370.4 | 377.1 |
| 20° | 346.0 | 344.8 | 345.3 | 342.0 | 345.3 | 344.8 | 346.0 | 349.7 | 352.0 | 355.3 | 360.7 |
| 22.5° | 333.1 | 331.9 | 330.0 | 329.0 | 330.0 | 331.9 | 333.1 | 335.7 | 338.2 | 342.8 | 345.7 |
| 25° | 314.3 | 312.4 | 310.6 | 311.7 | 310.6 | 312.4 | 314.3 | 315.7 | 320.3 | 322.4 | 326.6 |
| 27.5° | 295.5 | 294.1 | 292.2 | 292.0 | 292.2 | 294.1 | 295.5 | 296.8 | 299.4 | 302.9 | 308.0 |
| 30° | 283.5 | 282.1 | 281.2 | 280.0 | 281.2 | 282.1 | 283.5 | 284.7 | 287.3 | 291.0 | 294.7 |
| 32.5° | 271.4 | 271.1 | 269.5 | 269.2 | 269.5 | 271.1 | 271.4 | 273.3 | 275.9 | 279.4 | 282.6 |
| 35° | 255.6 | 254.2 | 253.7 | 253.9 | 253.7 | 254.2 | 255.6 | 256.5 | 258.8 | 262.1 | 265.1 |
| 37.5° | 240.5 | 238.7 | 237.8 | 237.0 | 237.8 | 238.7 | 240.5 | 240.7 | 243.0 | 245.2 | 249.3 |
| 40° | 229.7 | 227.9 | 227.4 | 226.9 | 227.4 | 227.9 | 229.7 | 229.5 | 232.0 | 233.7 | 237.4 |
| 42.5° | 217.6 | 216.9 | 216.6 | 215.7 | 216.6 | 216.9 | 217.6 | 218.9 | 220.3 | 222.7 | 225.5 |
| 45° | 201.1 | 200.8 | 199.4 | 199.9 | 199.4 | 200.8 | 201.1 | 201.8 | 204.3 | 206.0 | 208.5 |
| 47.5° | 183.6 | 182.6 | 181.6 | 182.3 | 181.6 | 182.6 | 183.6 | 184.6 | 186.3 | 188.3 | 191.7 |
| 50° | 171.7 | 171.2 | 169.1 | 169.6 | 169.1 | 171.2 | 171.7 | 172.6 | 173.8 | 176.4 | 179.4 |
| 52.5° | 159.8 | 158.0 | 157.2 | 156.9 | 157.2 | 158.0 | 159.8 | 160.7 | 162.1 | 165.0 | 167.3 |
| 55° | 140.0 | 137.9 | 137.0 | 136.5 | 137.0 | 137.9 | 140.0 | 141.7 | 143.5 | 146.8 | 149.1 |
| 57.5° | 120.6 | 120.1 | 119.3 | 119.8 | 119.3 | 120.1 | 120.6 | 123.3 | 125.2 | 127.7 | 130.6 |
| 60° | 109.3 | 109.3 | 109.3 | 109.0 | 109.3 | 109.3 | 109.3 | 111.6 | 113.2 | 115.8 | 118.8 |
| 62.5° | 100.5 | 99.9 | 99.8 | 100.1 | 99.8 | 99.9 | 100.5 | 101.5 | 103.2 | 104.8 | 107.5 |
| 65° | 87.1 | 86.9 | 86.0 | 85.7 | 86.0 | 86.9 | 87.1 | 87.8 | 89.2 | 90.4 | 92.3 |
| 67.5° | 74.5 | 73.7 | 73.4 | 73.1 | 73.4 | 73.7 | 74.5 | 75.1 | 76.0 | 77.5 | 78.5 |
| 70° | 65.0 | 64.5 | 63.1 | 63.4 | 63.1 | 64.5 | 65.0 | 66.2 | 67.1 | 69.0 | 69.9 |
| 72.5° | 54.8 | 54.3 | 54.0 | 53.7 | 54.0 | 54.3 | 54.8 | 55.9 | 56.8 | 58.9 | 60.4 |
| 75° | 43.3 | 43.1 | 42.9 | 43.8 | 42.9 | 43.1 | 43.3 | 43.6 | 43.8 | 44.5 | 45.2 |
| 77.5° | 34.7 | 34.7 | 34.9 | 34.5 | 34.9 | 34.7 | 34.7 | 34.7 | 34.7 | 35.1 | 35.2 |
| 80° | 29.1 | 29.1 | 28.9 | 28.9 | 28.9 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 28.9 |
| 82.5° | 23.3 | 23.5 | 23.7 | 23.3 | 23.7 | 23.5 | 23.3 | 23.7 | 23.9 | 23.5 | 23.7 |
| 85° | 15.4 | 15.1 | 15.6 | 15.4 | 15.6 | 15.1 | 15.4 | 15.4 | 14.9 | 15.4 | 15.1 |
| 87.5° | 13.4 | 13.3 | 13.5 | 13.4 | 13.5 | 13.3 | 13.4 | 13.3 | 12.8 | 12.6 | 12.1 |
| 90° | 32.5 | 33.7 | 34.9 | 33.7 | 34.9 | 33.7 | 32.5 | 33.7 | 31.4 | 30.2 | 29.0 |
| 92.5° | 60.4 | 56.9 | 58.1 | 56.0 | 58.1 | 56.9 | 60.4 | 62.5 | 68.5 | 77.6 | 97.8 |
| 95° | 158.0 | 147.6 | 139.4 | 134.8 | 139.4 | 147.6 | 158.0 | 180.1 | 221.9 | 283.5 | 418.3 |
| 97.5° | 460.6 | 408.3 | 376.9 | 366.9 | 376.9 | 408.3 | 460.6 | 546.3 | 685.3 | 835.1 | 1042.6 |
| 100° | 857.4 | 772.6 | 727.3 | 728.5 | 727.3 | 772.6 | 857.4 | 974.8 | 1139.8 | 1275.7 | 1369.8 |
