

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: P332115-940

Luminaire Tested: **S123DIW-S340D1535U940-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332115-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-9,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123DIW-S340D1535U940-4F0-1E-UDD-A1
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 340 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1535 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6041.8 lumens
Efficiency: N/A
Efficacy: 113.1 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: Semi-Indirect

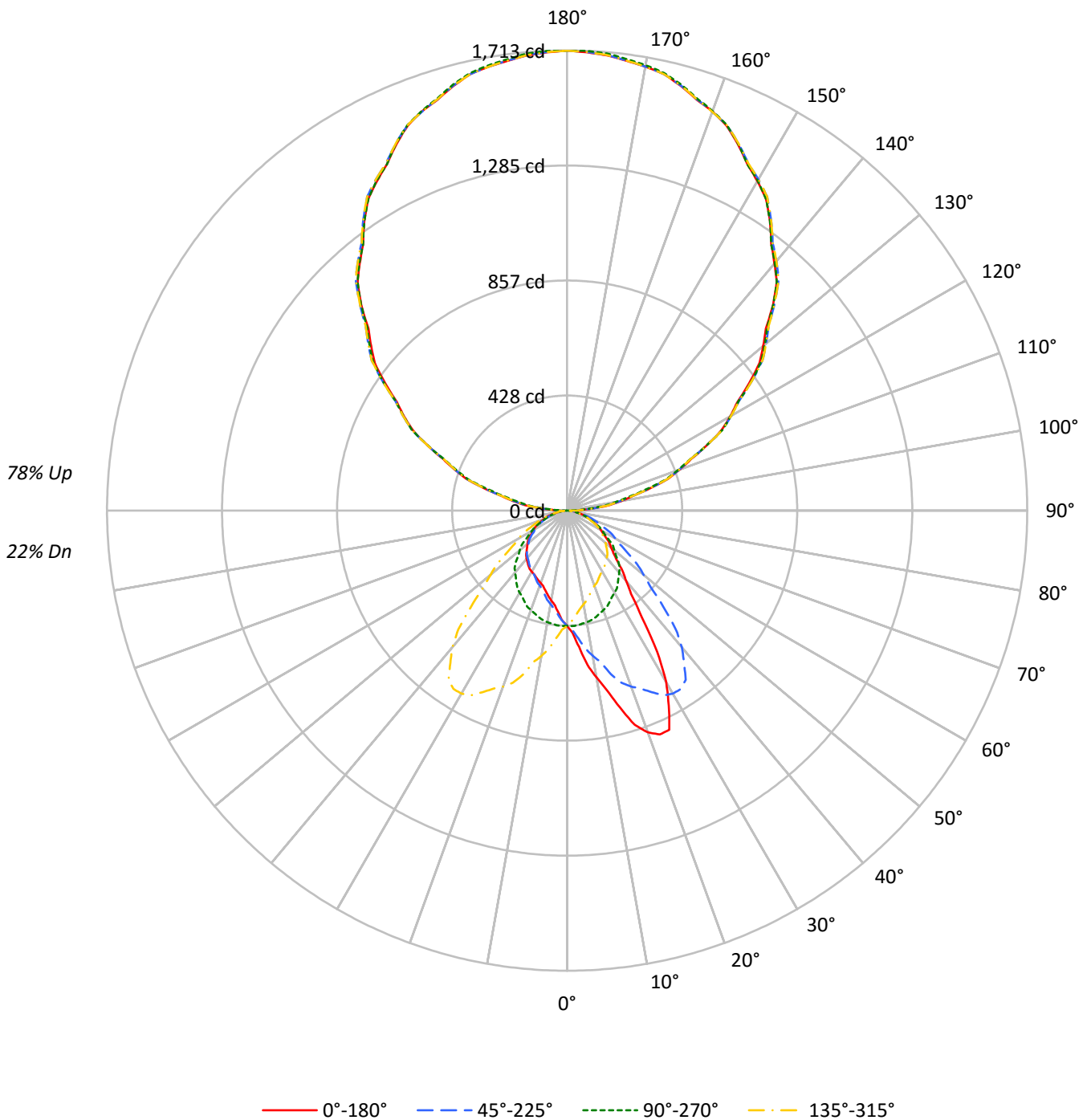
Input Watts (W): 53.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 100 | 100 | 100 | 100 | 89 | 89 | 89 | 89 | 68 | 68 | 68 | 48 | 48 | 48 | 30 | 30 | 30 | 22 |
| 1 | 92 | 87 | 84 | 80 | 81 | 78 | 75 | 72 | 59 | 57 | 55 | 42 | 41 | 40 | 27 | 26 | 25 | 18 |
| 2 | 83 | 76 | 71 | 66 | 74 | 68 | 63 | 59 | 52 | 49 | 46 | 37 | 35 | 33 | 23 | 22 | 22 | 16 |
| 3 | 76 | 67 | 60 | 55 | 67 | 60 | 54 | 49 | 46 | 42 | 39 | 33 | 30 | 28 | 21 | 20 | 18 | 13 |
| 4 | 69 | 59 | 52 | 46 | 61 | 53 | 47 | 42 | 41 | 36 | 33 | 29 | 26 | 24 | 19 | 17 | 16 | 11 |
| 5 | 64 | 53 | 45 | 39 | 56 | 47 | 40 | 36 | 36 | 32 | 28 | 26 | 23 | 21 | 17 | 15 | 14 | 10 |
| 6 | 58 | 47 | 39 | 34 | 52 | 42 | 35 | 31 | 33 | 28 | 24 | 24 | 21 | 18 | 15 | 14 | 12 | 9 |
| 7 | 54 | 42 | 35 | 30 | 48 | 38 | 31 | 27 | 29 | 25 | 21 | 21 | 18 | 16 | 14 | 12 | 11 | 8 |
| 8 | 50 | 38 | 31 | 26 | 44 | 34 | 28 | 24 | 27 | 22 | 19 | 19 | 16 | 14 | 13 | 11 | 10 | 7 |
| 9 | 46 | 35 | 28 | 23 | 41 | 31 | 25 | 21 | 24 | 20 | 17 | 18 | 15 | 13 | 12 | 10 | 9 | 6 |
| 10 | 43 | 32 | 25 | 20 | 38 | 28 | 22 | 18 | 22 | 18 | 15 | 16 | 13 | 11 | 11 | 9 | 8 | 6 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 4614 | 4614 | 4614 | 4614 |
| 5° | 5503 | 4635 | 4107 | 4635 |
| 10° | 6889 | 4612 | 3711 | 4612 |
| 15° | 8449 | 4574 | 3455 | 4574 |
| 20° | 10065 | 4517 | 3289 | 4517 |
| 25° | 10688 | 4445 | 3252 | 4445 |
| 30° | 9161 | 4395 | 3269 | 4395 |
| 35° | 6370 | 4322 | 3303 | 4322 |
| 40° | 4799 | 4235 | 3292 | 4235 |
| 45° | 3984 | 4107 | 3252 | 4107 |
| 50° | 3569 | 3848 | 3220 | 3848 |
| 55° | 3337 | 3567 | 3181 | 3567 |
| 60° | 3130 | 3272 | 3147 | 3272 |
| 65° | 2942 | 2985 | 3049 | 2985 |
| 70° | 2760 | 2656 | 2902 | 2656 |
| 75° | 2470 | 2325 | 2662 | 2325 |
| 80° | 2163 | 1909 | 2294 | 1909 |
| 85° | 1692 | 1383 | 1544 | 1383 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 42.2 | 0.7 |
| 10°-20° | 135.4 | 2.2 |
| 20°-30° | 227.3 | 3.8 |
| 30°-40° | 257.4 | 4.3 |
| 40°-50° | 230.8 | 3.8 |
| 50°-60° | 186.3 | 3.1 |
