

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: P332406-840

Luminaire Tested: **S123RDIW-S340D1535U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332406-840
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123RDIW-S340D1535U840-4F0-1E-UDD-A
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 340 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 1535 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7571.1 lumens
Efficiency: N/A
Efficacy: 141.8 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

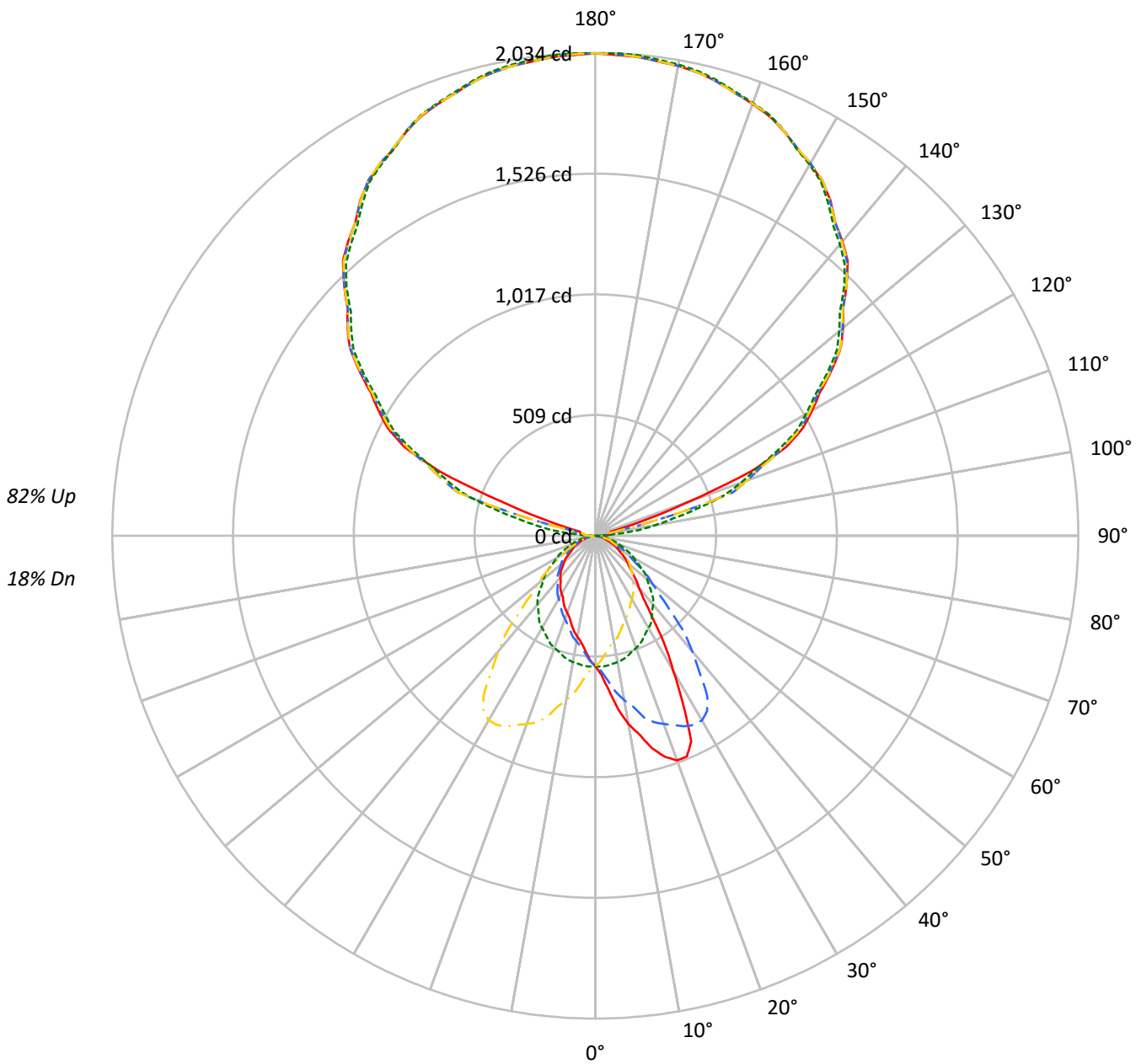
Input Watts (W): 53.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270° - · - · 135°-315°



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 100 | 100 | 100 | 100 | 88 | 88 | 88 | 88 | 66 | 66 | 66 | 45 | 45 | 45 | 27 | 27 | 27 | 18 | | | | |
| 1 | 91 | 87 | 83 | 80 | 80 | 77 | 74 | 71 | 58 | 56 | 54 | 40 | 39 | 38 | 24 | 23 | 23 | 16 | | | | |
| 2 | 83 | 76 | 70 | 66 | 73 | 67 | 62 | 58 | 51 | 48 | 45 | 35 | 34 | 32 | 21 | 20 | 20 | 13 | | | | |
| 3 | 76 | 67 | 60 | 55 | 66 | 59 | 54 | 49 | 45 | 41 | 38 | 31 | 29 | 27 | 19 | 18 | 17 | 12 | | | | |
| 4 | 69 | 59 | 52 | 46 | 61 | 52 | 46 | 42 | 40 | 36 | 32 | 28 | 25 | 23 | 17 | 16 | 15 | 10 | | | | |
| 5 | 63 | 53 | 45 | 39 | 56 | 47 | 40 | 36 | 36 | 31 | 28 | 25 | 22 | 20 | 15 | 14 | 13 | 9 | | | | |
| 6 | 58 | 47 | 39 | 34 | 51 | 42 | 35 | 31 | 32 | 27 | 24 | 23 | 20 | 18 | 14 | 13 | 11 | 8 | | | | |
| 7 | 54 | 42 | 35 | 30 | 47 | 38 | 31 | 27 | 29 | 24 | 21 | 21 | 18 | 16 | 13 | 11 | 10 | 7 | | | | |
| 8 | 50 | 38 | 31 | 26 | 44 | 34 | 28 | 24 | 26 | 22 | 19 | 19 | 16 | 14 | 12 | 10 | 9 | 6 | | | | |
| 9 | 46 | 35 | 28 | 23 | 41 | 31 | 25 | 21 | 24 | 20 | 17 | 17 | 14 | 12 | 11 | 9 | 8 | 6 | | | | |
| 10 | 43 | 32 | 25 | 20 | 38 | 28 | 22 | 19 | 22 | 18 | 15 | 16 | 13 | 11 | 10 | 9 | 7 | 5 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 5916 | 5916 | 5916 | 5916 |
| 5° | 7052 | 5942 | 5232 | 5942 |
| 10° | 8805 | 5908 | 4726 | 5908 |
| 15° | 10336 | 5846 | 4310 | 5846 |
| 20° | 11535 | 5756 | 3956 | 5756 |
| 25° | 11351 | 5662 | 3739 | 5662 |
| 30° | 8158 | 5574 | 3515 | 5574 |
| 35° | 5447 | 5460 | 3369 | 5460 |
| 40° | 4013 | 5323 | 3219 | 5323 |
| 45° | 3367 | 5083 | 3073 | 5083 |
| 50° | 2971 | 4767 | 2869 | 4767 |
| 55° | 2607 | 4406 | 2586 | 4406 |
| 60° | 2321 | 4060 | 2370 | 4060 |
| 65° | 2038 | 3691 | 2203 | 3691 |
| 70° | 1599 | 3361 | 2014 | 3361 |
| 75° | 1406 | 2936 | 1838 | 2936 |
| 80° | 1227 | 2492 | 1810 | 2492 |
| 85° | 988 | 2013 | 1927 | 2013 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 54.0 | 0.7 |
| 10°-20° | 168.9 | 2.2 |
| 20°-30° | 265.3 | 3.5 |
| 30°-40° | 276.8 | 3.7 |
| 40°-50° | 236.9 | 3.1 |
| 50°-60° | 180.5 | 2.4 |
| 60°-70° | 115.7 | 1.5 |
| 70°-80° | 55.7 | 0.7 |
| 80°-90° | 20.4 | 0.3 |
| 90°-100° | 73.9 | 1.0 |
| 100°-110° | 352.1 | 4.7 |
| 110°-120° | 845.8 | 11.2 |
| 120°-130° | 1077.0 | 14.2 |
| 130°-140° | 1150.8 | 15.2 |
| 140°-150° | 1076.1 | 14.2 |
| 150°-160° | 868.0 | 11.5 |
| 160°-170° | 560.2 | 7.4 |
| 170°-180° | 193.1 | 2.6 |
| 0°-30° | 488.2 | 6.4 |
| 0°-40° | 764.9 | 10.1 |
| 0°-60° | 1182.3 | 15.6 |
| 0°-90° | 1374.1 | 18.1 |
| 90°-120° | 1271.8 | 16.8 |
| 90°-150° | 4575.6 | 60.4 |
| 90°-180° | 6197.0 | 81.9 |
| 0°-180° | 7571.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 550 | 550 | 550 | 550 | 550 | |
| 5° | 653 | 550 | 484 | 550 | 653 | 67 |
| 15° | 928 | 525 | 387 | 525 | 928 | 263 |
| 25° | 956 | 477 | 315 | 477 | 956 | 411 |
| 35° | 414 | 416 | 256 | 416 | 414 | 272 |
| 45° | 221 | 334 | 202 | 334 | 221 | 174 |
| 55° | 139 | 235 | 138 | 235 | 139 | 126 |
| 65° | 80 | 145 | 86 | 145 | 80 | 79 |
| 75° | 34 | 71 | 44 | 71 | 34 | 36 |
| 85° | 8 | 16 | 16 | 16 | 8 | 10 |
| 90° | 45 | 2 | 45 | 2 | 45 | 21 |
| 95° | 57 | 92 | 57 | 92 | 57 | 48 |
| 105° | 66 | 450 | 66 | 450 | 66 | 152 |
| 115° | 888 | 844 | 888 | 844 | 888 | 820 |
| 125° | 1214 | 1190 | 1214 | 1190 | 1214 | 1084 |
| 135° | 1496 | 1481 | 1496 | 1481 | 1496 | 1154 |
| 145° | 1726 | 1709 | 1726 | 1709 | 1726 | 1077 |
| 155° | 1880 | 1883 | 1880 | 1883 | 1880 | 867 |
| 165° | 1981 | 1985 | 1981 | 1985 | 1981 | 559 |
| 175° | 2025 | 2032 | 2025 | 2032 | 2025 | 193 |
| 180° | 2032 | 2032 | 2032 | 2032 | 2032 | |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5° | 585.4 | 586.1 | 583.7 | 583.3 | 580.5 | 579.8 | 579.8 | 575.7 | 573.3 | 570.2 | 568.3 |
| 5° | 652.7 | 656.4 | 654.5 | 650.4 | 643.3 | 641.6 | 637.1 | 630.1 | 622.1 | 612.2 | 607.5 |
| 7.5° | 736.7 | 741.8 | 739.8 | 733.4 | 725.9 | 719.9 | 707.3 | 695.6 | 679.2 | 664.8 | 652.5 |
| 10° | 805.6 | 800.2 | 796.0 | 789.6 | 782.7 | 771.7 | 758.5 | 740.4 | 719.5 | 703.0 | 684.7 |
| 12.5° | 857.2 | 856.3 | 850.9 | 844.3 | 834.8 | 824.3 | 808.0 | 786.0 | 761.6 | 737.8 | 716.8 |
| 15° | 927.5 | 928.9 | 925.3 | 918.6 | 904.8 | 886.3 | 861.8 | 852.6 | 817.8 | 791.9 | 766.1 |
| 17.5° | 976.1 | 975.8 | 975.3 | 965.9 | 952.0 | 938.8 | 916.0 | 891.9 | 860.4 | 823.9 | 789.1 |
| 20° | 1007.0 | 1004.6 | 1005.1 | 994.5 | 984.2 | 968.9 | 946.7 | 911.7 | 885.9 | 843.7 | 807.7 |
| 22.5° | 1006.2 | 1005.7 | 1007.5 | 1003.9 | 996.4 | 984.7 | 967.2 | 937.7 | 904.6 | 862.1 | 821.6 |
| 25° | 955.7 | 953.8 | 964.8 | 968.0 | 980.0 | 982.1 | 976.8 | 960.7 | 929.4 | 885.6 | 835.5 |
| 27.5° | 799.8 | 798.8 | 819.3 | 845.1 | 877.6 | 902.9 | 927.4 | 939.2 | 929.4 | 898.0 | 847.8 |
| 30° | 656.4 | 678.5 | 688.9 | 726.1 | 767.5 | 816.9 | 860.2 | 901.3 | 911.5 | 897.8 | 856.7 |
| 32.5° | 545.0 | 564.3 | 573.0 | 604.8 | 643.5 | 701.4 | 766.3 | 824.6 | 865.8 | 876.2 | 851.4 |
| 35° | 414.5 | 414.8 | 434.5 | 448.7 | 484.4 | 543.9 | 607.0 | 685.1 | 762.8 | 821.6 | 827.7 |
| 37.5° | 330.8 | 331.9 | 344.0 | 358.0 | 384.9 | 416.3 | 471.8 | 536.7 | 626.4 | 716.7 | 769.7 |
| 40° | 285.6 | 287.7 | 296.7 | 310.5 | 329.8 | 353.7 | 396.9 | 458.1 | 532.9 | 633.4 | 715.5 |
| 42.5° | 256.6 | 260.0 | 264.7 | 275.4 | 287.3 | 309.6 | 344.6 | 391.8 | 459.9 | 554.9 | 649.6 |
| 45° | 221.2 | 223.1 | 226.6 | 231.6 | 242.4 | 257.8 | 281.3 | 313.2 | 369.6 | 446.1 | 540.9 |
| 47.5° | 195.1 | 194.1 | 197.8 | 201.8 | 209.0 | 219.6 | 235.4 | 261.3 | 301.5 | 362.9 | 443.3 |
| 50° | 177.4 | 177.1 | 179.8 | 182.8 | 189.7 | 197.4 | 210.4 | 229.8 | 261.9 | 312.7 | 386.4 |
| 52.5° | 160.9 | 161.7 | 163.6 | 167.3 | 172.3 | 178.5 | 190.2 | 204.3 | 231.8 | 275.6 | 337.0 |
| 55° | 138.9 | 139.6 | 142.1 | 144.2 | 147.7 | 154.1 | 161.4 | 173.2 | 192.0 | 222.6 | 273.2 |
| 57.5° | 120.2 | 119.9 | 122.3 | 122.9 | 126.8 | 132.0 | 137.6 | 146.8 | 160.5 | 183.2 | 217.2 |