| 102.5° | 1200.4 | 1133.3 | 1095.4 | 1068.7 | 1095.4 | 1133.3 | 1200.4 | 1291.7 | 1396.3 | 1475.5 | 1478.6 |
| 105° | 1565.0 | 1520.9 | 1483.7 | 1477.9 | 1483.7 | 1520.9 | 1565.0 | 1618.5 | 1648.7 | 1626.6 | 1510.4 |
| 107.5° | 1751.6 | 1736.7 | 1724.2 | 1713.5 | 1724.2 | 1736.7 | 1751.6 | 1750.7 | 1709.3 | 1607.5 | 1418.8 |
| 110° | 1805.5 | 1814.8 | 1812.5 | 1810.2 | 1812.5 | 1814.8 | 1805.5 | 1773.0 | 1691.7 | 1545.3 | 1331.5 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1791.6 | 1820.4 | 1829.2 | 1829.7 | 1829.2 | 1820.4 | 1791.6 | 1732.1 | 1627.5 | 1463.5 | 1245.0 |
| 115° | 1717.2 | 1768.3 | 1791.6 | 1797.4 | 1791.6 | 1768.3 | 1717.2 | 1630.1 | 1503.4 | 1332.6 | 1130.5 |
| 117.5° | 1594.8 | 1653.3 | 1686.8 | 1694.7 | 1686.8 | 1653.3 | 1594.8 | 1503.9 | 1375.4 | 1222.0 | 1047.5 |
| 120° | 1509.2 | 1574.3 | 1602.2 | 1609.2 | 1602.2 | 1574.3 | 1509.2 | 1417.5 | 1300.1 | 1160.7 | 1003.8 |
| 122.5° | 1431.2 | 1489.7 | 1520.4 | 1529.2 | 1520.4 | 1489.7 | 1431.2 | 1349.6 | 1240.6 | 1111.4 | 969.4 |
| 125° | 1329.2 | 1380.3 | 1409.3 | 1417.5 | 1409.3 | 1380.3 | 1329.2 | 1254.8 | 1161.8 | 1050.3 | 923.7 |
| 127.5° | 1248.1 | 1291.7 | 1318.0 | 1325.4 | 1318.0 | 1291.7 | 1248.1 | 1181.8 | 1097.2 | 996.6 | 883.7 |
| 130° | 1197.9 | 1239.7 | 1264.1 | 1273.4 | 1264.1 | 1239.7 | 1197.9 | 1136.3 | 1057.3 | 963.2 | 858.6 |
| 132.5° | 1152.3 | 1194.1 | 1215.8 | 1222.3 | 1215.8 | 1194.1 | 1152.3 | 1094.5 | 1019.2 | 931.6 | 835.4 |
| 135° | 1085.2 | 1120.0 | 1140.9 | 1149.1 | 1140.9 | 1120.0 | 1085.2 | 1028.2 | 962.0 | 886.5 | 804.0 |
| 137.5° | 1013.4 | 1048.7 | 1066.3 | 1071.7 | 1066.3 | 1048.7 | 1013.4 | 965.5 | 908.1 | 843.0 | 775.4 |
| 140° | 967.8 | 1000.4 | 1018.9 | 1017.8 | 1018.9 | 1000.4 | 967.8 | 923.7 | 873.7 | 817.9 | 758.7 |
| 142.5° | 923.2 | 952.0 | 968.7 | 967.6 | 968.7 | 952.0 | 923.2 | 885.6 | 842.1 | 793.8 | 742.9 |
| 145° | 862.1 | 886.5 | 895.8 | 898.1 | 895.8 | 886.5 | 862.1 | 833.0 | 799.4 | 762.2 | 723.8 |
| 147.5° | 814.7 | 831.2 | 840.0 | 840.9 | 840.0 | 831.2 | 814.7 | 792.6 | 768.7 | 738.7 | 708.3 |
| 150° | 787.7 | 800.5 | 807.5 | 807.5 | 807.5 | 800.5 | 787.7 | 770.3 | 748.2 | 723.8 | 697.1 |
| 152.5° | 763.6 | 775.4 | 779.6 | 779.6 | 779.6 | 775.4 | 763.6 | 749.9 | 731.5 | 709.9 | 686.9 |
| 155° | 732.0 | 741.3 | 743.6 | 744.7 | 743.6 | 741.3 | 732.0 | 721.5 | 707.6 | 690.1 | 671.5 |
| 157.5° | 704.3 | 711.3 | 713.1 | 712.9 | 713.1 | 711.3 | 704.3 | 695.2 | 684.3 | 670.9 | 655.3 |
| 160° | 686.7 | 693.6 | 693.6 | 692.5 | 693.6 | 693.6 | 686.7 | 678.5 | 670.4 | 658.8 | 646.0 |
| 162.5° | 669.0 | 675.0 | 675.0 | 673.9 | 675.0 | 675.0 | 669.0 | 663.6 | 656.4 | 645.8 | 634.8 |
| 165° | 646.0 | 650.6 | 649.5 | 649.5 | 649.5 | 650.6 | 646.0 | 641.3 | 635.5 | 627.4 | 620.4 |
| 167.5° | 624.1 | 627.4 | 626.2 | 626.2 | 626.2 | 627.4 | 624.1 | 622.1 | 617.9 | 613.2 | 607.9 |
| 170° | 611.1 | 613.5 | 612.3 | 612.3 | 612.3 | 613.5 | 611.1 | 610.0 | 607.6 | 603.0 | 599.5 |
| 172.5° | 600.0 | 602.3 | 600.2 | 599.3 | 600.2 | 602.3 | 600.0 | 599.7 | 598.4 | 594.6 | 592.1 |
| 175° | 585.6 | 586.7 | 585.6 | 584.4 | 585.6 | 586.7 | 585.6 | 585.6 | 585.6 | 583.2 | 582.1 |