| 60°-70° | 129.8 | 2.1 |
| 70°-80° | 68.2 | 1.1 |
| 80°-90° | 21.7 | 0.4 |
| 90°-100° | 111.5 | 1.8 |
| 100°-110° | 333.8 | 5.5 |
| 110°-120° | 567.7 | 9.4 |
| 120°-130° | 746.7 | 12.4 |
| 130°-140° | 839.3 | 13.9 |
| 140°-150° | 825.0 | 13.7 |
| 150°-160° | 694.5 | 11.5 |
| 160°-170° | 462.3 | 7.7 |
| 170°-180° | 161.9 | 2.7 |
| 0°-30° | 405.0 | 6.7 |
| 0°-40° | 662.4 | 11.0 |
| 0°-60° | 1079.4 | 17.9 |
| 0°-90° | 1299.2 | 21.5 |
| 90°-120° | 1013.0 | 16.8 |
| 90°-150° | 3423.9 | 56.7 |
| 90°-180° | 4743.0 | 78.5 |
| 0°-180° | 6041.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 429 | 429 | 429 | 429 | 429 | |
| 5° | 509 | 429 | 380 | 429 | 509 | 53 |
| 15° | 758 | 410 | 310 | 410 | 758 | 219 |
| 25° | 900 | 374 | 274 | 374 | 900 | 395 |
| 35° | 485 | 329 | 251 | 329 | 485 | 315 |
| 45° | 262 | 270 | 214 | 270 | 262 | 207 |
| 55° | 178 | 190 | 170 | 190 | 178 | 160 |
| 65° | 116 | 117 | 120 | 117 | 116 | 115 |
| 75° | 59 | 56 | 64 | 56 | 59 | 64 |
| 85° | 14 | 11 | 12 | 11 | 14 | 17 |
| 90° | 40 | 1 | 40 | 1 | 40 | 20 |
| 95° | 105 | 79 | 105 | 79 | 105 | 108 |
| 105° | 320 | 303 | 320 | 303 | 320 | 340 |
| 115° | 573 | 572 | 573 | 572 | 573 | 567 |
| 125° | 827 | 836 | 827 | 836 | 827 | 739 |
| 135° | 1084 | 1085 | 1084 | 1085 | 1084 | 833 |
| 145° | 1316 | 1316 | 1316 | 1316 | 1316 | 822 |
| 155° | 1505 | 1507 | 1505 | 1507 | 1505 | 693 |
| 165° | 1636 | 1642 | 1636 | 1642 | 1636 | 462 |
| 175° | 1701 | 1708 | 1701 | 1708 | 1701 | 162 |
| 180° | 1712 | 1712 | 1712 | 1712 | 1712 | |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 |
| 2.5° | 455.0 | 454.7 | 453.9 | 454.5 | 453.2 | 451.4 | 451.2 | 449.5 | 444.7 | 444.4 | 443.1 |
| 5° | 509.3 | 507.7 | 507.5 | 507.3 | 504.4 | 500.4 | 492.9 | 492.3 | 482.3 | 477.4 | 471.4 |
| 7.5° | 579.8 | 580.6 | 577.6 | 575.0 | 566.1 | 560.2 | 552.1 | 541.9 | 529.7 | 517.2 | 509.0 |
| 10° | 630.3 | 637.1 | 628.7 | 622.8 | 617.4 | 607.3 | 595.4 | 580.6 | 565.9 | 548.7 | 535.6 |
| 12.5° | 684.5 | 687.8 | 686.1 | 680.6 | 672.3 | 656.7 | 635.8 | 619.5 | 605.9 | 577.2 | 565.6 |
| 15° | 758.2 | 770.9 | 762.8 | 744.1 | 744.5 | 729.8 | 702.4 | 672.3 | 656.2 | 631.1 | 596.8 |
| 17.5° | 836.9 | 838.4 | 835.0 | 819.4 | 809.0 | 788.7 | 763.4 | 734.6 | 702.1 | 671.7 | 635.3 |
| 20° | 878.7 | 877.4 | 870.2 | 862.1 | 844.3 | 828.5 | 800.8 | 768.7 | 727.1 | 697.1 | 657.5 |
| 22.5° | 902.0 | 899.9 | 896.4 | 889.7 | 874.9 | 857.9 | 833.0 | 797.9 | 758.3 | 717.1 | 671.3 |
| 25° | 899.9 | 902.6 | 903.0 | 901.2 | 896.0 | 885.8 | 866.3 | 838.2 | 798.8 | 745.7 | 698.0 |
| 27.5° | 818.5 | 822.3 | 833.4 | 843.3 | 854.3 | 865.5 | 864.0 | 850.1 | 820.8 | 775.1 | 716.7 |