| 60° | 107.8 | 107.0 | 109.2 | 110.8 | 112.9 | 117.1 | 121.9 | 130.8 | 141.7 | 158.3 | 187.5 |
| 62.5° | 96.4 | 96.1 | 97.7 | 99.4 | 101.1 | 104.9 | 108.9 | 115.7 | 124.3 | 138.4 | 161.6 |
| 65° | 80.0 | 80.7 | 81.4 | 82.1 | 83.0 | 85.4 | 89.2 | 93.9 | 99.8 | 109.7 | 126.3 |
| 67.5° | 62.9 | 63.6 | 63.8 | 65.2 | 67.3 | 68.8 | 71.1 | 75.2 | 79.4 | 87.7 | 97.1 |
| 70° | 50.8 | 50.6 | 50.8 | 51.5 | 54.1 | 56.7 | 59.8 | 62.8 | 65.4 | 71.3 | 79.3 |
| 72.5° | 43.6 | 43.2 | 43.8 | 44.0 | 45.2 | 45.9 | 47.9 | 50.8 | 54.1 | 58.1 | 63.8 |
| 75° | 33.8 | 33.8 | 33.8 | 33.8 | 34.8 | 35.2 | 36.0 | 36.7 | 37.9 | 39.8 | 44.0 |
| 77.5° | 25.0 | 25.0 | 25.4 | 25.7 | 25.9 | 26.2 | 26.6 | 27.3 | 27.7 | 28.7 | 30.5 |
| 80° | 19.8 | 20.0 | 19.8 | 20.0 | 20.0 | 20.5 | 20.7 | 21.4 | 21.6 | 22.8 | 23.5 |
| 82.5° | 14.8 | 14.7 | 14.8 | 15.1 | 15.1 | 15.6 | 15.7 | 16.2 | 16.2 | 16.8 | 17.5 |
| 85° | 8.0 | 7.6 | 8.0 | 7.8 | 8.3 | 7.8 | 8.0 | 8.5 | 8.5 | 8.7 | 9.7 |
| 87.5° | 10.9 | 11.2 | 10.7 | 10.7 | 10.6 | 10.6 | 10.3 | 10.0 | 10.2 | 9.7 | 9.0 |
| 90° | 45.2 | 44.6 | 43.9 | 43.3 | 42.6 | 41.6 | 40.3 | 38.9 | 37.6 | 36.3 | 31.9 |
| 92.5° | 50.1 | 49.7 | 49.3 | 48.9 | 48.5 | 47.3 | 45.1 | 42.9 | 40.8 | 38.7 | 35.3 |
| 95° | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 56.1 | 53.8 | 51.5 | 49.2 | 46.8 | 43.1 |
| 97.5° | 62.2 | 61.9 | 61.5 | 61.2 | 60.9 | 59.4 | 56.7 | 54.0 | 51.3 | 48.6 | 42.8 |
| 100° | 63.4 | 63.1 | 62.7 | 62.4 | 62.1 | 60.6 | 57.9 | 55.1 | 52.5 | 49.8 | 40.2 |
| 102.5° | 64.6 | 64.0 | 63.4 | 62.8 | 62.2 | 66.0 | 74.4 | 82.7 | 91.0 | 99.4 | 156.5 |
| 105° | 66.4 | 65.7 | 65.1 | 64.4 | 63.7 | 93.1 | 152.5 | 211.9 | 271.2 | 330.6 | 360.8 |
| 107.5° | 208.6 | 253.4 | 298.1 | 343.0 | 387.7 | 431.8 | 475.3 | 518.9 | 562.5 | 606.0 | 601.3 |
| 110° | 415.2 | 463.1 | 511.1 | 559.1 | 607.0 | 636.6 | 647.6 | 658.7 | 669.8 | 680.9 | 677.2 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 712.3 | 722.5 | 732.6 | 742.7 | 752.9 | 757.8 | 757.6 | 757.4 | 757.2 | 757.0 | 753.3 |
| 115° | 887.8 | 886.4 | 885.0 | 883.7 | 882.3 | 880.0 | 876.7 | 873.3 | 869.9 | 866.6 | 863.5 |
| 117.5° | 986.1 | 985.9 | 985.6 | 985.3 | 985.1 | 983.6 | 980.9 | 978.3 | 975.5 | 972.9 | 971.3 |
| 120° | 1053.8 | 1053.8 | 1053.8 | 1053.8 | 1053.8 | 1052.5 | 1049.8 | 1047.1 | 1044.4 | 1041.7 | 1040.7 |
| 122.5° | 1120.2 | 1119.9 | 1119.6 | 1119.4 | 1119.1 | 1118.1 | 1116.2 | 1114.3 | 1112.5 | 1110.5 | 1109.2 |
| 125° | 1213.9 | 1213.2 | 1212.4 | 1211.8 | 1211.1 | 1210.4 | 1209.8 | 1209.1 | 1208.5 | 1207.8 | 1206.5 |
| 127.5° | 1303.8 | 1304.4 | 1305.1 | 1305.9 | 1306.5 | 1306.3 | 1305.3 | 1304.1 | 1303.0 | 1302.0 | 1300.4 |
| 130° | 1361.8 | 1362.4 | 1363.1 | 1363.8 | 1364.4 | 1364.1 | 1362.8 | 1361.4 | 1360.1 | 1358.8 | 1357.5 |
| 132.5° | 1414.9 | 1415.8 | 1416.8 | 1417.7 | 1418.7 | 1418.5 | 1417.1 | 1415.8 | 1414.4 | 1413.1 | 1412.0 |
| 135° | 1496.1 | 1497.1 | 1498.1 | 1499.1 | 1500.2 | 1500.2 | 1499.1 | 1498.1 | 1497.1 | 1496.1 | 1494.8 |
| 137.5° | 1572.6 | 1573.2 | 1573.9 | 1574.6 | 1575.2 | 1574.8 | 1573.2 | 1571.6 | 1569.9 | 1568.3 | 1567.6 |
| 140° | 1618.4 | 1619.1 | 1619.8 | 1620.4 | 1621.1 | 1620.7 | 1619.4 | 1618.1 | 1616.8 | 1615.4 | 1614.4 |
| 142.5° | 1660.7 | 1661.6 | 1662.5 | 1663.6 | 1664.5 | 1664.4 | 1663.3 | 1662.2 | 1661.1 | 1660.1 | 1659.1 |
| 145° | 1725.7 | 1725.7 | 1725.7 | 1725.7 | 1725.7 | 1725.3 | 1724.6 | 1723.9 | 1723.2 | 1722.6 | 1721.9 |
| 147.5° | 1773.9 | 1775.4 | 1777.1 | 1778.6 | 1780.1 | 1780.6 | 1779.9 | 1779.2 | 1778.6 | 1777.9 | 1777.2 |
| 150° | 1810.2 | 1811.2 | 1812.2 | 1813.2 | 1814.2 | 1814.3 | 1813.7 | 1813.0 | 1812.3 | 1811.7 | 1811.0 |
| 152.5° | 1839.2 | 1840.7 | 1842.2 | 1843.8 | 1845.3 | 1845.5 | 1844.3 | 1843.1 | 1841.9 | 1840.7 | 1840.3 |
| 155° | 1879.7 | 1881.6 | 1883.6 | 1885.6 | 1887.6 | 1887.8 | 1886.1 | 1884.5 | 1882.8 | 1881.1 | 1880.8 |
| 157.5° | 1913.7 | 1916.3 | 1918.9 | 1921.6 | 1924.2 | 1924.5 | 1922.5 | 1920.5 | 1918.4 | 1916.4 | 1916.8 |
| 160° | 1935.5 | 1937.8 | 1940.2 | 1942.5 | 1944.9 | 1945.0 | 1943.0 | 1941.1 | 1939.0 | 1937.0 | 1937.3 |
| 162.5° | 1956.0 | 1958.1 | 1960.1 | 1962.3 | 1964.3 | 1964.2 | 1962.0 | 1959.6 | 1957.4 | 1955.1 | 1955.4 |
| 165° | 1980.7 | 1983.1 | 1985.5 | 1987.8 | 1990.1 | 1990.0 | 1987.3 | 1984.6 | 1982.0 | 1979.2 | 1979.6 |
| 167.5° | 1998.6 | 2001.2 | 2004.0 | 2006.6 | 2009.3 | 2009.3 | 2006.6 | 2004.0 | 2001.2 | 1998.6 | 1998.6 |
| 170° | 2009.4 | 2012.2 | 2014.8 | 2017.5 | 2020.2 | 2020.2 | 2017.5 | 2014.8 | 2012.2 | 2009.4 | 2009.4 |
| 172.5° | 2015.5 | 2018.4 | 2021.4 | 2024.4 | 2027.3 | 2027.4 | 2024.8 | 2022.1 | 2019.4 | 2016.7 | 2016.4 |
| 175° | 2024.6 | 2027.2 | 2029.9 | 2032.6 | 2035.3 | 2035.5 | 2033.1 | 2030.7 | 2028.4 | 2026.1 | 2025.7 |
| 177.5° | 2027.3 | 2029.9 | 2032.7 | 2035.3 | 2038.0 | 2038.3 | 2036.1 | 2034.0 | 2031.8 | 2029.7 | 2029.4 |
| 180° | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5° | 567.4 | 566.9 | 564.3 | 561.3 | 557.3 | 554.7 | 552.6 | 551.5 | 548.1 | 543.9 | 541.2 |
| 5° | 602.6 | 595.5 | 587.9 | 578.8 | 570.3 | 561.6 | 556.2 | 549.9 | 542.1 | 533.4 | 527.3 |
| 7.5° | 640.1 | 626.2 | 611.4 | 595.9 | 580.8 | 567.1 | 555.0 | 544.7 | 532.4 | 519.9 | 511.2 |
| 10° | 668.9 | 648.6 | 627.7 | 606.3 | 586.8 | 568.5 | 554.3 | 540.5 | 525.6 | 511.3 | 500.4 |
| 12.5° | 695.1 | 668.4 | 644.3 | 617.9 | 593.0 | 571.1 | 550.8 | 534.4 | 516.5 | 501.3 | 489.0 |
| 15° | 728.2 | 700.8 | 671.8 | 631.7 | 598.5 | 570.8 | 546.0 | 524.6 | 503.0 | 484.2 | 472.2 |
| 17.5° | 759.1 | 718.1 | 678.8 | 645.5 | 602.4 | 567.7 | 537.6 | 512.0 | 488.2 | 468.3 | 453.4 |
| 20° | 771.9 | 732.2 | 689.6 | 647.0 | 604.7 | 565.8 | 530.8 | 502.5 | 477.9 | 455.2 | 441.6 |
| 22.5° | 779.6 | 734.7 | 689.7 | 644.0 | 599.1 | 558.7 | 524.0 | 492.9 | 466.2 | 444.7 | 427.9 |
| 25° | 788.6 | 735.0 | 685.6 | 640.5 | 594.5 | 550.8 | 509.6 | 476.7 | 447.8 | 425.0 | 407.1 |
| 27.5° | 794.6 | 731.4 | 673.1 | 622.9 | 576.3 | 532.8 | 495.0 | 460.1 | 430.7 | 406.6 | 387.4 |
| 30° | 795.7 | 728.6 | 663.5 | 609.2 | 561.9 | 521.8 | 481.8 | 448.5 | 417.4 | 391.7 | 373.9 |
| 32.5° | 797.2 | 721.6 | 650.5 | 592.8 | 544.3 | 504.7 | 468.5 | 436.6 | 404.8 | 379.5 | 361.2 |
| 35° | 791.0 | 717.8 | 630.8 | 564.4 | 515.9 | 477.6 | 444.9 | 415.5 | 384.3 | 359.7 | 341.1 |
| 37.5° | 764.3 | 702.6 | 610.4 | 532.5 | 481.8 | 446.4 | 419.7 | 394.0 | 365.4 | 338.9 | 321.4 |
| 40° | 737.4 | 687.5 | 594.5 | 513.1 | 460.2 | 423.7 | 399.7 | 378.8 | 351.0 | 326.3 | 307.5 |
| 42.5° | 697.3 | 666.9 | 579.5 | 492.8 | 435.8 | 400.6 | 380.3 | 360.7 | 336.4 | 311.2 | 293.6 |