| 177.5° | 576.7 | 577.7 | 575.8 | 575.8 | 575.8 | 577.7 | 576.7 | 577.7 | 577.7 | 576.7 | 575.8 |
| 180° | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 |
| 2.5° | 519.5 | 522.1 | 524.7 | 527.1 | 530.8 | 532.5 | 534.9 | 535.9 | 538.6 | 542.7 | 546.1 |
| 5° | 487.9 | 491.6 | 496.5 | 500.4 | 506.7 | 511.6 | 517.0 | 522.1 | 528.2 | 536.8 | 544.5 |
| 7.5° | 461.1 | 464.7 | 470.6 | 478.0 | 484.9 | 491.9 | 499.2 | 506.2 | 514.8 | 527.2 | 539.4 |
| 10° | 443.4 | 447.8 | 454.8 | 462.7 | 471.3 | 478.1 | 486.7 | 495.5 | 506.3 | 520.5 | 535.2 |
| 12.5° | 428.1 | 431.4 | 439.5 | 447.0 | 456.8 | 465.4 | 473.8 | 484.2 | 496.4 | 511.5 | 529.2 |
| 15° | 403.8 | 408.4 | 416.3 | 424.7 | 435.0 | 444.1 | 455.0 | 467.6 | 479.5 | 498.1 | 519.5 |
| 17.5° | 379.3 | 386.4 | 394.7 | 404.1 | 411.7 | 424.3 | 436.1 | 449.0 | 463.7 | 483.4 | 507.0 |
| 20° | 363.7 | 369.3 | 377.0 | 390.7 | 400.7 | 410.3 | 421.2 | 437.3 | 450.8 | 473.2 | 497.6 |
| 22.5° | 350.4 | 354.5 | 363.2 | 374.5 | 386.2 | 397.2 | 408.4 | 423.7 | 440.4 | 461.6 | 488.1 |
| 25° | 330.8 | 337.4 | 343.9 | 352.0 | 364.6 | 377.9 | 390.0 | 403.1 | 420.8 | 443.4 | 472.0 |
| 27.5° | 311.7 | 317.6 | 324.0 | 334.0 | 343.6 | 356.0 | 368.7 | 383.6 | 402.6 | 426.5 | 455.6 |
| 30° | 299.4 | 303.8 | 309.9 | 322.7 | 331.3 | 342.0 | 356.9 | 370.2 | 387.9 | 413.3 | 444.1 |
| 32.5° | 286.7 | 292.4 | 299.1 | 308.9 | 319.6 | 329.7 | 343.3 | 357.7 | 375.8 | 400.8 | 432.3 |
| 35° | 268.6 | 275.4 | 282.1 | 289.4 | 300.1 | 310.6 | 322.0 | 337.8 | 356.2 | 380.5 | 411.4 |
| 37.5° | 252.0 | 257.4 | 262.9 | 271.9 | 282.0 | 292.0 | 302.7 | 318.3 | 335.6 | 361.8 | 390.2 |
| 40° | 241.4 | 246.3 | 250.5 | 259.8 | 269.6 | 280.3 | 290.8 | 304.5 | 323.1 | 347.6 | 375.1 |
| 42.5° | 229.8 | 234.3 | 240.0 | 247.7 | 258.2 | 267.2 | 277.7 | 290.7 | 308.2 | 333.1 | 357.2 |
| 45° | 212.5 | 217.6 | 222.5 | 229.7 | 240.2 | 249.1 | 258.4 | 270.7 | 288.7 | 309.2 | 330.6 |
| 47.5° | 194.4 | 199.6 | 205.2 | 212.2 | 221.3 | 230.3 | 239.6 | 250.5 | 266.9 | 287.0 | 301.5 |
| 50° | 182.9 | 187.1 | 192.7 | 199.7 | 208.1 | 217.6 | 226.0 | 237.9 | 253.5 | 269.3 | 281.9 |
| 52.5° | 171.0 | 174.8 | 181.1 | 188.5 | 196.3 | 204.6 | 213.5 | 223.7 | 237.8 | 252.7 | 262.7 |
| 55° | 152.4 | 157.0 | 162.4 | 169.6 | 177.3 | 184.3 | 192.9 | 203.4 | 214.6 | 225.8 | 232.5 |
| 57.5° | 135.0 | 138.9 | 143.4 | 150.8 | 157.5 | 165.8 | 173.6 | 181.7 | 192.1 | 200.5 | 204.9 |
| 60° | 122.3 | 125.8 | 131.6 | 138.2 | 144.4 | 151.7 | 160.5 | 168.7 | 176.6 | 183.4 | 186.8 |
| 62.5° | 110.4 | 114.4 | 119.5 | 125.5 | 132.3 | 139.2 | 146.9 | 153.8 | 160.8 | 166.6 | 169.0 |
| 65° | 94.8 | 98.1 | 101.8 | 107.4 | 113.0 | 120.0 | 126.0 | 133.0 | 138.2 | 141.4 | 143.5 |
| 67.5° | 80.7 | 82.8 | 85.6 | 89.4 | 94.9 | 101.0 | 106.8 | 112.3 | 116.6 | 118.8 | 120.7 |
| 70° | 71.5 | 72.9 | 75.0 | 78.7 | 82.9 | 88.3 | 94.4 | 98.3 | 102.0 | 103.9 | 105.8 |
| 72.5° | 62.4 | 64.2 | 66.1 | 69.1 | 72.5 | 76.4 | 80.8 | 85.6 | 87.7 | 89.9 | 91.0 |
| 75° | 47.3 | 49.9 | 52.4 | 54.3 | 56.6 | 59.6 | 63.6 | 66.6 | 67.8 | 69.7 | 69.9 |
| 77.5° | 35.7 | 36.3 | 38.1 | 40.4 | 42.4 | 44.6 | 47.1 | 49.8 | 50.4 | 51.3 | 52.0 |