| 30° | 737.1 | 728.7 | 749.3 | 775.3 | 792.9 | 824.1 | 841.5 | 842.6 | 826.2 | 786.9 | 730.0 |
| 32.5° | 624.0 | 633.2 | 642.3 | 674.2 | 712.8 | 747.8 | 782.6 | 810.5 | 813.7 | 787.6 | 737.8 |
| 35° | 484.8 | 496.3 | 512.9 | 529.5 | 571.1 | 606.8 | 667.9 | 721.0 | 763.4 | 769.0 | 738.5 |
| 37.5° | 390.7 | 396.4 | 406.9 | 423.6 | 450.7 | 493.1 | 540.3 | 607.5 | 669.0 | 714.6 | 716.6 |
| 40° | 341.5 | 343.2 | 355.0 | 367.7 | 389.7 | 424.6 | 467.2 | 526.6 | 600.1 | 664.0 | 690.5 |
| 42.5° | 304.6 | 308.3 | 313.3 | 325.5 | 343.0 | 369.3 | 408.8 | 458.0 | 525.4 | 598.8 | 650.8 |
| 45° | 261.7 | 265.9 | 269.0 | 277.1 | 289.6 | 307.3 | 334.8 | 379.8 | 431.1 | 506.8 | 576.8 |
| 47.5° | 233.4 | 233.7 | 236.0 | 242.2 | 250.7 | 263.9 | 283.5 | 312.3 | 359.4 | 420.9 | 492.8 |
| 50° | 213.1 | 216.4 | 217.3 | 222.0 | 228.7 | 238.4 | 254.7 | 279.2 | 317.8 | 371.8 | 437.9 |
| 52.5° | 198.9 | 199.8 | 202.2 | 205.6 | 211.4 | 219.0 | 233.1 | 252.3 | 282.6 | 328.7 | 389.4 |
| 55° | 177.8 | 177.8 | 180.1 | 182.8 | 186.1 | 193.0 | 202.3 | 216.4 | 239.5 | 275.3 | 325.6 |
| 57.5° | 158.4 | 159.4 | 161.0 | 161.8 | 164.7 | 169.2 | 177.0 | 187.8 | 204.9 | 232.5 | 272.4 |
| 60° | 145.4 | 147.3 | 147.0 | 148.7 | 151.2 | 154.8 | 161.4 | 170.1 | 185.5 | 207.5 | 241.2 |
| 62.5° | 134.1 | 134.0 | 133.9 | 136.0 | 138.4 | 141.8 | 146.2 | 153.6 | 166.7 | 186.3 | 214.9 |
| 65° | 115.5 | 115.1 | 116.5 | 117.8 | 118.6 | 121.1 | 124.4 | 131.1 | 139.8 | 154.4 | 176.6 |
| 67.5° | 99.0 | 97.7 | 98.5 | 99.0 | 100.4 | 102.4 | 105.5 | 109.6 | 116.5 | 128.1 | 144.9 |
| 70° | 87.7 | 86.6 | 86.4 | 86.9 | 88.1 | 89.5 | 91.8 | 95.8 | 102.2 | 111.6 | 123.8 |
| 72.5° | 76.1 | 75.3 | 75.3 | 76.2 | 76.8 | 77.8 | 79.4 | 82.9 | 88.1 | 95.1 | 106.6 |
| 75° | 59.4 | 59.4 | 59.4 | 59.7 | 60.3 | 61.1 | 62.3 | 64.2 | 68.1 | 73.1 | 80.8 |
| 77.5° | 44.5 | 44.5 | 44.2 | 44.2 | 45.1 | 45.5 | 45.7 | 47.5 | 49.8 | 53.1 | 58.7 |
| 80° | 34.9 | 33.9 | 34.2 | 34.9 | 35.3 | 35.5 | 36.1 | 36.6 | 38.4 | 40.3 | 44.2 |
| 82.5° | 25.9 | 25.1 | 25.1 | 26.1 | 26.2 | 26.4 | 27.0 | 27.6 | 28.3 | 30.0 | 32.1 |
| 85° | 13.7 | 13.7 | 13.9 | 13.9 | 14.1 | 13.9 | 14.5 | 14.7 | 14.7 | 15.8 | 17.0 |
| 87.5° | 13.0 | 12.6 | 12.7 | 12.7 | 12.4 | 12.4 | 12.3 | 12.2 | 12.2 | 12.1 | 11.5 |
| 90° | 40.3 | 39.8 | 39.1 | 38.5 | 38.0 | 37.1 | 35.8 | 34.7 | 33.4 | 32.3 | 28.4 |
| 92.5° | 54.3 | 54.7 | 55.0 | 55.4 | 55.7 | 55.5 | 54.5 | 53.5 | 52.6 | 51.6 | 49.4 |
| 95° | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.2 | 103.1 | 101.9 | 100.7 | 99.5 | 97.1 |
| 97.5° | 161.4 | 161.5 | 161.6 | 161.8 | 161.8 | 161.2 | 159.8 | 158.5 | 157.1 | 155.7 | 154.0 |
| 100° | 204.4 | 203.8 | 203.2 | 202.6 | 202.0 | 201.3 | 200.4 | 199.5 | 198.6 | 197.7 | 196.2 |