| 45° | 623.7 | 627.7 | 548.7 | 460.4 | 401.8 | 366.6 | 347.5 | 333.9 | 312.3 | 291.5 | 273.4 |
| 47.5° | 531.5 | 568.9 | 512.5 | 426.0 | 366.2 | 333.1 | 316.4 | 304.5 | 289.8 | 269.5 | 253.0 |
| 50° | 471.3 | 524.6 | 483.5 | 402.8 | 343.8 | 310.8 | 294.4 | 284.7 | 272.0 | 256.0 | 240.2 |
| 52.5° | 415.8 | 473.1 | 448.5 | 377.0 | 319.4 | 289.3 | 273.3 | 265.3 | 255.2 | 240.1 | 225.9 |
| 55° | 339.0 | 397.2 | 391.5 | 338.1 | 283.1 | 256.0 | 243.8 | 234.8 | 228.0 | 216.7 | 205.4 |
| 57.5° | 274.3 | 329.3 | 332.2 | 294.8 | 251.0 | 224.2 | 213.7 | 206.9 | 202.5 | 194.0 | 183.5 |
| 60° | 233.4 | 284.0 | 293.9 | 265.6 | 228.0 | 204.5 | 194.1 | 188.6 | 185.2 | 178.3 | 170.4 |
| 62.5° | 199.5 | 242.6 | 253.8 | 233.5 | 206.0 | 183.9 | 175.8 | 170.7 | 168.2 | 162.4 | 155.3 |
| 65° | 152.7 | 188.4 | 199.2 | 188.0 | 173.6 | 156.0 | 149.4 | 144.9 | 142.8 | 139.6 | 134.3 |
| 67.5° | 114.8 | 140.9 | 152.8 | 144.8 | 139.6 | 128.5 | 124.3 | 121.9 | 120.0 | 117.8 | 113.4 |
| 70° | 92.2 | 111.5 | 123.7 | 121.7 | 117.4 | 111.5 | 108.5 | 106.8 | 104.9 | 103.0 | 99.3 |
| 72.5° | 74.1 | 87.5 | 98.9 | 100.0 | 96.5 | 95.3 | 92.6 | 91.9 | 90.8 | 88.6 | 86.4 |
| 75° | 49.2 | 58.4 | 66.3 | 69.4 | 70.8 | 72.0 | 70.8 | 70.6 | 70.4 | 68.5 | 67.3 |
| 77.5° | 32.2 | 37.2 | 42.2 | 47.5 | 49.7 | 51.2 | 51.6 | 52.5 | 51.8 | 50.9 | 50.3 |
| 80° | 24.7 | 25.9 | 29.4 | 33.8 | 37.4 | 38.8 | 39.8 | 40.2 | 40.0 | 39.8 | 38.8 |
| 82.5° | 18.0 | 18.9 | 20.6 | 23.7 | 26.7 | 29.0 | 29.6 | 29.5 | 30.0 | 30.2 | 29.4 |
| 85° | 9.7 | 9.9 | 10.4 | 10.8 | 12.4 | 15.0 | 15.8 | 16.3 | 16.7 | 16.7 | 15.2 |
| 87.5° | 8.5 | 7.5 | 7.0 | 6.2 | 6.1 | 5.6 | 6.1 | 6.4 | 7.2 | 7.1 | 7.8 |
| 90° | 27.5 | 23.1 | 18.8 | 14.9 | 11.6 | 8.2 | 4.8 | 1.5 | 4.8 | 8.2 | 11.6 |
| 92.5° | 32.1 | 28.8 | 25.4 | 24.3 | 25.2 | 26.2 | 27.2 | 28.1 | 27.2 | 26.2 | 25.2 |
| 95° | 39.4 | 35.7 | 32.0 | 37.1 | 50.8 | 64.6 | 78.4 | 92.1 | 78.4 | 64.6 | 50.8 |
| 97.5° | 96.9 | 121.1 | 145.2 | 160.4 | 166.5 | 172.8 | 178.9 | 185.1 | 178.9 | 172.8 | 166.5 |
| 100° | 154.5 | 206.8 | 259.1 | 282.0 | 275.3 | 268.5 | 261.9 | 255.2 | 261.9 | 268.5 | 275.3 |
| 102.5° | 213.7 | 270.8 | 328.0 | 354.2 | 349.3 | 344.6 | 339.7 | 334.9 | 339.7 | 344.6 | 349.3 |
| 105° | 391.0 | 421.2 | 451.4 | 464.6 | 461.0 | 457.3 | 453.6 | 449.9 | 453.6 | 457.3 | 461.0 |
| 107.5° | 596.5 | 591.7 | 586.9 | 583.1 | 580.2 | 577.1 | 574.2 | 571.3 | 574.2 | 577.1 | 580.2 |
| 110° | 673.5 | 669.8 | 666.1 | 663.0 | 660.2 | 657.5 | 654.9 | 652.2 | 654.9 | 657.5 | 660.2 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 749.6 | 745.9 | 742.3 | 739.1 | 736.8 | 734.4 | 732.0 | 729.5 | 732.0 | 734.4 | 736.8 |
| 115° | 860.5 | 857.6 | 854.5 | 852.0 | 850.0 | 848.0 | 846.0 | 843.9 | 846.0 | 848.0 | 850.0 |
| 117.5° | 969.8 | 968.3 | 966.7 | 964.7 | 962.2 | 959.7 | 957.3 | 954.7 | 957.3 | 959.7 | 962.2 |
| 120° | 1039.7 | 1038.6 | 1037.7 | 1035.7 | 1032.7 | 1029.7 | 1026.6 | 1023.6 | 1026.6 | 1029.7 | 1032.7 |
| 122.5° | 1108.0 | 1106.7 | 1105.5 | 1103.6 | 1101.1 | 1098.6 | 1096.1 | 1093.7 | 1096.1 | 1098.6 | 1101.1 |
| 125° | 1205.1 | 1203.8 | 1202.4 | 1200.4 | 1197.7 | 1195.1 | 1192.3 | 1189.6 | 1192.3 | 1195.1 | 1197.7 |
| 127.5° | 1298.8 | 1297.2 | 1295.6 | 1293.4 | 1290.7 | 1288.1 | 1285.4 | 1282.6 | 1285.4 | 1288.1 | 1290.7 |
| 130° | 1356.0 | 1354.7 | 1353.4 | 1351.4 | 1348.7 | 1346.0 | 1343.3 | 1340.6 | 1343.3 | 1346.0 | 1348.7 |
| 132.5° | 1411.0 | 1409.9 | 1408.9 | 1406.9 | 1404.2 | 1401.6 | 1398.9 | 1396.2 | 1398.9 | 1401.6 | 1404.2 |
| 135° | 1493.5 | 1492.1 | 1490.8 | 1489.1 | 1487.1 | 1485.1 | 1483.1 | 1481.1 | 1483.1 | 1485.1 | 1487.1 |
| 137.5° | 1566.8 | 1566.1 | 1565.4 | 1563.7 | 1561.2 | 1558.6 | 1556.1 | 1553.5 | 1556.1 | 1558.6 | 1561.2 |
| 140° | 1613.4 | 1612.4 | 1611.3 | 1609.9 | 1607.9 | 1605.9 | 1603.9 | 1601.8 | 1603.9 | 1605.9 | 1607.9 |
| 142.5° | 1658.1 | 1657.1 | 1656.1 | 1654.6 | 1652.5 | 1650.5 | 1648.5 | 1646.5 | 1648.5 | 1650.5 | 1652.5 |
| 145° | 1721.2 | 1720.6 | 1719.9 | 1718.4 | 1716.1 | 1713.7 | 1711.3 | 1709.0 | 1711.3 | 1713.7 | 1716.1 |
| 147.5° | 1776.6 | 1775.8 | 1775.1 | 1774.0 | 1772.5 | 1771.0 | 1769.5 | 1767.9 | 1769.5 | 1771.0 | 1772.5 |
| 150° | 1810.4 | 1809.7 | 1809.0 | 1808.2 | 1807.2 | 1806.1 | 1805.1 | 1804.1 | 1805.1 | 1806.1 | 1807.2 |
| 152.5° | 1839.9 | 1839.5 | 1839.1 | 1838.7 | 1838.2 | 1837.7 | 1837.2 | 1836.7 | 1837.2 | 1837.7 | 1838.2 |
| 155° | 1880.5 | 1880.2 | 1879.8 | 1880.0 | 1880.7 | 1881.3 | 1882.0 | 1882.6 | 1882.0 | 1881.3 | 1880.7 |
| 157.5° | 1917.1 | 1917.4 | 1917.8 | 1918.0 | 1918.0 | 1918.1 | 1918.2 | 1918.2 | 1918.2 | 1918.1 | 1918.0 |
| 160° | 1937.6 | 1938.0 | 1938.3 | 1938.6 | 1939.0 | 1939.3 | 1939.6 | 1940.1 | 1939.6 | 1939.3 | 1939.0 |
| 162.5° | 1955.8 | 1956.1 | 1956.4 | 1957.0 | 1957.9 | 1958.8 | 1959.6 | 1960.6 | 1959.6 | 1958.8 | 1957.9 |
| 165° | 1979.9 | 1980.2 | 1980.6 | 1981.3 | 1982.3 | 1983.3 | 1984.3 | 1985.3 | 1984.3 | 1983.3 | 1982.3 |
| 167.5° | 1998.6 | 1998.6 | 1998.6 | 1999.2 | 2000.6 | 2002.0 | 2003.3 | 2004.6 | 2003.3 | 2002.0 | 2000.6 |
| 170° | 2009.4 | 2009.4 | 2009.4 | 2010.1 | 2011.4 | 2012.8 | 2014.2 | 2015.5 | 2014.2 | 2012.8 | 2011.4 |
| 172.5° | 2016.2 | 2015.9 | 2015.6 | 2016.3 | 2017.9 | 2019.5 | 2021.1 | 2022.8 | 2021.1 | 2019.5 | 2017.9 |
| 175° | 2025.4 | 2025.1 | 2024.7 | 2025.4 | 2027.1 | 2028.7 | 2030.4 | 2032.1 | 2030.4 | 2028.7 | 2027.1 |
| 177.5° | 2029.1 | 2028.9 | 2028.6 | 2029.1 | 2030.5 | 2031.8 | 2033.2 | 2034.5 | 2033.2 | 2031.8 | 2030.5 |
| 180° | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5° | 540.2 | 537.8 | 536.0 | 532.3 | 529.9 | 527.3 | 524.6 | 526.2 | 526.0 | 525.9 | 525.9 |
| 5° | 522.1 | 516.6 | 511.7 | 505.3 | 501.4 | 496.4 | 492.7 | 492.2 | 493.1 | 489.9 | 488.0 |
| 7.5° | 504.1 | 496.8 | 489.7 | 482.7 | 475.2 | 469.3 | 465.6 | 463.8 | 461.5 | 459.5 | 457.4 |
| 10° | 491.5 | 482.8 | 475.9 | 467.3 | 459.3 | 452.2 | 447.8 | 444.6 | 443.0 | 441.4 | 438.3 |
| 12.5° | 478.5 | 470.0 | 461.3 | 451.4 | 443.8 | 435.7 | 432.3 | 428.9 | 425.8 | 423.8 | 419.7 |
| 15° | 459.5 | 448.5 | 439.3 | 428.9 | 420.4 | 412.4 | 407.8 | 400.9 | 400.0 | 397.6 | 393.3 |
| 17.5° | 440.4 | 428.5 | 415.8 | 408.1 | 398.6 | 390.2 | 383.0 | 380.8 | 374.1 | 371.5 | 367.8 |
| 20° | 425.4 | 414.3 | 404.7 | 394.6 | 380.7 | 372.9 | 367.3 | 364.3 | 358.8 | 355.5 | 353.1 |
| 22.5° | 412.4 | 401.1 | 390.0 | 378.2 | 366.8 | 358.0 | 353.9 | 349.1 | 346.2 | 341.5 | 339.0 |
| 25° | 393.8 | 381.6 | 368.2 | 355.5 | 347.3 | 340.7 | 334.1 | 329.8 | 325.6 | 323.5 | 318.8 |