| 80° | 29.4 | 29.4 | 29.4 | 30.8 | 33.1 | 34.7 | 37.0 | 38.4 | 39.4 | 39.6 | 39.8 |
| 82.5° | 23.6 | 23.6 | 23.4 | 23.7 | 24.5 | 25.4 | 27.5 | 29.1 | 29.9 | 29.7 | 29.2 |
| 85° | 15.4 | 14.9 | 14.9 | 14.7 | 14.9 | 14.4 | 14.2 | 15.1 | 16.5 | 16.5 | 16.1 |
| 87.5° | 11.9 | 12.0 | 11.4 | 10.6 | 9.7 | 8.8 | 7.8 | 7.5 | 6.8 | 7.1 | 6.4 |
| 90° | 27.9 | 29.0 | 25.6 | 22.1 | 18.6 | 15.1 | 12.8 | 10.5 | 7.0 | 4.6 | 2.3 |
| 92.5° | 134.8 | 178.7 | 196.6 | 147.6 | 97.6 | 67.2 | 50.0 | 40.2 | 31.1 | 21.4 | 14.4 |
| 95° | 558.8 | 689.0 | 613.5 | 422.9 | 249.8 | 151.0 | 105.7 | 75.5 | 55.8 | 43.0 | 39.5 |
| 97.5° | 1142.3 | 1067.7 | 781.7 | 464.0 | 268.9 | 174.5 | 125.5 | 95.7 | 78.5 | 68.5 | 67.4 |
| 100° | 1329.2 | 1100.3 | 743.6 | 438.0 | 266.1 | 184.7 | 139.4 | 111.5 | 95.3 | 87.1 | 86.0 |
| 102.5° | 1338.4 | 1039.9 | 687.8 | 415.7 | 269.8 | 196.8 | 155.2 | 130.1 | 114.8 | 107.6 | 105.5 |
| 105° | 1267.6 | 934.1 | 619.3 | 399.7 | 280.0 | 217.3 | 181.2 | 159.2 | 145.2 | 138.3 | 134.8 |
| 107.5° | 1143.5 | 840.7 | 575.6 | 398.5 | 299.1 | 244.0 | 210.5 | 189.8 | 176.1 | 169.4 | 165.9 |
| 110° | 1065.4 | 787.7 | 558.8 | 403.2 | 314.9 | 262.6 | 230.0 | 210.3 | 197.5 | 191.7 | 188.2 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 997.6 | 752.4 | 549.6 | 412.5 | 330.7 | 282.1 | 250.5 | 230.7 | 218.0 | 212.2 | 208.7 |
| 115° | 915.5 | 714.5 | 546.1 | 427.6 | 356.7 | 312.5 | 281.2 | 261.4 | 249.8 | 242.8 | 238.2 |
| 117.5° | 866.0 | 692.2 | 548.2 | 447.5 | 384.3 | 340.7 | 311.6 | 289.5 | 278.8 | 273.0 | 267.7 |
| 120° | 840.0 | 682.0 | 551.9 | 462.4 | 402.0 | 360.2 | 331.1 | 309.1 | 297.4 | 291.6 | 288.1 |
| 122.5° | 818.6 | 675.5 | 558.4 | 476.4 | 420.6 | 379.7 | 348.8 | 327.6 | 315.1 | 309.3 | 305.8 |
| 125° | 791.2 | 666.9 | 568.1 | 498.4 | 447.3 | 406.6 | 375.3 | 353.2 | 340.4 | 333.5 | 331.1 |
| 127.5° | 767.1 | 662.7 | 579.3 | 516.6 | 470.5 | 431.3 | 399.9 | 375.5 | 362.5 | 353.9 | 350.4 |
| 130° | 754.0 | 659.9 | 586.7 | 528.6 | 484.5 | 446.1 | 414.8 | 390.4 | 376.4 | 366.0 | 362.5 |
| 132.5° | 742.0 | 659.0 | 592.3 | 539.8 | 496.6 | 459.2 | 428.7 | 404.3 | 387.6 | 376.2 | 371.8 |
| 135° | 726.2 | 657.6 | 600.7 | 554.2 | 514.7 | 478.7 | 447.3 | 422.9 | 405.5 | 392.7 | 388.1 |
| 137.5° | 712.4 | 655.0 | 606.3 | 564.9 | 527.2 | 492.6 | 463.6 | 439.4 | 420.8 | 408.3 | 403.4 |
| 140° | 704.1 | 654.1 | 610.0 | 570.5 | 535.6 | 501.9 | 472.9 | 449.6 | 431.0 | 419.4 | 413.6 |
| 142.5° | 696.6 | 652.3 | 612.8 | 576.0 | 542.1 | 509.4 | 482.2 | 458.9 | 442.2 | 429.7 | 424.8 |
| 145° | 686.7 | 649.5 | 614.6 | 582.1 | 550.7 | 520.5 | 493.8 | 474.0 | 456.6 | 446.1 | 442.7 |
| 147.5° | 676.9 | 645.1 | 614.6 | 585.8 | 557.7 | 530.0 | 507.3 | 488.2 | 473.1 | 462.9 | 460.8 |
| 150° | 670.4 | 641.3 | 614.6 | 586.7 | 562.3 | 535.6 | 514.7 | 498.4 | 483.3 | 474.0 | 472.9 |
| 152.5° | 663.0 | 636.7 | 611.8 | 588.6 | 565.1 | 542.1 | 522.1 | 507.7 | 494.5 | 485.2 | 485.0 |
| 155° | 651.8 | 628.6 | 608.8 | 589.1 | 570.5 | 550.7 | 534.4 | 521.7 | 510.1 | 503.1 | 503.1 |
| 157.5° | 639.2 | 621.4 | 604.9 | 590.2 | 573.5 | 557.7 | 545.1 | 534.2 | 524.0 | 518.4 | 517.5 |
| 160° | 630.9 | 615.8 | 603.0 | 590.2 | 576.3 | 562.3 | 550.7 | 542.6 | 533.3 | 528.6 | 528.6 |