| 102.5° | 248.5 | 248.6 | 248.7 | 248.9 | 249.0 | 248.6 | 247.7 | 246.8 | 245.9 | 245.0 | 243.0 |
| 105° | 320.0 | 319.4 | 318.9 | 318.3 | 317.6 | 317.4 | 317.4 | 317.4 | 317.4 | 317.4 | 314.7 |
| 107.5° | 394.5 | 394.8 | 395.2 | 395.6 | 395.9 | 395.7 | 394.7 | 393.8 | 392.8 | 391.8 | 390.7 |
| 110° | 445.1 | 445.7 | 446.3 | 446.8 | 447.5 | 447.2 | 445.9 | 444.8 | 443.6 | 442.4 | 441.8 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 498.8 | 499.0 | 499.1 | 499.3 | 499.4 | 498.6 | 497.2 | 495.8 | 494.4 | 492.9 | 492.8 |
| 115° | 572.8 | 573.1 | 573.5 | 573.7 | 574.0 | 574.0 | 573.7 | 573.5 | 573.1 | 572.8 | 573.5 |
| 117.5° | 647.8 | 648.7 | 649.5 | 650.3 | 651.2 | 651.7 | 651.8 | 651.8 | 651.8 | 651.9 | 652.6 |
| 120° | 700.5 | 701.2 | 701.8 | 702.4 | 702.9 | 703.4 | 703.7 | 704.0 | 704.3 | 704.6 | 706.1 |
| 122.5° | 751.1 | 752.0 | 752.8 | 753.7 | 754.5 | 755.3 | 756.1 | 756.8 | 757.6 | 758.4 | 759.2 |
| 125° | 827.0 | 828.1 | 829.4 | 830.5 | 831.7 | 832.9 | 834.1 | 835.4 | 836.5 | 837.8 | 838.3 |
| 127.5° | 902.5 | 903.9 | 905.3 | 906.7 | 908.0 | 909.5 | 911.2 | 912.9 | 914.5 | 916.2 | 916.9 |
| 130° | 952.0 | 954.1 | 956.2 | 958.3 | 960.4 | 962.1 | 963.2 | 964.4 | 965.6 | 966.8 | 967.7 |
| 132.5° | 1003.6 | 1005.2 | 1006.9 | 1008.5 | 1010.1 | 1011.6 | 1013.1 | 1014.5 | 1015.9 | 1017.4 | 1018.0 |
| 135° | 1083.8 | 1084.4 | 1084.9 | 1085.6 | 1086.2 | 1087.1 | 1088.2 | 1089.5 | 1090.7 | 1091.9 | 1092.2 |
| 137.5° | 1154.5 | 1155.7 | 1156.8 | 1157.9 | 1159.0 | 1160.3 | 1161.5 | 1162.8 | 1164.0 | 1165.3 | 1164.5 |
| 140° | 1200.8 | 1202.8 | 1205.0 | 1207.0 | 1209.2 | 1210.3 | 1210.7 | 1210.9 | 1211.2 | 1211.6 | 1211.2 |
| 142.5° | 1248.1 | 1249.7 | 1251.3 | 1252.9 | 1254.5 | 1255.5 | 1255.8 | 1256.2 | 1256.4 | 1256.7 | 1256.2 |
| 145° | 1316.4 | 1317.6 | 1318.8 | 1320.0 | 1321.2 | 1322.0 | 1322.2 | 1322.5 | 1322.9 | 1323.1 | 1322.2 |
| 147.5° | 1377.2 | 1378.9 | 1380.8 | 1382.6 | 1384.4 | 1385.3 | 1385.3 | 1385.3 | 1385.3 | 1385.3 | 1384.4 |
| 150° | 1415.9 | 1417.7 | 1419.5 | 1421.3 | 1423.1 | 1424.0 | 1424.0 | 1424.0 | 1424.0 | 1424.0 | 1423.3 |
| 152.5° | 1453.6 | 1455.1 | 1456.7 | 1458.2 | 1459.8 | 1460.4 | 1459.8 | 1459.4 | 1458.9 | 1458.4 | 1458.0 |
| 155° | 1504.7 | 1506.7 | 1508.9 | 1510.9 | 1513.1 | 1513.5 | 1512.3 | 1511.1 | 1509.9 | 1508.7 | 1508.4 |
| 157.5° | 1551.2 | 1552.8 | 1554.5 | 1556.2 | 1557.9 | 1558.1 | 1556.8 | 1555.6 | 1554.3 | 1553.1 | 1552.8 |
| 160° | 1581.3 | 1582.5 | 1583.7 | 1584.9 | 1586.1 | 1585.9 | 1584.5 | 1583.0 | 1581.4 | 1579.9 | 1579.9 |
| 162.5° | 1603.9 | 1605.8 | 1607.8 | 1609.6 | 1611.6 | 1611.8 | 1610.3 | 1608.7 | 1607.3 | 1605.8 | 1605.5 |