| 27.5° | 372.3 | 359.5 | 347.0 | 337.3 | 327.2 | 320.7 | 314.8 | 311.0 | 305.9 | 302.4 | 299.7 |
| 30° | 360.4 | 345.4 | 334.6 | 325.9 | 313.0 | 306.8 | 302.4 | 297.6 | 293.9 | 290.1 | 287.5 |
| 32.5° | 346.7 | 333.0 | 322.8 | 311.9 | 302.1 | 295.3 | 289.5 | 285.4 | 282.2 | 278.6 | 276.0 |
| 35° | 325.2 | 313.7 | 303.1 | 292.3 | 284.9 | 278.1 | 271.2 | 267.7 | 264.7 | 261.4 | 259.0 |
| 37.5° | 305.7 | 294.9 | 284.8 | 274.6 | 265.5 | 259.9 | 254.5 | 251.8 | 247.6 | 245.4 | 243.1 |
| 40° | 293.7 | 283.1 | 272.3 | 262.4 | 253.0 | 248.7 | 243.8 | 239.7 | 236.0 | 234.3 | 231.8 |
| 42.5° | 280.4 | 269.8 | 260.7 | 250.1 | 242.4 | 236.6 | 232.1 | 227.7 | 224.9 | 222.5 | 221.1 |
| 45° | 260.9 | 251.6 | 242.6 | 232.0 | 224.7 | 219.7 | 214.6 | 210.6 | 208.0 | 206.3 | 203.8 |
| 47.5° | 242.0 | 232.6 | 223.5 | 214.3 | 207.2 | 201.6 | 196.3 | 193.6 | 190.2 | 188.1 | 186.4 |
| 50° | 228.2 | 219.7 | 210.2 | 201.7 | 194.6 | 188.9 | 184.7 | 181.2 | 178.1 | 175.5 | 174.3 |
| 52.5° | 215.6 | 206.6 | 198.2 | 190.4 | 182.9 | 176.5 | 172.7 | 169.0 | 166.6 | 163.7 | 162.3 |
| 55° | 194.8 | 186.1 | 179.0 | 171.3 | 164.0 | 158.5 | 153.9 | 150.6 | 148.2 | 144.9 | 143.1 |
| 57.5° | 175.3 | 167.4 | 159.1 | 152.3 | 144.8 | 140.3 | 136.3 | 131.9 | 129.0 | 126.4 | 124.5 |
| 60° | 162.1 | 153.2 | 145.8 | 139.6 | 132.9 | 127.0 | 123.5 | 120.0 | 116.9 | 114.3 | 112.7 |
| 62.5° | 148.3 | 140.6 | 133.6 | 126.7 | 120.7 | 115.5 | 111.5 | 108.6 | 105.8 | 104.2 | 102.5 |
| 65° | 127.2 | 121.2 | 114.1 | 108.5 | 102.8 | 99.1 | 95.7 | 93.2 | 91.3 | 90.1 | 88.7 |
| 67.5° | 107.9 | 102.0 | 95.8 | 90.3 | 86.4 | 83.6 | 81.5 | 79.3 | 78.3 | 76.7 | 75.8 |
| 70° | 95.3 | 89.2 | 83.7 | 79.5 | 75.7 | 73.6 | 72.2 | 70.6 | 69.7 | 67.8 | 66.9 |
| 72.5° | 81.6 | 77.2 | 73.2 | 69.8 | 66.8 | 64.8 | 63.0 | 61.0 | 59.5 | 57.4 | 56.5 |
| 75° | 64.2 | 60.2 | 57.2 | 54.8 | 52.9 | 50.4 | 47.8 | 45.6 | 44.9 | 44.2 | 44.0 |
| 77.5° | 47.6 | 45.0 | 42.8 | 40.8 | 38.5 | 36.7 | 36.1 | 35.5 | 35.4 | 35.0 | 35.0 |
| 80° | 37.4 | 35.0 | 33.4 | 31.1 | 29.7 | 29.7 | 29.7 | 29.2 | 29.4 | 29.4 | 29.4 |
| 82.5° | 27.8 | 25.7 | 24.7 | 23.9 | 23.6 | 23.8 | 23.8 | 23.9 | 23.7 | 24.1 | 23.9 |
| 85° | 14.3 | 14.5 | 15.0 | 14.8 | 15.0 | 15.0 | 15.6 | 15.2 | 15.6 | 15.0 | 15.6 |
| 87.5° | 8.3 | 9.6 | 10.6 | 11.7 | 12.7 | 13.4 | 13.9 | 14.1 | 14.6 | 14.9 | 15.1 |
| 90° | 14.9 | 18.8 | 23.1 | 27.5 | 31.9 | 36.3 | 37.6 | 38.9 | 40.3 | 41.6 | 42.6 |
| 92.5° | 24.3 | 25.4 | 28.8 | 32.1 | 35.3 | 38.7 | 40.8 | 42.9 | 45.1 | 47.3 | 48.5 |
| 95° | 37.1 | 32.0 | 35.7 | 39.4 | 43.1 | 46.8 | 49.2 | 51.5 | 53.8 | 56.1 | 57.4 |
| 97.5° | 160.4 | 145.2 | 121.1 | 96.9 | 72.8 | 48.6 | 51.3 | 54.0 | 56.7 | 59.4 | 60.9 |
| 100° | 282.0 | 259.1 | 206.8 | 154.5 | 102.2 | 49.8 | 52.5 | 55.1 | 57.9 | 60.6 | 62.1 |
| 102.5° | 354.2 | 328.0 | 270.8 | 213.7 | 156.5 | 99.4 | 91.0 | 82.7 | 74.4 | 66.0 | 62.2 |
| 105° | 464.6 | 451.4 | 421.2 | 391.0 | 360.8 | 330.6 | 271.2 | 211.9 | 152.5 | 93.1 | 63.7 |
| 107.5° | 583.1 | 586.9 | 591.7 | 596.5 | 601.3 | 606.0 | 562.5 | 518.9 | 475.3 | 431.8 | 387.7 |
| 110° | 663.0 | 666.1 | 669.8 | 673.5 | 677.2 | 680.9 | 669.8 | 658.7 | 647.6 | 636.6 | 607.0 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 739.1 | 742.3 | 745.9 | 749.6 | 753.3 | 757.0 | 757.2 | 757.4 | 757.6 | 757.8 | 752.9 |
| 115° | 852.0 | 854.5 | 857.6 | 860.5 | 863.5 | 866.6 | 869.9 | 873.3 | 876.7 | 880.0 | 882.3 |
| 117.5° | 964.7 | 966.7 | 968.3 | 969.8 | 971.3 | 972.9 | 975.5 | 978.3 | 980.9 | 983.6 | 985.1 |
| 120° | 1035.7 | 1037.7 | 1038.6 | 1039.7 | 1040.7 | 1041.7 | 1044.4 | 1047.1 | 1049.8 | 1052.5 | 1053.8 |
| 122.5° | 1103.6 | 1105.5 | 1106.7 | 1108.0 | 1109.2 | 1110.5 | 1112.5 | 1114.3 | 1116.2 | 1118.1 | 1119.1 |
| 125° | 1200.4 | 1202.4 | 1203.8 | 1205.1 | 1206.5 | 1207.8 | 1208.5 | 1209.1 | 1209.8 | 1210.4 | 1211.1 |
| 127.5° | 1293.4 | 1295.6 | 1297.2 | 1298.8 | 1300.4 | 1302.0 | 1303.0 | 1304.1 | 1305.3 | 1306.3 | 1306.5 |
| 130° | 1351.4 | 1353.4 | 1354.7 | 1356.0 | 1357.5 | 1358.8 | 1360.1 | 1361.4 | 1362.8 | 1364.1 | 1364.4 |
| 132.5° | 1406.9 | 1408.9 | 1409.9 | 1411.0 | 1412.0 | 1413.1 | 1414.4 | 1415.8 | 1417.1 | 1418.5 | 1418.7 |
| 135° | 1489.1 | 1490.8 | 1492.1 | 1493.5 | 1494.8 | 1496.1 | 1497.1 | 1498.1 | 1499.1 | 1500.2 | 1500.2 |
| 137.5° | 1563.7 | 1565.4 | 1566.1 | 1566.8 | 1567.6 | 1568.3 | 1569.9 | 1571.6 | 1573.2 | 1574.8 | 1575.2 |
| 140° | 1609.9 | 1611.3 | 1612.4 | 1613.4 | 1614.4 | 1615.4 | 1616.8 | 1618.1 | 1619.4 | 1620.7 | 1621.1 |
| 142.5° | 1654.6 | 1656.1 | 1657.1 | 1658.1 | 1659.1 | 1660.1 | 1661.1 | 1662.2 | 1663.3 | 1664.4 | 1664.5 |
| 145° | 1718.4 | 1719.9 | 1720.6 | 1721.2 | 1721.9 | 1722.6 | 1723.2 | 1723.9 | 1724.6 | 1725.3 | 1725.7 |
| 147.5° | 1774.0 | 1775.1 | 1775.8 | 1776.6 | 1777.2 | 1777.9 | 1778.6 | 1779.2 | 1779.9 | 1780.6 | 1780.1 |
| 150° | 1808.2 | 1809.0 | 1809.7 | 1810.4 | 1811.0 | 1811.7 | 1812.3 | 1813.0 | 1813.7 | 1814.3 | 1814.2 |
| 152.5° | 1838.7 | 1839.1 | 1839.5 | 1839.9 | 1840.3 | 1840.7 | 1841.9 | 1843.1 | 1844.3 | 1845.5 | 1845.3 |
| 155° | 1880.0 | 1879.8 | 1880.2 | 1880.5 | 1880.8 | 1881.1 | 1882.8 | 1884.5 | 1886.1 | 1887.8 | 1887.6 |
| 157.5° | 1918.0 | 1917.8 | 1917.4 | 1917.1 | 1916.8 | 1916.4 | 1918.4 | 1920.5 | 1922.5 | 1924.5 | 1924.2 |
| 160° | 1938.6 | 1938.3 | 1938.0 | 1937.6 | 1937.3 | 1937.0 | 1939.0 | 1941.1 | 1943.0 | 1945.0 | 1944.9 |
| 162.5° | 1957.0 | 1956.4 | 1956.1 | 1955.8 | 1955.4 | 1955.1 | 1957.4 | 1959.6 | 1962.0 | 1964.2 | 1964.3 |
| 165° | 1981.3 | 1980.6 | 1980.2 | 1979.9 | 1979.6 | 1979.2 | 1982.0 | 1984.6 | 1987.3 | 1990.0 | 1990.1 |
| 167.5° | 1999.2 | 1998.6 | 1998.6 | 1998.6 | 1998.6 | 1998.6 | 2001.2 | 2004.0 | 2006.6 | 2009.3 | 2009.3 |
| 170° | 2010.1 | 2009.4 | 2009.4 | 2009.4 | 2009.4 | 2009.4 | 2012.2 | 2014.8 | 2017.5 | 2020.2 | 2020.2 |
| 172.5° | 2016.3 | 2015.6 | 2015.9 | 2016.2 | 2016.4 | 2016.7 | 2019.4 | 2022.1 | 2024.8 | 2027.4 | 2027.3 |
| 175° | 2025.4 | 2024.7 | 2025.1 | 2025.4 | 2025.7 | 2026.1 | 2028.4 | 2030.7 | 2033.1 | 2035.5 | 2035.3 |
| 177.5° | 2029.1 | 2028.6 | 2028.9 | 2029.1 | 2029.4 | 2029.7 | 2031.8 | 2034.0 | 2036.1 | 2038.3 | 2038.0 |
| 180° | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5° | 523.6 | 523.4 | 523.6 | 522.9 | 523.6 | 523.4 | 523.6 | 525.9 | 525.9 | 526.0 | 526.2 |
| 5° | 487.3 | 487.1 | 486.4 | 484.2 | 486.4 | 487.1 | 487.3 | 488.0 | 489.9 | 493.1 | 492.2 |
| 7.5° | 455.4 | 455.1 | 453.1 | 453.1 | 453.1 | 455.1 | 455.4 | 457.4 | 459.5 | 461.5 | 463.8 |
| 10° | 436.7 | 436.9 | 434.0 | 432.4 | 434.0 | 436.9 | 436.7 | 438.3 | 441.4 | 443.0 | 444.6 |