| 162.5° | 622.5 | 610.2 | 599.3 | 589.3 | 577.2 | 565.1 | 555.4 | 548.2 | 540.7 | 537.0 | 537.0 |
| 165° | 611.1 | 601.8 | 593.7 | 586.7 | 578.6 | 569.3 | 561.2 | 556.5 | 550.7 | 548.4 | 549.6 |
| 167.5° | 600.2 | 593.5 | 588.1 | 584.9 | 578.4 | 571.6 | 566.5 | 563.3 | 558.8 | 557.7 | 559.1 |
| 170° | 593.7 | 587.9 | 584.4 | 582.1 | 577.4 | 571.6 | 569.3 | 567.0 | 563.5 | 562.3 | 564.7 |
| 172.5° | 587.2 | 583.2 | 581.6 | 581.2 | 577.4 | 572.6 | 571.2 | 569.8 | 567.2 | 567.0 | 568.4 |
| 175° | 579.8 | 577.4 | 577.4 | 578.6 | 576.3 | 574.0 | 572.8 | 572.8 | 570.5 | 571.6 | 572.8 |
| 177.5° | 574.9 | 574.0 | 574.9 | 576.7 | 574.9 | 574.0 | 574.0 | 574.0 | 573.0 | 574.0 | 574.9 |
| 180° | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 |
| 2.5° | 547.2 | 549.3 | 551.9 | 555.8 | 558.8 | 561.4 | 561.9 | 562.7 | 564.6 | 567.7 | 570.1 |
| 5° | 550.8 | 556.1 | 564.7 | 573.1 | 582.2 | 589.7 | 596.7 | 601.6 | 606.2 | 616.0 | 623.9 |
| 7.5° | 549.6 | 561.6 | 575.1 | 590.1 | 605.4 | 620.1 | 633.8 | 646.1 | 658.3 | 672.6 | 688.8 |
| 10° | 548.9 | 562.9 | 581.1 | 600.4 | 621.6 | 642.3 | 662.4 | 678.0 | 696.1 | 712.5 | 733.2 |
| 12.5° | 545.4 | 565.5 | 587.2 | 611.9 | 638.0 | 661.9 | 688.3 | 709.8 | 730.6 | 754.2 | 778.3 |
| 15° | 540.7 | 565.2 | 592.7 | 625.5 | 665.2 | 694.0 | 721.1 | 758.6 | 784.2 | 809.8 | 844.3 |
| 17.5° | 532.3 | 562.2 | 596.5 | 639.2 | 672.2 | 711.1 | 751.7 | 781.4 | 815.9 | 852.0 | 883.2 |
| 20° | 525.6 | 560.3 | 598.8 | 640.7 | 682.9 | 725.0 | 764.4 | 799.8 | 835.5 | 877.2 | 902.8 |
| 22.5° | 518.9 | 553.2 | 593.2 | 637.7 | 683.0 | 727.5 | 772.0 | 813.6 | 853.7 | 895.8 | 928.5 |
| 25° | 504.6 | 545.4 | 588.7 | 634.2 | 678.9 | 727.8 | 780.9 | 827.3 | 876.9 | 920.3 | 951.3 |
| 27.5° | 490.2 | 527.6 | 570.7 | 616.8 | 666.5 | 724.3 | 786.8 | 839.5 | 889.2 | 920.3 | 930.0 |
| 30° | 477.1 | 516.7 | 556.4 | 603.2 | 657.0 | 721.5 | 787.9 | 848.3 | 889.0 | 902.6 | 892.5 |
| 32.5° | 463.9 | 499.8 | 539.0 | 587.0 | 644.1 | 714.6 | 789.4 | 843.1 | 867.6 | 857.3 | 816.5 |
| 35° | 440.6 | 472.9 | 510.9 | 558.9 | 624.6 | 710.8 | 783.3 | 819.6 | 813.6 | 755.3 | 678.4 |
| 37.5° | 415.6 | 442.0 | 477.1 | 527.3 | 604.4 | 695.7 | 756.8 | 762.2 | 709.7 | 620.3 | 531.5 |
| 40° | 395.8 | 419.6 | 455.7 | 508.1 | 588.7 | 680.8 | 730.2 | 708.5 | 627.2 | 527.7 | 453.6 |
| 42.5° | 376.6 | 396.7 | 431.5 | 488.0 | 573.8 | 660.4 | 690.5 | 643.3 | 549.5 | 455.4 | 388.0 |
| 45° | 344.1 | 363.0 | 397.9 | 455.9 | 543.3 | 621.6 | 617.6 | 535.6 | 441.7 | 366.0 | 310.1 |
| 47.5° | 313.3 | 329.8 | 362.6 | 421.8 | 507.5 | 563.3 | 526.3 | 439.0 | 359.4 | 298.6 | 258.7 |
| 50° | 291.5 | 307.8 | 340.4 | 398.9 | 478.8 | 519.5 | 466.7 | 382.6 | 309.6 | 259.3 | 227.6 |
| 52.5° | 270.6 | 286.5 | 316.3 | 373.3 | 444.1 | 468.5 | 411.7 | 333.7 | 272.9 | 229.5 | 202.3 |
| 55° | 241.4 | 253.5 | 280.3 | 334.8 | 387.7 | 393.3 | 335.7 | 270.5 | 220.4 | 190.1 | 171.5 |
| 57.5° | 211.6 | 222.0 | 248.5 | 291.9 | 329.0 | 326.1 | 271.6 | 215.1 | 181.4 | 158.9 | 145.4 |
| 60° | 192.2 | 202.5 | 225.8 | 263.0 | 291.0 | 281.2 | 231.1 | 185.7 | 156.8 | 140.3 | 129.5 |