| 165° | 1636.5 | 1638.5 | 1640.7 | 1642.7 | 1644.8 | 1644.9 | 1643.2 | 1641.4 | 1639.6 | 1637.8 | 1637.8 |
| 167.5° | 1664.1 | 1666.0 | 1667.9 | 1669.7 | 1671.5 | 1671.5 | 1669.7 | 1667.9 | 1666.0 | 1664.1 | 1663.9 |
| 170° | 1678.1 | 1680.3 | 1682.3 | 1684.4 | 1686.5 | 1686.5 | 1684.4 | 1682.3 | 1680.3 | 1678.1 | 1678.1 |
| 172.5° | 1688.9 | 1691.0 | 1693.1 | 1695.1 | 1697.3 | 1697.4 | 1695.5 | 1693.6 | 1691.8 | 1690.0 | 1690.0 |
| 175° | 1701.0 | 1703.1 | 1705.1 | 1707.3 | 1709.3 | 1709.5 | 1707.7 | 1705.9 | 1704.1 | 1702.4 | 1702.4 |
| 177.5° | 1707.4 | 1709.1 | 1710.7 | 1712.4 | 1714.1 | 1714.2 | 1712.8 | 1711.4 | 1709.9 | 1708.5 | 1708.5 |
| 180° | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 |
| 2.5° | 442.0 | 440.8 | 439.4 | 437.1 | 435.1 | 432.3 | 431.4 | 430.4 | 427.4 | 424.8 | 422.8 |
| 5° | 469.0 | 464.0 | 456.8 | 450.1 | 444.8 | 437.5 | 433.4 | 429.0 | 422.8 | 417.1 | 412.6 |
| 7.5° | 497.3 | 487.5 | 476.2 | 464.0 | 452.6 | 441.7 | 432.8 | 424.9 | 416.2 | 408.0 | 401.4 |
| 10° | 519.8 | 505.6 | 489.8 | 472.8 | 458.3 | 444.2 | 432.3 | 422.0 | 410.7 | 400.9 | 392.8 |
| 12.5° | 545.4 | 524.4 | 502.7 | 482.0 | 464.8 | 445.1 | 430.8 | 417.6 | 404.8 | 393.2 | 384.1 |
| 15° | 575.6 | 549.0 | 523.3 | 494.8 | 468.7 | 444.2 | 427.1 | 410.5 | 395.7 | 383.7 | 372.0 |
| 17.5° | 603.2 | 573.1 | 539.1 | 504.5 | 473.0 | 443.9 | 420.1 | 401.3 | 382.8 | 368.1 | 356.5 |
| 20° | 618.8 | 584.6 | 546.2 | 510.2 | 475.3 | 442.9 | 416.7 | 394.3 | 374.3 | 358.7 | 345.7 |
| 22.5° | 632.3 | 592.2 | 552.4 | 514.0 | 475.1 | 440.2 | 410.5 | 387.4 | 365.9 | 350.6 | 336.7 |
| 25° | 646.3 | 598.2 | 558.4 | 513.4 | 469.9 | 433.7 | 400.6 | 374.3 | 352.8 | 334.8 | 320.6 |
| 27.5° | 658.3 | 597.9 | 550.5 | 502.0 | 461.6 | 425.4 | 389.9 | 361.9 | 338.9 | 319.5 | 305.0 |
| 30° | 666.2 | 598.7 | 542.4 | 494.5 | 453.7 | 416.3 | 381.8 | 353.6 | 329.5 | 309.8 | 296.0 |
| 32.5° | 671.2 | 598.2 | 534.9 | 483.8 | 441.0 | 408.0 | 373.0 | 343.8 | 319.0 | 299.6 | 286.4 |
| 35° | 674.1 | 594.5 | 522.0 | 461.8 | 420.7 | 388.4 | 359.2 | 328.9 | 302.9 | 284.8 | 269.8 |
| 37.5° | 668.2 | 586.8 | 507.1 | 440.6 | 395.6 | 363.9 | 339.2 | 313.4 | 288.6 | 268.7 | 255.7 |
| 40° | 659.2 | 581.8 | 495.4 | 425.6 | 378.3 | 347.8 | 326.8 | 301.4 | 276.9 | 258.0 | 245.9 |
| 42.5° | 641.7 | 571.8 | 482.7 | 409.0 | 360.3 | 329.8 | 310.5 | 289.3 | 266.1 | 248.3 | 236.3 |
| 45° | 599.1 | 549.7 | 463.4 | 384.1 | 333.9 | 302.3 | 285.3 | 269.8 | 248.9 | 231.7 | 221.2 |
| 47.5° | 540.0 | 516.5 | 435.7 | 357.8 | 306.1 | 275.8 | 258.1 | 245.8 | 230.4 | 216.4 | 206.5 |
| 50° | 499.0 | 489.2 | 417.0 | 339.8 | 287.8 | 258.0 | 240.9 | 229.8 | 218.7 | 204.8 | 195.7 |