| 12.5° | 418.4 | 417.4 | 415.1 | 413.2 | 415.1 | 417.4 | 418.4 | 419.7 | 423.8 | 425.8 | 428.9 |
| 15° | 394.4 | 391.9 | 386.4 | 386.8 | 386.4 | 391.9 | 394.4 | 393.3 | 397.6 | 400.0 | 400.9 |
| 17.5° | 366.0 | 364.3 | 364.2 | 360.8 | 364.2 | 364.3 | 366.0 | 367.8 | 371.5 | 374.1 | 380.8 |
| 20° | 349.4 | 348.2 | 348.7 | 345.4 | 348.7 | 348.2 | 349.4 | 353.1 | 355.5 | 358.8 | 364.3 |
| 22.5° | 336.4 | 335.2 | 333.3 | 332.2 | 333.3 | 335.2 | 336.4 | 339.0 | 341.5 | 346.2 | 349.1 |
| 25° | 317.4 | 315.5 | 313.7 | 314.8 | 313.7 | 315.5 | 317.4 | 318.8 | 323.5 | 325.6 | 329.8 |
| 27.5° | 298.4 | 297.0 | 295.1 | 294.9 | 295.1 | 297.0 | 298.4 | 299.7 | 302.4 | 305.9 | 311.0 |
| 30° | 286.3 | 284.9 | 284.0 | 282.8 | 284.0 | 284.9 | 286.3 | 287.5 | 290.1 | 293.9 | 297.6 |
| 32.5° | 274.1 | 273.8 | 272.2 | 271.9 | 272.2 | 273.8 | 274.1 | 276.0 | 278.6 | 282.2 | 285.4 |
| 35° | 258.1 | 256.7 | 256.2 | 256.4 | 256.2 | 256.7 | 258.1 | 259.0 | 261.4 | 264.7 | 267.7 |
| 37.5° | 242.9 | 241.1 | 240.1 | 239.3 | 240.1 | 241.1 | 242.9 | 243.1 | 245.4 | 247.6 | 251.8 |
| 40° | 232.0 | 230.1 | 229.6 | 229.1 | 229.6 | 230.1 | 232.0 | 231.8 | 234.3 | 236.0 | 239.7 |
| 42.5° | 219.7 | 219.0 | 218.7 | 217.8 | 218.7 | 219.0 | 219.7 | 221.1 | 222.5 | 224.9 | 227.7 |
| 45° | 203.1 | 202.8 | 201.4 | 201.9 | 201.4 | 202.8 | 203.1 | 203.8 | 206.3 | 208.0 | 210.6 |
| 47.5° | 185.4 | 184.4 | 183.4 | 184.1 | 183.4 | 184.4 | 185.4 | 186.4 | 188.1 | 190.2 | 193.6 |
| 50° | 173.4 | 172.9 | 170.8 | 171.3 | 170.8 | 172.9 | 173.4 | 174.3 | 175.5 | 178.1 | 181.2 |
| 52.5° | 161.4 | 159.6 | 158.8 | 158.4 | 158.8 | 159.6 | 161.4 | 162.3 | 163.7 | 166.6 | 169.0 |
| 55° | 141.4 | 139.3 | 138.4 | 137.8 | 138.4 | 139.3 | 141.4 | 143.1 | 144.9 | 148.2 | 150.6 |
| 57.5° | 121.8 | 121.3 | 120.5 | 121.0 | 120.5 | 121.3 | 121.8 | 124.5 | 126.4 | 129.0 | 131.9 |
| 60° | 110.4 | 110.4 | 110.4 | 110.1 | 110.4 | 110.4 | 110.4 | 112.7 | 114.3 | 116.9 | 120.0 |
| 62.5° | 101.5 | 100.9 | 100.8 | 101.1 | 100.8 | 100.9 | 101.5 | 102.5 | 104.2 | 105.8 | 108.6 |
| 65° | 88.0 | 87.8 | 86.8 | 86.5 | 86.8 | 87.8 | 88.0 | 88.7 | 90.1 | 91.3 | 93.2 |
| 67.5° | 75.2 | 74.4 | 74.1 | 73.8 | 74.1 | 74.4 | 75.2 | 75.8 | 76.7 | 78.3 | 79.3 |
| 70° | 65.6 | 65.1 | 63.7 | 64.0 | 63.7 | 65.1 | 65.6 | 66.9 | 67.8 | 69.7 | 70.6 |
| 72.5° | 55.3 | 54.8 | 54.5 | 54.2 | 54.5 | 54.8 | 55.3 | 56.5 | 57.4 | 59.5 | 61.0 |
| 75° | 43.7 | 43.5 | 43.3 | 44.2 | 43.3 | 43.5 | 43.7 | 44.0 | 44.2 | 44.9 | 45.6 |
| 77.5° | 35.0 | 35.0 | 35.2 | 34.8 | 35.2 | 35.0 | 35.0 | 35.0 | 35.0 | 35.4 | 35.5 |
| 80° | 29.4 | 29.4 | 29.2 | 29.2 | 29.2 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.2 |
| 82.5° | 23.5 | 23.7 | 23.9 | 23.5 | 23.9 | 23.7 | 23.5 | 23.9 | 24.1 | 23.7 | 23.9 |
| 85° | 15.6 | 15.2 | 15.8 | 15.6 | 15.8 | 15.2 | 15.6 | 15.6 | 15.0 | 15.6 | 15.2 |
| 87.5° | 15.7 | 15.3 | 15.6 | 15.9 | 15.6 | 15.3 | 15.7 | 15.1 | 14.9 | 14.6 | 14.1 |
| 90° | 43.3 | 43.9 | 44.6 | 45.2 | 44.6 | 43.9 | 43.3 | 42.6 | 41.6 | 40.3 | 38.9 |
| 92.5° | 48.9 | 49.3 | 49.7 | 50.1 | 49.7 | 49.3 | 48.9 | 48.5 | 47.3 | 45.1 | 42.9 |
| 95° | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 56.1 | 53.8 | 51.5 |
| 97.5° | 61.2 | 61.5 | 61.9 | 62.2 | 61.9 | 61.5 | 61.2 | 60.9 | 59.4 | 56.7 | 54.0 |
| 100° | 62.4 | 62.7 | 63.1 | 63.4 | 63.1 | 62.7 | 62.4 | 62.1 | 60.6 | 57.9 | 55.1 |
| 102.5° | 62.8 | 63.4 | 64.0 | 64.6 | 64.0 | 63.4 | 62.8 | 62.2 | 66.0 | 74.4 | 82.7 |
| 105° | 64.4 | 65.1 | 65.7 | 66.4 | 65.7 | 65.1 | 64.4 | 63.7 | 93.1 | 152.5 | 211.9 |
| 107.5° | 343.0 | 298.1 | 253.4 | 208.6 | 253.4 | 298.1 | 343.0 | 387.7 | 431.8 | 475.3 | 518.9 |
| 110° | 559.1 | 511.1 | 463.1 | 415.2 | 463.1 | 511.1 | 559.1 | 607.0 | 636.6 | 647.6 | 658.7 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 742.7 | 732.6 | 722.5 | 712.3 | 722.5 | 732.6 | 742.7 | 752.9 | 757.8 | 757.6 | 757.4 |
| 115° | 883.7 | 885.0 | 886.4 | 887.8 | 886.4 | 885.0 | 883.7 | 882.3 | 880.0 | 876.7 | 873.3 |
| 117.5° | 985.3 | 985.6 | 985.9 | 986.1 | 985.9 | 985.6 | 985.3 | 985.1 | 983.6 | 980.9 | 978.3 |
| 120° | 1053.8 | 1053.8 | 1053.8 | 1053.8 | 1053.8 | 1053.8 | 1053.8 | 1053.8 | 1052.5 | 1049.8 | 1047.1 |
| 122.5° | 1119.4 | 1119.6 | 1119.9 | 1120.2 | 1119.9 | 1119.6 | 1119.4 | 1119.1 | 1118.1 | 1116.2 | 1114.3 |
| 125° | 1211.8 | 1212.4 | 1213.2 | 1213.9 | 1213.2 | 1212.4 | 1211.8 | 1211.1 | 1210.4 | 1209.8 | 1209.1 |
| 127.5° | 1305.9 | 1305.1 | 1304.4 | 1303.8 | 1304.4 | 1305.1 | 1305.9 | 1306.5 | 1306.3 | 1305.3 | 1304.1 |
| 130° | 1363.8 | 1363.1 | 1362.4 | 1361.8 | 1362.4 | 1363.1 | 1363.8 | 1364.4 | 1364.1 | 1362.8 | 1361.4 |
| 132.5° | 1417.7 | 1416.8 | 1415.8 | 1414.9 | 1415.8 | 1416.8 | 1417.7 | 1418.7 | 1418.5 | 1417.1 | 1415.8 |
| 135° | 1499.1 | 1498.1 | 1497.1 | 1496.1 | 1497.1 | 1498.1 | 1499.1 | 1500.2 | 1500.2 | 1499.1 | 1498.1 |
| 137.5° | 1574.6 | 1573.9 | 1573.2 | 1572.6 | 1573.2 | 1573.9 | 1574.6 | 1575.2 | 1574.8 | 1573.2 | 1571.6 |
| 140° | 1620.4 | 1619.8 | 1619.1 | 1618.4 | 1619.1 | 1619.8 | 1620.4 | 1621.1 | 1620.7 | 1619.4 | 1618.1 |
| 142.5° | 1663.6 | 1662.5 | 1661.6 | 1660.7 | 1661.6 | 1662.5 | 1663.6 | 1664.5 | 1664.4 | 1663.3 | 1662.2 |
| 145° | 1725.7 | 1725.7 | 1725.7 | 1725.7 | 1725.7 | 1725.7 | 1725.7 | 1725.7 | 1725.3 | 1724.6 | 1723.9 |
| 147.5° | 1778.6 | 1777.1 | 1775.4 | 1773.9 | 1775.4 | 1777.1 | 1778.6 | 1780.1 | 1780.6 | 1779.9 | 1779.2 |
| 150° | 1813.2 | 1812.2 | 1811.2 | 1810.2 | 1811.2 | 1812.2 | 1813.2 | 1814.2 | 1814.3 | 1813.7 | 1813.0 |
| 152.5° | 1843.8 | 1842.2 | 1840.7 | 1839.2 | 1840.7 | 1842.2 | 1843.8 | 1845.3 | 1845.5 | 1844.3 | 1843.1 |
| 155° | 1885.6 | 1883.6 | 1881.6 | 1879.7 | 1881.6 | 1883.6 | 1885.6 | 1887.6 | 1887.8 | 1886.1 | 1884.5 |
| 157.5° | 1921.6 | 1918.9 | 1916.3 | 1913.7 | 1916.3 | 1918.9 | 1921.6 | 1924.2 | 1924.5 | 1922.5 | 1920.5 |
| 160° | 1942.5 | 1940.2 | 1937.8 | 1935.5 | 1937.8 | 1940.2 | 1942.5 | 1944.9 | 1945.0 | 1943.0 | 1941.1 |
| 162.5° | 1962.3 | 1960.1 | 1958.1 | 1956.0 | 1958.1 | 1960.1 | 1962.3 | 1964.3 | 1964.2 | 1962.0 | 1959.6 |
| 165° | 1987.8 | 1985.5 | 1983.1 | 1980.7 | 1983.1 | 1985.5 | 1987.8 | 1990.1 | 1990.0 | 1987.3 | 1984.6 |
| 167.5° | 2006.6 | 2004.0 | 2001.2 | 1998.6 | 2001.2 | 2004.0 | 2006.6 | 2009.3 | 2009.3 | 2006.6 | 2004.0 |
| 170° | 2017.5 | 2014.8 | 2012.2 | 2009.4 | 2012.2 | 2014.8 | 2017.5 | 2020.2 | 2020.2 | 2017.5 | 2014.8 |
| 172.5° | 2024.4 | 2021.4 | 2018.4 | 2015.5 | 2018.4 | 2021.4 | 2024.4 | 2027.3 | 2027.4 | 2024.8 | 2022.1 |