| 62.5° | 174.1 | 182.1 | 204.0 | 231.2 | 251.3 | 240.2 | 197.6 | 160.0 | 137.0 | 123.1 | 114.6 |
| 65° | 147.9 | 154.5 | 171.9 | 186.2 | 197.3 | 186.6 | 151.2 | 125.1 | 108.6 | 98.8 | 93.0 |
| 67.5° | 123.1 | 127.2 | 138.2 | 143.4 | 151.3 | 139.5 | 113.7 | 96.2 | 86.8 | 78.6 | 74.5 |
| 70° | 107.4 | 110.4 | 116.3 | 120.5 | 122.5 | 110.4 | 91.3 | 78.5 | 70.6 | 64.8 | 62.2 |
| 72.5° | 91.7 | 94.4 | 95.6 | 99.0 | 97.9 | 86.6 | 73.4 | 63.2 | 57.5 | 53.6 | 50.3 |
| 75° | 70.1 | 71.3 | 70.1 | 68.7 | 65.7 | 57.8 | 48.7 | 43.6 | 39.4 | 37.5 | 36.3 |
| 77.5° | 51.1 | 50.7 | 49.2 | 47.0 | 41.8 | 36.8 | 31.9 | 30.2 | 28.4 | 27.4 | 27.0 |
| 80° | 39.4 | 38.4 | 37.0 | 33.5 | 29.1 | 25.6 | 24.5 | 23.3 | 22.6 | 21.4 | 21.2 |
| 82.5° | 29.3 | 28.7 | 26.4 | 23.5 | 20.4 | 18.7 | 17.8 | 17.3 | 16.6 | 16.0 | 16.0 |
| 85° | 15.6 | 14.9 | 12.3 | 10.7 | 10.3 | 9.8 | 9.6 | 9.6 | 8.6 | 8.4 | 8.4 |
| 87.5° | 6.0 | 5.3 | 5.8 | 5.7 | 6.2 | 6.5 | 7.4 | 7.7 | 8.2 | 8.2 | 8.0 |
| 90° | 4.6 | 7.0 | 10.5 | 12.8 | 15.1 | 18.6 | 22.1 | 25.6 | 29.0 | 27.9 | 29.0 |
| 92.5° | 21.4 | 31.1 | 40.2 | 50.0 | 67.2 | 97.6 | 147.6 | 196.6 | 178.7 | 134.8 | 97.8 |
| 95° | 43.0 | 55.8 | 75.5 | 105.7 | 151.0 | 249.8 | 422.9 | 613.5 | 689.0 | 558.8 | 418.3 |
| 97.5° | 68.5 | 78.5 | 95.7 | 125.5 | 174.5 | 268.9 | 464.0 | 781.7 | 1067.7 | 1142.3 | 1042.6 |
| 100° | 87.1 | 95.3 | 111.5 | 139.4 | 184.7 | 266.1 | 438.0 | 743.6 | 1100.3 | 1329.2 | 1369.8 |
| 102.5° | 107.6 | 114.8 | 130.1 | 155.2 | 196.8 | 269.8 | 415.7 | 687.8 | 1039.9 | 1338.4 | 1478.6 |
| 105° | 138.3 | 145.2 | 159.2 | 181.2 | 217.3 | 280.0 | 399.7 | 619.3 | 934.1 | 1267.6 | 1510.4 |
| 107.5° | 169.4 | 176.1 | 189.8 | 210.5 | 244.0 | 299.1 | 398.5 | 575.6 | 840.7 | 1143.5 | 1418.8 |
| 110° | 191.7 | 197.5 | 210.3 | 230.0 | 262.6 | 314.9 | 403.2 | 558.8 | 787.7 | 1065.4 | 1331.5 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 212.2 | 218.0 | 230.7 | 250.5 | 282.1 | 330.7 | 412.5 | 549.6 | 752.4 | 997.6 | 1245.0 |
| 115° | 242.8 | 249.8 | 261.4 | 281.2 | 312.5 | 356.7 | 427.6 | 546.1 | 714.5 | 915.5 | 1130.5 |
| 117.5° | 273.0 | 278.8 | 289.5 | 311.6 | 340.7 | 384.3 | 447.5 | 548.2 | 692.2 | 866.0 | 1047.5 |
| 120° | 291.6 | 297.4 | 309.1 | 331.1 | 360.2 | 402.0 | 462.4 | 551.9 | 682.0 | 840.0 | 1003.8 |
| 122.5° | 309.3 | 315.1 | 327.6 | 348.8 | 379.7 | 420.6 | 476.4 | 558.4 | 675.5 | 818.6 | 969.4 |
| 125° | 333.5 | 340.4 | 353.2 | 375.3 | 406.6 | 447.3 | 498.4 | 568.1 | 666.9 | 791.2 | 923.7 |
| 127.5° | 353.9 | 362.5 | 375.5 | 399.9 | 431.3 | 470.5 | 516.6 | 579.3 | 662.7 | 767.1 | 883.7 |
| 130° | 366.0 | 376.4 | 390.4 | 414.8 | 446.1 | 484.5 | 528.6 | 586.7 | 659.9 | 754.0 | 858.6 |
| 132.5° | 376.2 | 387.6 | 404.3 | 428.7 | 459.2 | 496.6 | 539.8 | 592.3 | 659.0 | 742.0 | 835.4 |
| 135° | 392.7 | 405.5 | 422.9 | 447.3 | 478.7 | 514.7 | 554.2 | 600.7 | 657.6 | 726.2 | 804.0 |
| 137.5° | 408.3 | 420.8 | 439.4 | 463.6 | 492.6 | 527.2 | 564.9 | 606.3 | 655.0 | 712.4 | 775.4 |
| 140° | 419.4 | 431.0 | 449.6 | 472.9 | 501.9 | 535.6 | 570.5 | 610.0 | 654.1 | 704.1 | 758.7 |
| 142.5° | 429.7 | 442.2 | 458.9 | 482.2 | 509.4 | 542.1 | 576.0 | 612.8 | 652.3 | 696.6 | 742.9 |