| 52.5° | 451.7 | 457.6 | 395.0 | 321.3 | 268.9 | 239.7 | 223.7 | 214.8 | 204.8 | 193.3 | 185.4 |
| 55° | 385.0 | 406.7 | 357.1 | 290.0 | 240.9 | 213.1 | 198.0 | 190.1 | 184.2 | 175.8 | 168.9 |
| 57.5° | 322.5 | 350.3 | 316.1 | 257.8 | 213.5 | 189.5 | 175.0 | 166.4 | 162.6 | 158.2 | 152.8 |
| 60° | 285.4 | 312.8 | 286.9 | 236.2 | 195.1 | 172.2 | 159.3 | 152.0 | 148.3 | 145.2 | 140.6 |
| 62.5° | 252.4 | 280.1 | 258.3 | 214.3 | 176.9 | 155.8 | 144.5 | 137.4 | 134.6 | 133.0 | 129.0 |
| 65° | 206.9 | 230.8 | 216.2 | 180.1 | 151.1 | 132.3 | 122.2 | 117.2 | 114.5 | 113.9 | 111.4 |
| 67.5° | 168.4 | 186.5 | 176.0 | 149.4 | 126.5 | 110.4 | 101.7 | 97.5 | 95.4 | 95.1 | 93.3 |
| 70° | 143.1 | 160.2 | 152.0 | 128.0 | 108.3 | 95.6 | 88.1 | 84.4 | 83.1 | 82.9 | 81.9 |
| 72.5° | 123.5 | 135.4 | 128.9 | 108.9 | 93.6 | 82.1 | 76.6 | 72.7 | 71.3 | 71.6 | 70.9 |
| 75° | 91.4 | 100.3 | 96.6 | 82.7 | 70.4 | 63.0 | 58.4 | 55.9 | 54.7 | 55.3 | 54.4 |
| 77.5° | 65.8 | 71.4 | 68.0 | 58.4 | 50.8 | 45.5 | 42.1 | 40.6 | 39.4 | 39.4 | 39.1 |
| 80° | 49.7 | 53.0 | 51.1 | 45.3 | 39.1 | 34.5 | 31.7 | 30.8 | 30.1 | 29.9 | 29.7 |
| 82.5° | 35.4 | 38.2 | 35.9 | 32.0 | 27.7 | 25.0 | 23.5 | 22.1 | 21.7 | 21.8 | 21.6 |
| 85° | 17.8 | 18.9 | 18.1 | 15.6 | 13.9 | 12.7 | 11.9 | 11.2 | 10.8 | 11.0 | 10.6 |
| 87.5° | 11.1 | 10.4 | 9.2 | 7.8 | 6.9 | 5.8 | 5.2 | 4.3 | 4.5 | 5.1 | 5.5 |
| 90° | 24.5 | 20.6 | 16.8 | 13.3 | 10.3 | 7.3 | 4.4 | 1.3 | 4.4 | 7.3 | 10.3 |
| 92.5° | 47.2 | 45.0 | 42.8 | 40.7 | 38.6 | 36.6 | 34.6 | 32.5 | 34.6 | 36.6 | 38.6 |
| 95° | 94.7 | 92.3 | 90.0 | 87.7 | 85.6 | 83.6 | 81.4 | 79.4 | 81.4 | 83.6 | 85.6 |
| 97.5° | 152.2 | 150.5 | 148.7 | 147.1 | 145.6 | 144.0 | 142.5 | 140.9 | 142.5 | 144.0 | 145.6 |
| 100° | 194.7 | 193.1 | 191.7 | 190.0 | 188.2 | 186.5 | 184.7 | 182.9 | 184.7 | 186.5 | 188.2 |
| 102.5° | 241.0 | 239.1 | 237.1 | 235.6 | 234.5 | 233.4 | 232.4 | 231.3 | 232.4 | 233.4 | 234.5 |
| 105° | 311.9 | 309.2 | 306.6 | 305.0 | 304.3 | 303.7 | 303.2 | 302.6 | 303.2 | 303.7 | 304.3 |
| 107.5° | 389.7 | 388.6 | 387.5 | 386.8 | 386.5 | 386.1 | 385.8 | 385.4 | 385.8 | 386.1 | 386.5 |
| 110° | 441.2 | 440.6 | 440.0 | 439.4 | 438.8 | 438.2 | 437.7 | 437.0 | 437.7 | 438.2 | 438.8 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 492.7 | 492.6 | 492.5 | 492.2 | 491.9 | 491.5 | 491.2 | 490.8 | 491.2 | 491.5 | 491.9 |
| 115° | 574.0 | 574.6 | 575.2 | 575.1 | 574.2 | 573.3 | 572.4 | 571.5 | 572.4 | 573.3 | 574.2 |
| 117.5° | 653.4 | 654.2 | 655.0 | 655.1 | 654.5 | 653.9 | 653.3 | 652.7 | 653.3 | 653.9 | 654.5 |
| 120° | 707.6 | 709.1 | 710.6 | 710.4 | 708.6 | 706.9 | 705.1 | 703.3 | 705.1 | 706.9 | 708.6 |