| 175° | 2032.6 | 2029.9 | 2027.2 | 2024.6 | 2027.2 | 2029.9 | 2032.6 | 2035.3 | 2035.5 | 2033.1 | 2030.7 |
| 177.5° | 2035.3 | 2032.7 | 2029.9 | 2027.3 | 2029.9 | 2032.7 | 2035.3 | 2038.0 | 2038.3 | 2036.1 | 2034.0 |
| 180° | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5° | 524.6 | 527.3 | 529.9 | 532.3 | 536.0 | 537.8 | 540.2 | 541.2 | 543.9 | 548.1 | 551.5 |
| 5° | 492.7 | 496.4 | 501.4 | 505.3 | 511.7 | 516.6 | 522.1 | 527.3 | 533.4 | 542.1 | 549.9 |
| 7.5° | 465.6 | 469.3 | 475.2 | 482.7 | 489.7 | 496.8 | 504.1 | 511.2 | 519.9 | 532.4 | 544.7 |
| 10° | 447.8 | 452.2 | 459.3 | 467.3 | 475.9 | 482.8 | 491.5 | 500.4 | 511.3 | 525.6 | 540.5 |
| 12.5° | 432.3 | 435.7 | 443.8 | 451.4 | 461.3 | 470.0 | 478.5 | 489.0 | 501.3 | 516.5 | 534.4 |
| 15° | 407.8 | 412.4 | 420.4 | 428.9 | 439.3 | 448.5 | 459.5 | 472.2 | 484.2 | 503.0 | 524.6 |
| 17.5° | 383.0 | 390.2 | 398.6 | 408.1 | 415.8 | 428.5 | 440.4 | 453.4 | 468.3 | 488.2 | 512.0 |
| 20° | 367.3 | 372.9 | 380.7 | 394.6 | 404.7 | 414.3 | 425.4 | 441.6 | 455.2 | 477.9 | 502.5 |
| 22.5° | 353.9 | 358.0 | 366.8 | 378.2 | 390.0 | 401.1 | 412.4 | 427.9 | 444.7 | 466.2 | 492.9 |
| 25° | 334.1 | 340.7 | 347.3 | 355.5 | 368.2 | 381.6 | 393.8 | 407.1 | 425.0 | 447.8 | 476.7 |
| 27.5° | 314.8 | 320.7 | 327.2 | 337.3 | 347.0 | 359.5 | 372.3 | 387.4 | 406.6 | 430.7 | 460.1 |
| 30° | 302.4 | 306.8 | 313.0 | 325.9 | 334.6 | 345.4 | 360.4 | 373.9 | 391.7 | 417.4 | 448.5 |
| 32.5° | 289.5 | 295.3 | 302.1 | 311.9 | 322.8 | 333.0 | 346.7 | 361.2 | 379.5 | 404.8 | 436.6 |
| 35° | 271.2 | 278.1 | 284.9 | 292.3 | 303.1 | 313.7 | 325.2 | 341.1 | 359.7 | 384.3 | 415.5 |
| 37.5° | 254.5 | 259.9 | 265.5 | 274.6 | 284.8 | 294.9 | 305.7 | 321.4 | 338.9 | 365.4 | 394.0 |
| 40° | 243.8 | 248.7 | 253.0 | 262.4 | 272.3 | 283.1 | 293.7 | 307.5 | 326.3 | 351.0 | 378.8 |
| 42.5° | 232.1 | 236.6 | 242.4 | 250.1 | 260.7 | 269.8 | 280.4 | 293.6 | 311.2 | 336.4 | 360.7 |
| 45° | 214.6 | 219.7 | 224.7 | 232.0 | 242.6 | 251.6 | 260.9 | 273.4 | 291.5 | 312.3 | 333.9 |
| 47.5° | 196.3 | 201.6 | 207.2 | 214.3 | 223.5 | 232.6 | 242.0 | 253.0 | 269.5 | 289.8 | 304.5 |
| 50° | 184.7 | 188.9 | 194.6 | 201.7 | 210.2 | 219.7 | 228.2 | 240.2 | 256.0 | 272.0 | 284.7 |
| 52.5° | 172.7 | 176.5 | 182.9 | 190.4 | 198.2 | 206.6 | 215.6 | 225.9 | 240.1 | 255.2 | 265.3 |
| 55° | 153.9 | 158.5 | 164.0 | 171.3 | 179.0 | 186.1 | 194.8 | 205.4 | 216.7 | 228.0 | 234.8 |
| 57.5° | 136.3 | 140.3 | 144.8 | 152.3 | 159.1 | 167.4 | 175.3 | 183.5 | 194.0 | 202.5 | 206.9 |
| 60° | 123.5 | 127.0 | 132.9 | 139.6 | 145.8 | 153.2 | 162.1 | 170.4 | 178.3 | 185.2 | 188.6 |
| 62.5° | 111.5 | 115.5 | 120.7 | 126.7 | 133.6 | 140.6 | 148.3 | 155.3 | 162.4 | 168.2 | 170.7 |
| 65° | 95.7 | 99.1 | 102.8 | 108.5 | 114.1 | 121.2 | 127.2 | 134.3 | 139.6 | 142.8 | 144.9 |
| 67.5° | 81.5 | 83.6 | 86.4 | 90.3 | 95.8 | 102.0 | 107.9 | 113.4 | 117.8 | 120.0 | 121.9 |
| 70° | 72.2 | 73.6 | 75.7 | 79.5 | 83.7 | 89.2 | 95.3 | 99.3 | 103.0 | 104.9 | 106.8 |
| 72.5° | 63.0 | 64.8 | 66.8 | 69.8 | 73.2 | 77.2 | 81.6 | 86.4 | 88.6 | 90.8 | 91.9 |
| 75° | 47.8 | 50.4 | 52.9 | 54.8 | 57.2 | 60.2 | 64.2 | 67.3 | 68.5 | 70.4 | 70.6 |
| 77.5° | 36.1 | 36.7 | 38.5 | 40.8 | 42.8 | 45.0 | 47.6 | 50.3 | 50.9 | 51.8 | 52.5 |
| 80° | 29.7 | 29.7 | 29.7 | 31.1 | 33.4 | 35.0 | 37.4 | 38.8 | 39.8 | 40.0 | 40.2 |
| 82.5° | 23.8 | 23.8 | 23.6 | 23.9 | 24.7 | 25.7 | 27.8 | 29.4 | 30.2 | 30.0 | 29.5 |
| 85° | 15.6 | 15.0 | 15.0 | 14.8 | 15.0 | 14.5 | 14.3 | 15.2 | 16.7 | 16.7 | 16.3 |
| 87.5° | 13.9 | 13.4 | 12.7 | 11.7 | 10.6 | 9.6 | 8.3 | 7.8 | 7.1 | 7.2 | 6.4 |
| 90° | 37.6 | 36.3 | 31.9 | 27.5 | 23.1 | 18.8 | 14.9 | 11.6 | 8.2 | 4.8 | 1.5 |
| 92.5° | 40.8 | 38.7 | 35.3 | 32.1 | 28.8 | 25.4 | 24.3 | 25.2 | 26.2 | 27.2 | 28.1 |
| 95° | 49.2 | 46.8 | 43.1 | 39.4 | 35.7 | 32.0 | 37.1 | 50.8 | 64.6 | 78.4 | 92.1 |
| 97.5° | 51.3 | 48.6 | 72.8 | 96.9 | 121.1 | 145.2 | 160.4 | 166.5 | 172.8 | 178.9 | 185.1 |
| 100° | 52.5 | 49.8 | 102.2 | 154.5 | 206.8 | 259.1 | 282.0 | 275.3 | 268.5 | 261.9 | 255.2 |
| 102.5° | 91.0 | 99.4 | 156.5 | 213.7 | 270.8 | 328.0 | 354.2 | 349.3 | 344.6 | 339.7 | 334.9 |
| 105° | 271.2 | 330.6 | 360.8 | 391.0 | 421.2 | 451.4 | 464.6 | 461.0 | 457.3 | 453.6 | 449.9 |
| 107.5° | 562.5 | 606.0 | 601.3 | 596.5 | 591.7 | 586.9 | 583.1 | 580.2 | 577.1 | 574.2 | 571.3 |
| 110° | 669.8 | 680.9 | 677.2 | 673.5 | 669.8 | 666.1 | 663.0 | 660.2 | 657.5 | 654.9 | 652.2 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 757.2 | 757.0 | 753.3 | 749.6 | 745.9 | 742.3 | 739.1 | 736.8 | 734.4 | 732.0 | 729.5 |
| 115° | 869.9 | 866.6 | 863.5 | 860.5 | 857.6 | 854.5 | 852.0 | 850.0 | 848.0 | 846.0 | 843.9 |
| 117.5° | 975.5 | 972.9 | 971.3 | 969.8 | 968.3 | 966.7 | 964.7 | 962.2 | 959.7 | 957.3 | 954.7 |
| 120° | 1044.4 | 1041.7 | 1040.7 | 1039.7 | 1038.6 | 1037.7 | 1035.7 | 1032.7 | 1029.7 | 1026.6 | 1023.6 |
| 122.5° | 1112.5 | 1110.5 | 1109.2 | 1108.0 | 1106.7 | 1105.5 | 1103.6 | 1101.1 | 1098.6 | 1096.1 | 1093.7 |
| 125° | 1208.5 | 1207.8 | 1206.5 | 1205.1 | 1203.8 | 1202.4 | 1200.4 | 1197.7 | 1195.1 | 1192.3 | 1189.6 |
| 127.5° | 1303.0 | 1302.0 | 1300.4 | 1298.8 | 1297.2 | 1295.6 | 1293.4 | 1290.7 | 1288.1 | 1285.4 | 1282.6 |
| 130° | 1360.1 | 1358.8 | 1357.5 | 1356.0 | 1354.7 | 1353.4 | 1351.4 | 1348.7 | 1346.0 | 1343.3 | 1340.6 |
| 132.5° | 1414.4 | 1413.1 | 1412.0 | 1411.0 | 1409.9 | 1408.9 | 1406.9 | 1404.2 | 1401.6 | 1398.9 | 1396.2 |
| 135° | 1497.1 | 1496.1 | 1494.8 | 1493.5 | 1492.1 | 1490.8 | 1489.1 | 1487.1 | 1485.1 | 1483.1 | 1481.1 |
| 137.5° | 1569.9 | 1568.3 | 1567.6 | 1566.8 | 1566.1 | 1565.4 | 1563.7 | 1561.2 | 1558.6 | 1556.1 | 1553.5 |
| 140° | 1616.8 | 1615.4 | 1614.4 | 1613.4 | 1612.4 | 1611.3 | 1609.9 | 1607.9 | 1605.9 | 1603.9 | 1601.8 |
| 142.5° | 1661.1 | 1660.1 | 1659.1 | 1658.1 | 1657.1 | 1656.1 | 1654.6 | 1652.5 | 1650.5 | 1648.5 | 1646.5 |
| 145° | 1723.2 | 1722.6 | 1721.9 | 1721.2 | 1720.6 | 1719.9 | 1718.4 | 1716.1 | 1713.7 | 1711.3 | 1709.0 |
| 147.5° | 1778.6 | 1777.9 | 1777.2 | 1776.6 | 1775.8 | 1775.1 | 1774.0 | 1772.5 | 1771.0 | 1769.5 | 1767.9 |
| 150° | 1812.3 | 1811.7 | 1811.0 | 1810.4 | 1809.7 | 1809.0 | 1808.2 | 1807.2 | 1806.1 | 1805.1 | 1804.1 |
| 152.5° | 1841.9 | 1840.7 | 1840.3 | 1839.9 | 1839.5 | 1839.1 | 1838.7 | 1838.2 | 1837.7 | 1837.2 | 1836.7 |
| 155° | 1882.8 | 1881.1 | 1880.8 | 1880.5 | 1880.2 | 1879.8 | 1880.0 | 1880.7 | 1881.3 | 1882.0 | 1882.6 |
| 157.5° | 1918.4 | 1916.4 | 1916.8 | 1917.1 | 1917.4 | 1917.8 | 1918.0 | 1918.0 | 1918.1 | 1918.2 | 1918.2 |
| 160° | 1939.0 | 1937.0 | 1937.3 | 1937.6 | 1938.0 | 1938.3 | 1938.6 | 1939.0 | 1939.3 | 1939.6 | 1940.1 |