| 145° | 446.1 | 456.6 | 474.0 | 493.8 | 520.5 | 550.7 | 582.1 | 614.6 | 649.5 | 686.7 | 723.8 |
| 147.5° | 462.9 | 473.1 | 488.2 | 507.3 | 530.0 | 557.7 | 585.8 | 614.6 | 645.1 | 676.9 | 708.3 |
| 150° | 474.0 | 483.3 | 498.4 | 514.7 | 535.6 | 562.3 | 586.7 | 614.6 | 641.3 | 670.4 | 697.1 |
| 152.5° | 485.2 | 494.5 | 507.7 | 522.1 | 542.1 | 565.1 | 588.6 | 611.8 | 636.7 | 663.0 | 686.9 |
| 155° | 503.1 | 510.1 | 521.7 | 534.4 | 550.7 | 570.5 | 589.1 | 608.8 | 628.6 | 651.8 | 671.5 |
| 157.5° | 518.4 | 524.0 | 534.2 | 545.1 | 557.7 | 573.5 | 590.2 | 604.9 | 621.4 | 639.2 | 655.3 |
| 160° | 528.6 | 533.3 | 542.6 | 550.7 | 562.3 | 576.3 | 590.2 | 603.0 | 615.8 | 630.9 | 646.0 |
| 162.5° | 537.0 | 540.7 | 548.2 | 555.4 | 565.1 | 577.2 | 589.3 | 599.3 | 610.2 | 622.5 | 634.8 |
| 165° | 548.4 | 550.7 | 556.5 | 561.2 | 569.3 | 578.6 | 586.7 | 593.7 | 601.8 | 611.1 | 620.4 |
| 167.5° | 557.7 | 558.8 | 563.3 | 566.5 | 571.6 | 578.4 | 584.9 | 588.1 | 593.5 | 600.2 | 607.9 |
| 170° | 562.3 | 563.5 | 567.0 | 569.3 | 571.6 | 577.4 | 582.1 | 584.4 | 587.9 | 593.7 | 599.5 |
| 172.5° | 567.0 | 567.2 | 569.8 | 571.2 | 572.6 | 577.4 | 581.2 | 581.6 | 583.2 | 587.2 | 592.1 |
| 175° | 571.6 | 570.5 | 572.8 | 572.8 | 574.0 | 576.3 | 578.6 | 577.4 | 577.4 | 579.8 | 582.1 |
| 177.5° | 574.0 | 573.0 | 574.0 | 574.0 | 574.0 | 574.9 | 576.7 | 574.9 | 574.0 | 574.9 | 575.8 |
| 180° | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 | 544.2 |
| 2.5° | 574.1 | 574.1 | 574.8 | 577.6 | 578.0 | 580.4 | 579.7 |
| 5° | 630.9 | 635.3 | 637.0 | 644.0 | 648.1 | 650.0 | 646.3 |
| 7.5° | 700.4 | 712.9 | 718.8 | 726.2 | 732.6 | 734.6 | 729.5 |
| 10° | 751.1 | 764.2 | 775.1 | 781.9 | 788.2 | 792.4 | 797.7 |
| 12.5° | 800.1 | 816.2 | 826.6 | 836.1 | 842.6 | 847.9 | 848.8 |
| 15° | 853.4 | 877.6 | 896.0 | 909.6 | 916.3 | 919.8 | 918.4 |
| 17.5° | 907.1 | 929.6 | 942.7 | 956.5 | 965.8 | 966.3 | 966.6 |
| 20° | 937.5 | 959.4 | 974.6 | 984.8 | 995.3 | 994.8 | 997.2 |
| 22.5° | 957.8 | 975.1 | 986.7 | 994.1 | 997.7 | 995.9 | 996.4 |
| 25° | 967.3 | 972.5 | 970.4 | 958.5 | 955.4 | 944.5 | 946.4 |
| 27.5° | 918.3 | 894.1 | 869.0 | 836.8 | 811.3 | 791.0 | 792.0 |
| 30° | 851.8 | 808.9 | 760.0 | 719.0 | 682.2 | 671.9 | 650.0 |
| 32.5° | 758.8 | 694.5 | 637.2 | 598.9 | 567.4 | 558.8 | 539.7 |
| 35° | 601.1 | 538.6 | 479.7 | 444.3 | 430.3 | 410.7 | 410.5 |
| 37.5° | 467.2 | 412.2 | 381.1 | 354.5 | 340.6 | 328.7 | 327.6 |
| 40° | 393.0 | 350.2 | 326.6 | 307.5 | 293.8 | 284.9 | 282.8 |
| 42.5° | 341.2 | 306.6 | 284.5 | 272.7 | 262.1 | 257.5 | 254.1 |
| 45° | 278.6 | 255.3 | 240.0 | 229.3 | 224.4 | 220.9 | 219.0 |
| 47.5° | 233.1 | 217.5 | 207.0 | 199.8 | 195.9 | 192.2 | 193.2 |
| 50° | 208.3 | 195.5 | 187.8 | 181.0 | 178.0 | 175.4 | 175.7 |
| 52.5° | 188.3 | 176.8 | 170.6 | 165.7 | 162.0 | 160.1 | 159.3 |
| 55° | 159.8 | 152.6 | 146.3 | 142.8 | 140.7 | 138.2 | 137.5 |
| 57.5° | 136.3 | 130.7 | 125.6 | 121.7 | 121.1 | 118.7 | 119.0 |
| 60° | 120.7 | 116.0 | 111.8 | 109.7 | 108.1 | 106.0 | 106.7 |
| 62.5° | 107.8 | 103.9 | 100.1 | 98.4 | 96.7 | 95.2 | 95.5 |
| 65° | 88.3 | 84.6 | 82.2 | 81.3 | 80.6 | 79.9 | 79.2 |