| 122.5° | 759.9 | 760.7 | 761.5 | 761.3 | 759.9 | 758.6 | 757.2 | 756.0 | 757.2 | 758.6 | 759.9 |
| 125° | 838.9 | 839.5 | 840.1 | 840.0 | 839.1 | 838.2 | 837.2 | 836.3 | 837.2 | 838.2 | 839.1 |
| 127.5° | 917.6 | 918.2 | 918.9 | 918.3 | 916.3 | 914.4 | 912.5 | 910.6 | 912.5 | 914.4 | 916.3 |
| 130° | 968.6 | 969.5 | 970.4 | 969.6 | 967.2 | 964.8 | 962.5 | 960.1 | 962.5 | 964.8 | 967.2 |
| 132.5° | 1018.7 | 1019.3 | 1020.0 | 1019.1 | 1016.7 | 1014.3 | 1011.9 | 1009.6 | 1011.9 | 1014.3 | 1016.7 |
| 135° | 1092.4 | 1092.8 | 1093.1 | 1092.3 | 1090.5 | 1088.7 | 1086.9 | 1085.1 | 1086.9 | 1088.7 | 1090.5 |
| 137.5° | 1163.7 | 1163.0 | 1162.2 | 1161.0 | 1159.6 | 1158.1 | 1156.5 | 1155.0 | 1156.5 | 1158.1 | 1159.6 |
| 140° | 1210.9 | 1210.7 | 1210.3 | 1209.4 | 1207.9 | 1206.5 | 1205.0 | 1203.5 | 1205.0 | 1206.5 | 1207.9 |
| 142.5° | 1255.6 | 1255.1 | 1254.5 | 1253.6 | 1252.1 | 1250.5 | 1249.0 | 1247.6 | 1249.0 | 1250.5 | 1252.1 |
| 145° | 1321.3 | 1320.4 | 1319.6 | 1318.8 | 1318.2 | 1317.6 | 1317.1 | 1316.4 | 1317.1 | 1317.6 | 1318.2 |
| 147.5° | 1383.6 | 1382.8 | 1381.9 | 1381.0 | 1379.9 | 1378.8 | 1377.7 | 1376.6 | 1377.7 | 1378.8 | 1379.9 |
| 150° | 1422.8 | 1422.2 | 1421.6 | 1421.0 | 1420.4 | 1419.8 | 1419.2 | 1418.6 | 1419.2 | 1419.8 | 1420.4 |
| 152.5° | 1457.7 | 1457.3 | 1457.0 | 1456.3 | 1455.5 | 1454.7 | 1453.8 | 1453.0 | 1453.8 | 1454.7 | 1455.5 |
| 155° | 1508.1 | 1507.8 | 1507.5 | 1507.3 | 1507.3 | 1507.3 | 1507.3 | 1507.3 | 1507.3 | 1507.3 | 1507.3 |
| 157.5° | 1552.6 | 1552.4 | 1552.1 | 1552.2 | 1552.6 | 1552.9 | 1553.3 | 1553.6 | 1553.3 | 1552.9 | 1552.6 |
| 160° | 1579.9 | 1579.9 | 1579.9 | 1580.3 | 1580.8 | 1581.4 | 1582.1 | 1582.7 | 1582.1 | 1581.4 | 1580.8 |
| 162.5° | 1605.3 | 1605.1 | 1604.8 | 1605.2 | 1606.0 | 1606.8 | 1607.7 | 1608.5 | 1607.7 | 1606.8 | 1606.0 |
| 165° | 1637.8 | 1637.8 | 1637.8 | 1638.3 | 1639.1 | 1640.0 | 1640.9 | 1641.8 | 1640.9 | 1640.0 | 1639.1 |
| 167.5° | 1663.7 | 1663.4 | 1663.2 | 1663.7 | 1664.8 | 1666.1 | 1667.2 | 1668.5 | 1667.2 | 1666.1 | 1664.8 |
| 170° | 1678.1 | 1678.1 | 1678.1 | 1678.7 | 1679.9 | 1681.1 | 1682.3 | 1683.5 | 1682.3 | 1681.1 | 1679.9 |
| 172.5° | 1690.0 | 1690.0 | 1690.0 | 1690.6 | 1691.8 | 1692.9 | 1694.2 | 1695.3 | 1694.2 | 1692.9 | 1691.8 |
| 175° | 1702.4 | 1702.4 | 1702.4 | 1702.9 | 1704.1 | 1705.3 | 1706.6 | 1707.7 | 1706.6 | 1705.3 | 1704.1 |
| 177.5° | 1708.5 | 1708.5 | 1708.5 | 1709.0 | 1709.9 | 1710.9 | 1711.9 | 1712.8 | 1711.9 | 1710.9 | 1709.9 |
| 180° | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 |
| 2.5° | 421.6 | 420.4 | 418.8 | 416.3 | 414.3 | 411.2 | 411.2 | 411.6 | 411.6 | 411.5 | 411.2 |