| 162.5° | 1957.4 | 1955.1 | 1955.4 | 1955.8 | 1956.1 | 1956.4 | 1957.0 | 1957.9 | 1958.8 | 1959.6 | 1960.6 |
| 165° | 1982.0 | 1979.2 | 1979.6 | 1979.9 | 1980.2 | 1980.6 | 1981.3 | 1982.3 | 1983.3 | 1984.3 | 1985.3 |
| 167.5° | 2001.2 | 1998.6 | 1998.6 | 1998.6 | 1998.6 | 1998.6 | 1999.2 | 2000.6 | 2002.0 | 2003.3 | 2004.6 |
| 170° | 2012.2 | 2009.4 | 2009.4 | 2009.4 | 2009.4 | 2009.4 | 2010.1 | 2011.4 | 2012.8 | 2014.2 | 2015.5 |
| 172.5° | 2019.4 | 2016.7 | 2016.4 | 2016.2 | 2015.9 | 2015.6 | 2016.3 | 2017.9 | 2019.5 | 2021.1 | 2022.8 |
| 175° | 2028.4 | 2026.1 | 2025.7 | 2025.4 | 2025.1 | 2024.7 | 2025.4 | 2027.1 | 2028.7 | 2030.4 | 2032.1 |
| 177.5° | 2031.8 | 2029.7 | 2029.4 | 2029.1 | 2028.9 | 2028.6 | 2029.1 | 2030.5 | 2031.8 | 2033.2 | 2034.5 |
| 180° | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5° | 552.6 | 554.7 | 557.3 | 561.3 | 564.3 | 566.9 | 567.4 | 568.3 | 570.2 | 573.3 | 575.7 |
| 5° | 556.2 | 561.6 | 570.3 | 578.8 | 587.9 | 595.5 | 602.6 | 607.5 | 612.2 | 622.1 | 630.1 |
| 7.5° | 555.0 | 567.1 | 580.8 | 595.9 | 611.4 | 626.2 | 640.1 | 652.5 | 664.8 | 679.2 | 695.6 |
| 10° | 554.3 | 568.5 | 586.8 | 606.3 | 627.7 | 648.6 | 668.9 | 684.7 | 703.0 | 719.5 | 740.4 |
| 12.5° | 550.8 | 571.1 | 593.0 | 617.9 | 644.3 | 668.4 | 695.1 | 716.8 | 737.8 | 761.6 | 786.0 |
| 15° | 546.0 | 570.8 | 598.5 | 631.7 | 671.8 | 700.8 | 728.2 | 766.1 | 791.9 | 817.8 | 852.6 |
| 17.5° | 537.6 | 567.7 | 602.4 | 645.5 | 678.8 | 718.1 | 759.1 | 789.1 | 823.9 | 860.4 | 891.9 |
| 20° | 530.8 | 565.8 | 604.7 | 647.0 | 689.6 | 732.2 | 771.9 | 807.7 | 843.7 | 885.9 | 911.7 |
| 22.5° | 524.0 | 558.7 | 599.1 | 644.0 | 689.7 | 734.7 | 779.6 | 821.6 | 862.1 | 904.6 | 937.7 |
| 25° | 509.6 | 550.8 | 594.5 | 640.5 | 685.6 | 735.0 | 788.6 | 835.5 | 885.6 | 929.4 | 960.7 |
| 27.5° | 495.0 | 532.8 | 576.3 | 622.9 | 673.1 | 731.4 | 794.6 | 847.8 | 898.0 | 929.4 | 939.2 |
| 30° | 481.8 | 521.8 | 561.9 | 609.2 | 663.5 | 728.6 | 795.7 | 856.7 | 897.8 | 911.5 | 901.3 |
| 32.5° | 468.5 | 504.7 | 544.3 | 592.8 | 650.5 | 721.6 | 797.2 | 851.4 | 876.2 | 865.8 | 824.6 |
| 35° | 444.9 | 477.6 | 515.9 | 564.4 | 630.8 | 717.8 | 791.0 | 827.7 | 821.6 | 762.8 | 685.1 |
| 37.5° | 419.7 | 446.4 | 481.8 | 532.5 | 610.4 | 702.6 | 764.3 | 769.7 | 716.7 | 626.4 | 536.7 |
| 40° | 399.7 | 423.7 | 460.2 | 513.1 | 594.5 | 687.5 | 737.4 | 715.5 | 633.4 | 532.9 | 458.1 |
| 42.5° | 380.3 | 400.6 | 435.8 | 492.8 | 579.5 | 666.9 | 697.3 | 649.6 | 554.9 | 459.9 | 391.8 |
| 45° | 347.5 | 366.6 | 401.8 | 460.4 | 548.7 | 627.7 | 623.7 | 540.9 | 446.1 | 369.6 | 313.2 |
| 47.5° | 316.4 | 333.1 | 366.2 | 426.0 | 512.5 | 568.9 | 531.5 | 443.3 | 362.9 | 301.5 | 261.3 |
| 50° | 294.4 | 310.8 | 343.8 | 402.8 | 483.5 | 524.6 | 471.3 | 386.4 | 312.7 | 261.9 | 229.8 |
| 52.5° | 273.3 | 289.3 | 319.4 | 377.0 | 448.5 | 473.1 | 415.8 | 337.0 | 275.6 | 231.8 | 204.3 |
| 55° | 243.8 | 256.0 | 283.1 | 338.1 | 391.5 | 397.2 | 339.0 | 273.2 | 222.6 | 192.0 | 173.2 |
| 57.5° | 213.7 | 224.2 | 251.0 | 294.8 | 332.2 | 329.3 | 274.3 | 217.2 | 183.2 | 160.5 | 146.8 |
| 60° | 194.1 | 204.5 | 228.0 | 265.6 | 293.9 | 284.0 | 233.4 | 187.5 | 158.3 | 141.7 | 130.8 |
| 62.5° | 175.8 | 183.9 | 206.0 | 233.5 | 253.8 | 242.6 | 199.5 | 161.6 | 138.4 | 124.3 | 115.7 |
| 65° | 149.4 | 156.0 | 173.6 | 188.0 | 199.2 | 188.4 | 152.7 | 126.3 | 109.7 | 99.8 | 93.9 |
| 67.5° | 124.3 | 128.5 | 139.6 | 144.8 | 152.8 | 140.9 | 114.8 | 97.1 | 87.7 | 79.4 | 75.2 |
| 70° | 108.5 | 111.5 | 117.4 | 121.7 | 123.7 | 111.5 | 92.2 | 79.3 | 71.3 | 65.4 | 62.8 |
| 72.5° | 92.6 | 95.3 | 96.5 | 100.0 | 98.9 | 87.5 | 74.1 | 63.8 | 58.1 | 54.1 | 50.8 |
| 75° | 70.8 | 72.0 | 70.8 | 69.4 | 66.3 | 58.4 | 49.2 | 44.0 | 39.8 | 37.9 | 36.7 |
| 77.5° | 51.6 | 51.2 | 49.7 | 47.5 | 42.2 | 37.2 | 32.2 | 30.5 | 28.7 | 27.7 | 27.3 |
| 80° | 39.8 | 38.8 | 37.4 | 33.8 | 29.4 | 25.9 | 24.7 | 23.5 | 22.8 | 21.6 | 21.4 |
| 82.5° | 29.6 | 29.0 | 26.7 | 23.7 | 20.6 | 18.9 | 18.0 | 17.5 | 16.8 | 16.2 | 16.2 |
| 85° | 15.8 | 15.0 | 12.4 | 10.8 | 10.4 | 9.9 | 9.7 | 9.7 | 8.7 | 8.5 | 8.5 |
| 87.5° | 6.1 | 5.6 | 6.1 | 6.2 | 7.0 | 7.5 | 8.5 | 9.0 | 9.7 | 10.2 | 10.0 |
| 90° | 4.8 | 8.2 | 11.6 | 14.9 | 18.8 | 23.1 | 27.5 | 31.9 | 36.3 | 37.6 | 38.9 |
| 92.5° | 27.2 | 26.2 | 25.2 | 24.3 | 25.4 | 28.8 | 32.1 | 35.3 | 38.7 | 40.8 | 42.9 |
| 95° | 78.4 | 64.6 | 50.8 | 37.1 | 32.0 | 35.7 | 39.4 | 43.1 | 46.8 | 49.2 | 51.5 |
| 97.5° | 178.9 | 172.8 | 166.5 | 160.4 | 145.2 | 121.1 | 96.9 | 72.8 | 48.6 | 51.3 | 54.0 |
| 100° | 261.9 | 268.5 | 275.3 | 282.0 | 259.1 | 206.8 | 154.5 | 102.2 | 49.8 | 52.5 | 55.1 |
| 102.5° | 339.7 | 344.6 | 349.3 | 354.2 | 328.0 | 270.8 | 213.7 | 156.5 | 99.4 | 91.0 | 82.7 |
| 105° | 453.6 | 457.3 | 461.0 | 464.6 | 451.4 | 421.2 | 391.0 | 360.8 | 330.6 | 271.2 | 211.9 |
| 107.5° | 574.2 | 577.1 | 580.2 | 583.1 | 586.9 | 591.7 | 596.5 | 601.3 | 606.0 | 562.5 | 518.9 |
| 110° | 654.9 | 657.5 | 660.2 | 663.0 | 666.1 | 669.8 | 673.5 | 677.2 | 680.9 | 669.8 | 658.7 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 732.0 | 734.4 | 736.8 | 739.1 | 742.3 | 745.9 | 749.6 | 753.3 | 757.0 | 757.2 | 757.4 |
| 115° | 846.0 | 848.0 | 850.0 | 852.0 | 854.5 | 857.6 | 860.5 | 863.5 | 866.6 | 869.9 | 873.3 |
| 117.5° | 957.3 | 959.7 | 962.2 | 964.7 | 966.7 | 968.3 | 969.8 | 971.3 | 972.9 | 975.5 | 978.3 |
| 120° | 1026.6 | 1029.7 | 1032.7 | 1035.7 | 1037.7 | 1038.6 | 1039.7 | 1040.7 | 1041.7 | 1044.4 | 1047.1 |
| 122.5° | 1096.1 | 1098.6 | 1101.1 | 1103.6 | 1105.5 | 1106.7 | 1108.0 | 1109.2 | 1110.5 | 1112.5 | 1114.3 |
| 125° | 1192.3 | 1195.1 | 1197.7 | 1200.4 | 1202.4 | 1203.8 | 1205.1 | 1206.5 | 1207.8 | 1208.5 | 1209.1 |
| 127.5° | 1285.4 | 1288.1 | 1290.7 | 1293.4 | 1295.6 | 1297.2 | 1298.8 | 1300.4 | 1302.0 | 1303.0 | 1304.1 |
| 130° | 1343.3 | 1346.0 | 1348.7 | 1351.4 | 1353.4 | 1354.7 | 1356.0 | 1357.5 | 1358.8 | 1360.1 | 1361.4 |
| 132.5° | 1398.9 | 1401.6 | 1404.2 | 1406.9 | 1408.9 | 1409.9 | 1411.0 | 1412.0 | 1413.1 | 1414.4 | 1415.8 |
| 135° | 1483.1 | 1485.1 | 1487.1 | 1489.1 | 1490.8 | 1492.1 | 1493.5 | 1494.8 | 1496.1 | 1497.1 | 1498.1 |
| 137.5° | 1556.1 | 1558.6 | 1561.2 | 1563.7 | 1565.4 | 1566.1 | 1566.8 | 1567.6 | 1568.3 | 1569.9 | 1571.6 |
| 140° | 1603.9 | 1605.9 | 1607.9 | 1609.9 | 1611.3 | 1612.4 | 1613.4 | 1614.4 | 1615.4 | 1616.8 | 1618.1 |
| 142.5° | 1648.5 | 1650.5 | 1652.5 | 1654.6 | 1656.1 | 1657.1 | 1658.1 | 1659.1 | 1660.1 | 1661.1 | 1662.2 |
| 145° | 1711.3 | 1713.7 | 1716.1 | 1718.4 | 1719.9 | 1720.6 | 1721.2 | 1721.9 | 1722.6 | 1723.2 | 1723.9 |