| 67.5° | 70.4 | 68.1 | 66.6 | 64.6 | 63.2 | 63.0 | 62.3 |
| 70° | 59.2 | 56.1 | 53.6 | 51.0 | 50.3 | 50.1 | 50.3 |
| 72.5° | 47.4 | 45.5 | 44.8 | 43.6 | 43.4 | 42.8 | 43.2 |
| 75° | 35.6 | 34.9 | 34.5 | 33.5 | 33.5 | 33.5 | 33.5 |
| 77.5° | 26.3 | 25.9 | 25.6 | 25.4 | 25.2 | 24.8 | 24.8 |
| 80° | 20.5 | 20.3 | 19.8 | 19.8 | 19.6 | 19.8 | 19.6 |
| 82.5° | 15.5 | 15.4 | 15.0 | 15.0 | 14.7 | 14.6 | 14.7 |
| 85° | 7.9 | 7.7 | 8.2 | 7.7 | 7.9 | 7.5 | 7.9 |
| 87.5° | 8.3 | 8.5 | 8.8 | 8.6 | 8.6 | 9.2 | 8.6 |
| 90° | 30.2 | 31.4 | 33.7 | 32.5 | 33.7 | 34.9 | 33.7 |
| 92.5° | 77.6 | 68.5 | 62.5 | 60.4 | 56.9 | 58.1 | 56.0 |
| 95° | 283.5 | 221.9 | 180.1 | 158.0 | 147.6 | 139.4 | 134.8 |
| 97.5° | 835.1 | 685.3 | 546.3 | 460.6 | 408.3 | 376.9 | 366.9 |
| 100° | 1275.7 | 1139.8 | 974.8 | 857.4 | 772.6 | 727.3 | 728.5 |
| 102.5° | 1475.5 | 1396.3 | 1291.7 | 1200.4 | 1133.3 | 1095.4 | 1068.7 |
| 105° | 1626.6 | 1648.7 | 1618.5 | 1565.0 | 1520.9 | 1483.7 | 1477.9 |
| 107.5° | 1607.5 | 1709.3 | 1750.7 | 1751.6 | 1736.7 | 1724.2 | 1713.5 |
| 110° | 1545.3 | 1691.7 | 1773.0 | 1805.5 | 1814.8 | 1812.5 | 1810.2 |



TEST NUMBER: P332266

CATALOG NUMBER: S123RDIP-S340D1195U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1463.5 | 1627.5 | 1732.1 | 1791.6 | 1820.4 | 1829.2 | 1829.7 |
| 115° | 1332.6 | 1503.4 | 1630.1 | 1717.2 | 1768.3 | 1791.6 | 1797.4 |
| 117.5° | 1222.0 | 1375.4 | 1503.9 | 1594.8 | 1653.3 | 1686.8 | 1694.7 |
| 120° | 1160.7 | 1300.1 | 1417.5 | 1509.2 | 1574.3 | 1602.2 | 1609.2 |
| 122.5° | 1111.4 | 1240.6 | 1349.6 | 1431.2 | 1489.7 | 1520.4 | 1529.2 |
| 125° | 1050.3 | 1161.8 | 1254.8 | 1329.2 | 1380.3 | 1409.3 | 1417.5 |
| 127.5° | 996.6 | 1097.2 | 1181.8 | 1248.1 | 1291.7 | 1318.0 | 1325.4 |
| 130° | 963.2 | 1057.3 | 1136.3 | 1197.9 | 1239.7 | 1264.1 | 1273.4 |
| 132.5° | 931.6 | 1019.2 | 1094.5 | 1152.3 | 1194.1 | 1215.8 | 1222.3 |
| 135° | 886.5 | 962.0 | 1028.2 | 1085.2 | 1120.0 | 1140.9 | 1149.1 |
| 137.5° | 843.0 | 908.1 | 965.5 | 1013.4 | 1048.7 | 1066.3 | 1071.7 |
| 140° | 817.9 | 873.7 | 923.7 | 967.8 | 1000.4 | 1018.9 | 1017.8 |
| 142.5° | 793.8 | 842.1 | 885.6 | 923.2 | 952.0 | 968.7 | 967.6 |
| 145° | 762.2 | 799.4 | 833.0 | 862.1 | 886.5 | 895.8 | 898.1 |
| 147.5° | 738.7 | 768.7 | 792.6 | 814.7 | 831.2 | 840.0 | 840.9 |
| 150° | 723.8 | 748.2 | 770.3 | 787.7 | 800.5 | 807.5 | 807.5 |
| 152.5° | 709.9 | 731.5 | 749.9 | 763.6 | 775.4 | 779.6 | 779.6 |
| 155° | 690.1 | 707.6 | 721.5 | 732.0 | 741.3 | 743.6 | 744.7 |
| 157.5° | 670.9 | 684.3 | 695.2 | 704.3 | 711.3 | 713.1 | 712.9 |
| 160° | 658.8 | 670.4 | 678.5 | 686.7 | 693.6 | 693.6 | 692.5 |
| 162.5° | 645.8 | 656.4 | 663.6 | 669.0 | 675.0 | 675.0 | 673.9 |
| 165° | 627.4 | 635.5 | 641.3 | 646.0 | 650.6 | 649.5 | 649.5 |
| 167.5° | 613.2 | 617.9 | 622.1 | 624.1 | 627.4 | 626.2 | 626.2 |
| 170° | 603.0 | 607.6 | 610.0 | 611.1 | 613.5 | 612.3 | 612.3 |
| 172.5° | 594.6 | 598.4 | 599.7 | 600.0 | 602.3 | 600.2 | 599.3 |
| 175° | 583.2 | 585.6 | 585.6 | 585.6 | 586.7 | 585.6 | 584.4 |
| 177.5° | 576.7 | 577.7 | 577.7 | 576.7 | 577.7 | 575.8 | 575.8 |
| 180° | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 | 574.0 |

(END OF REPORT)