| 147.5° | 1769.5 | 1771.0 | 1772.5 | 1774.0 | 1775.1 | 1775.8 | 1776.6 | 1777.2 | 1777.9 | 1778.6 | 1779.2 |
| 150° | 1805.1 | 1806.1 | 1807.2 | 1808.2 | 1809.0 | 1809.7 | 1810.4 | 1811.0 | 1811.7 | 1812.3 | 1813.0 |
| 152.5° | 1837.2 | 1837.7 | 1838.2 | 1838.7 | 1839.1 | 1839.5 | 1839.9 | 1840.3 | 1840.7 | 1841.9 | 1843.1 |
| 155° | 1882.0 | 1881.3 | 1880.7 | 1880.0 | 1879.8 | 1880.2 | 1880.5 | 1880.8 | 1881.1 | 1882.8 | 1884.5 |
| 157.5° | 1918.2 | 1918.1 | 1918.0 | 1918.0 | 1917.8 | 1917.4 | 1917.1 | 1916.8 | 1916.4 | 1918.4 | 1920.5 |
| 160° | 1939.6 | 1939.3 | 1939.0 | 1938.6 | 1938.3 | 1938.0 | 1937.6 | 1937.3 | 1937.0 | 1939.0 | 1941.1 |
| 162.5° | 1959.6 | 1958.8 | 1957.9 | 1957.0 | 1956.4 | 1956.1 | 1955.8 | 1955.4 | 1955.1 | 1957.4 | 1959.6 |
| 165° | 1984.3 | 1983.3 | 1982.3 | 1981.3 | 1980.6 | 1980.2 | 1979.9 | 1979.6 | 1979.2 | 1982.0 | 1984.6 |
| 167.5° | 2003.3 | 2002.0 | 2000.6 | 1999.2 | 1998.6 | 1998.6 | 1998.6 | 1998.6 | 1998.6 | 2001.2 | 2004.0 |
| 170° | 2014.2 | 2012.8 | 2011.4 | 2010.1 | 2009.4 | 2009.4 | 2009.4 | 2009.4 | 2009.4 | 2012.2 | 2014.8 |
| 172.5° | 2021.1 | 2019.5 | 2017.9 | 2016.3 | 2015.6 | 2015.9 | 2016.2 | 2016.4 | 2016.7 | 2019.4 | 2022.1 |
| 175° | 2030.4 | 2028.7 | 2027.1 | 2025.4 | 2024.7 | 2025.1 | 2025.4 | 2025.7 | 2026.1 | 2028.4 | 2030.7 |
| 177.5° | 2033.2 | 2031.8 | 2030.5 | 2029.1 | 2028.6 | 2028.9 | 2029.1 | 2029.4 | 2029.7 | 2031.8 | 2034.0 |
| 180° | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|--------|--------|--------|--------|
| 0° | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 | 549.6 |
| 2.5° | 579.8 | 579.8 | 580.5 | 583.3 | 583.7 | 586.1 | 585.4 |
| 5° | 637.1 | 641.6 | 643.3 | 650.4 | 654.5 | 656.4 | 652.7 |
| 7.5° | 707.3 | 719.9 | 725.9 | 733.4 | 739.8 | 741.8 | 736.7 |
| 10° | 758.5 | 771.7 | 782.7 | 789.6 | 796.0 | 800.2 | 805.6 |
| 12.5° | 808.0 | 824.3 | 834.8 | 844.3 | 850.9 | 856.3 | 857.2 |
| 15° | 861.8 | 886.3 | 904.8 | 918.6 | 925.3 | 928.9 | 927.5 |
| 17.5° | 916.0 | 938.8 | 952.0 | 965.9 | 975.3 | 975.8 | 976.1 |
| 20° | 946.7 | 968.9 | 984.2 | 994.5 | 1005.1 | 1004.6 | 1007.0 |
| 22.5° | 967.2 | 984.7 | 996.4 | 1003.9 | 1007.5 | 1005.7 | 1006.2 |
| 25° | 976.8 | 982.1 | 980.0 | 968.0 | 964.8 | 953.8 | 955.7 |
| 27.5° | 927.4 | 902.9 | 877.6 | 845.1 | 819.3 | 798.8 | 799.8 |
| 30° | 860.2 | 816.9 | 767.5 | 726.1 | 688.9 | 678.5 | 656.4 |
| 32.5° | 766.3 | 701.4 | 643.5 | 604.8 | 573.0 | 564.3 | 545.0 |
| 35° | 607.0 | 543.9 | 484.4 | 448.7 | 434.5 | 414.8 | 414.5 |
| 37.5° | 471.8 | 416.3 | 384.9 | 358.0 | 344.0 | 331.9 | 330.8 |
| 40° | 396.9 | 353.7 | 329.8 | 310.5 | 296.7 | 287.7 | 285.6 |
| 42.5° | 344.6 | 309.6 | 287.3 | 275.4 | 264.7 | 260.0 | 256.6 |
| 45° | 281.3 | 257.8 | 242.4 | 231.6 | 226.6 | 223.1 | 221.2 |
| 47.5° | 235.4 | 219.6 | 209.0 | 201.8 | 197.8 | 194.1 | 195.1 |
| 50° | 210.4 | 197.4 | 189.7 | 182.8 | 179.8 | 177.1 | 177.4 |
| 52.5° | 190.2 | 178.5 | 172.3 | 167.3 | 163.6 | 161.7 | 160.9 |
| 55° | 161.4 | 154.1 | 147.7 | 144.2 | 142.1 | 139.6 | 138.9 |
| 57.5° | 137.6 | 132.0 | 126.8 | 122.9 | 122.3 | 119.9 | 120.2 |
| 60° | 121.9 | 117.1 | 112.9 | 110.8 | 109.2 | 107.0 | 107.8 |
| 62.5° | 108.9 | 104.9 | 101.1 | 99.4 | 97.7 | 96.1 | 96.4 |
| 65° | 89.2 | 85.4 | 83.0 | 82.1 | 81.4 | 80.7 | 80.0 |
| 67.5° | 71.1 | 68.8 | 67.3 | 65.2 | 63.8 | 63.6 | 62.9 |
| 70° | 59.8 | 56.7 | 54.1 | 51.5 | 50.8 | 50.6 | 50.8 |
| 72.5° | 47.9 | 45.9 | 45.2 | 44.0 | 43.8 | 43.2 | 43.6 |
| 75° | 36.0 | 35.2 | 34.8 | 33.8 | 33.8 | 33.8 | 33.8 |
| 77.5° | 26.6 | 26.2 | 25.9 | 25.7 | 25.4 | 25.0 | 25.0 |
| 80° | 20.7 | 20.5 | 20.0 | 20.0 | 19.8 | 20.0 | 19.8 |
| 82.5° | 15.7 | 15.6 | 15.1 | 15.1 | 14.8 | 14.7 | 14.8 |
| 85° | 8.0 | 7.8 | 8.3 | 7.8 | 8.0 | 7.6 | 8.0 |
| 87.5° | 10.3 | 10.6 | 10.6 | 10.7 | 10.7 | 11.2 | 10.9 |
| 90° | 40.3 | 41.6 | 42.6 | 43.3 | 43.9 | 44.6 | 45.2 |
| 92.5° | 45.1 | 47.3 | 48.5 | 48.9 | 49.3 | 49.7 | 50.1 |
| 95° | 53.8 | 56.1 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 97.5° | 56.7 | 59.4 | 60.9 | 61.2 | 61.5 | 61.9 | 62.2 |
| 100° | 57.9 | 60.6 | 62.1 | 62.4 | 62.7 | 63.1 | 63.4 |
| 102.5° | 74.4 | 66.0 | 62.2 | 62.8 | 63.4 | 64.0 | 64.6 |
| 105° | 152.5 | 93.1 | 63.7 | 64.4 | 65.1 | 65.7 | 66.4 |
| 107.5° | 475.3 | 431.8 | 387.7 | 343.0 | 298.1 | 253.4 | 208.6 |
| 110° | 647.6 | 636.6 | 607.0 | 559.1 | 511.1 | 463.1 | 415.2 |



TEST NUMBER: P332406-840

CATALOG NUMBER: S123RDIW-S340D1535U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 757.6 | 757.8 | 752.9 | 742.7 | 732.6 | 722.5 | 712.3 |
| 115° | 876.7 | 880.0 | 882.3 | 883.7 | 885.0 | 886.4 | 887.8 |
| 117.5° | 980.9 | 983.6 | 985.1 | 985.3 | 985.6 | 985.9 | 986.1 |
| 120° | 1049.8 | 1052.5 | 1053.8 | 1053.8 | 1053.8 | 1053.8 | 1053.8 |
| 122.5° | 1116.2 | 1118.1 | 1119.1 | 1119.4 | 1119.6 | 1119.9 | 1120.2 |
| 125° | 1209.8 | 1210.4 | 1211.1 | 1211.8 | 1212.4 | 1213.2 | 1213.9 |
| 127.5° | 1305.3 | 1306.3 | 1306.5 | 1305.9 | 1305.1 | 1304.4 | 1303.8 |
| 130° | 1362.8 | 1364.1 | 1364.4 | 1363.8 | 1363.1 | 1362.4 | 1361.8 |
| 132.5° | 1417.1 | 1418.5 | 1418.7 | 1417.7 | 1416.8 | 1415.8 | 1414.9 |
| 135° | 1499.1 | 1500.2 | 1500.2 | 1499.1 | 1498.1 | 1497.1 | 1496.1 |
| 137.5° | 1573.2 | 1574.8 | 1575.2 | 1574.6 | 1573.9 | 1573.2 | 1572.6 |
| 140° | 1619.4 | 1620.7 | 1621.1 | 1620.4 | 1619.8 | 1619.1 | 1618.4 |
| 142.5° | 1663.3 | 1664.4 | 1664.5 | 1663.6 | 1662.5 | 1661.6 | 1660.7 |
| 145° | 1724.6 | 1725.3 | 1725.7 | 1725.7 | 1725.7 | 1725.7 | 1725.7 |
| 147.5° | 1779.9 | 1780.6 | 1780.1 | 1778.6 | 1777.1 | 1775.4 | 1773.9 |
| 150° | 1813.7 | 1814.3 | 1814.2 | 1813.2 | 1812.2 | 1811.2 | 1810.2 |
| 152.5° | 1844.3 | 1845.5 | 1845.3 | 1843.8 | 1842.2 | 1840.7 | 1839.2 |
| 155° | 1886.1 | 1887.8 | 1887.6 | 1885.6 | 1883.6 | 1881.6 | 1879.7 |
| 157.5° | 1922.5 | 1924.5 | 1924.2 | 1921.6 | 1918.9 | 1916.3 | 1913.7 |
| 160° | 1943.0 | 1945.0 | 1944.9 | 1942.5 | 1940.2 | 1937.8 | 1935.5 |
| 162.5° | 1962.0 | 1964.2 | 1964.3 | 1962.3 | 1960.1 | 1958.1 | 1956.0 |
| 165° | 1987.3 | 1990.0 | 1990.1 | 1987.8 | 1985.5 | 1983.1 | 1980.7 |
| 167.5° | 2006.6 | 2009.3 | 2009.3 | 2006.6 | 2004.0 | 2001.2 | 1998.6 |
| 170° | 2017.5 | 2020.2 | 2020.2 | 2017.5 | 2014.8 | 2012.2 | 2009.4 |
| 172.5° | 2024.8 | 2027.4 | 2027.3 | 2024.4 | 2021.4 | 2018.4 | 2015.5 |
| 175° | 2033.1 | 2035.5 | 2035.3 | 2032.6 | 2029.9 | 2027.2 | 2024.6 |
| 177.5° | 2036.1 | 2038.3 | 2038.0 | 2035.3 | 2032.7 | 2029.9 | 2027.3 |
| 180° | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 | 2032.1 |

(END OF REPORT)