| 5° | 408.8 | 405.7 | 402.0 | 397.6 | 393.1 | 388.4 | 387.6 | 385.9 | 384.8 | 383.9 | 382.9 |
| 7.5° | 395.3 | 389.8 | 384.3 | 378.3 | 372.6 | 368.1 | 364.9 | 362.2 | 360.5 | 358.6 | 357.3 |
| 10° | 386.2 | 379.3 | 372.9 | 366.5 | 359.4 | 353.7 | 350.3 | 347.8 | 345.9 | 344.2 | 343.4 |
| 12.5° | 375.4 | 367.6 | 360.4 | 354.3 | 346.6 | 340.8 | 337.4 | 336.3 | 334.1 | 330.6 | 328.8 |
| 15° | 359.6 | 352.3 | 343.8 | 334.5 | 330.7 | 323.7 | 319.7 | 317.8 | 316.6 | 313.9 | 313.1 |
| 17.5° | 346.1 | 336.6 | 327.0 | 320.0 | 313.1 | 307.4 | 305.1 | 302.8 | 301.2 | 299.0 | 298.3 |
| 20° | 335.3 | 326.8 | 318.1 | 310.6 | 303.3 | 297.0 | 295.2 | 293.6 | 291.9 | 290.9 | 290.0 |
| 22.5° | 324.3 | 315.8 | 308.5 | 301.6 | 293.8 | 289.7 | 287.8 | 285.9 | 284.7 | 284.0 | 283.2 |
| 25° | 308.9 | 301.4 | 293.3 | 287.1 | 280.9 | 278.1 | 276.9 | 275.9 | 275.0 | 274.0 | 273.8 |
| 27.5° | 295.2 | 287.0 | 280.4 | 274.6 | 270.1 | 267.9 | 266.6 | 266.2 | 266.4 | 266.7 | 267.0 |
| 30° | 284.8 | 277.3 | 272.0 | 267.0 | 262.8 | 260.7 | 260.5 | 260.5 | 261.4 | 261.5 | 262.0 |
| 32.5° | 275.4 | 269.2 | 263.8 | 259.0 | 255.8 | 254.4 | 255.2 | 255.2 | 255.8 | 256.4 | 257.2 |
| 35° | 261.5 | 256.1 | 252.0 | 247.8 | 245.1 | 245.8 | 246.2 | 246.6 | 247.6 | 248.9 | 249.7 |
| 37.5° | 248.3 | 243.7 | 239.3 | 236.1 | 234.9 | 235.9 | 237.0 | 237.8 | 239.1 | 240.0 | 240.9 |
| 40° | 238.9 | 235.3 | 231.2 | 228.3 | 228.7 | 229.3 | 230.2 | 231.2 | 232.3 | 232.9 | 233.7 |
| 42.5° | 230.1 | 226.4 | 223.2 | 220.8 | 221.4 | 222.2 | 222.7 | 223.2 | 224.4 | 225.6 | 226.0 |
| 45° | 216.7 | 213.7 | 210.9 | 209.4 | 209.8 | 210.3 | 210.6 | 211.2 | 212.3 | 213.1 | 213.4 |
| 47.5° | 201.6 | 199.6 | 197.6 | 196.2 | 196.9 | 196.7 | 197.2 | 198.6 | 198.9 | 199.4 | 200.5 |
| 50° | 192.0 | 190.1 | 187.8 | 187.3 | 187.3 | 187.3 | 187.6 | 189.2 | 189.2 | 190.1 | 190.9 |
| 52.5° | 181.3 | 180.1 | 178.7 | 177.9 | 177.5 | 177.5 | 178.4 | 179.2 | 179.6 | 180.7 | 181.6 |
| 55° | 165.6 | 164.3 | 163.1 | 162.5 | 162.0 | 162.5 | 164.1 | 164.5 | 165.6 | 166.2 | 166.8 |
| 57.5° | 149.2 | 148.2 | 147.2 | 146.9 | 146.8 | 147.3 | 148.2 | 149.5 | 149.7 | 151.7 | 152.6 |
| 60° | 138.4 | 136.9 | 136.1 | 136.1 | 135.6 | 137.5 | 137.1 | 139.2 | 139.6 | 140.9 | 142.3 |
| 62.5° | 127.2 | 125.3 | 124.9 | 124.9 | 125.6 | 126.1 | 126.6 | 127.5 | 128.7 | 130.2 | 131.3 |
| 65° | 109.2 | 108.3 | 109.7 | 109.5 | 109.1 | 110.3 | 110.3 | 111.4 | 112.6 | 114.0 | 116.4 |
| 67.5° | 92.3 | 91.8 | 91.8 | 91.8 | 92.5 | 93.2 | 93.8 | 94.7 | 96.2 | 97.7 | 99.2 |
| 70° | 80.8 | 81.4 | 80.4 | 81.2 | 81.9 | 82.0 | 82.5 | 83.7 | 85.3 | 86.4 | 88.1 |
| 72.5° | 69.6 | 69.6 | 69.7 | 70.1 | 70.7 | 71.1 | 71.5 | 72.9 | 74.7 | 75.6 | 77.0 |
| 75° | 53.6 | 53.4 | 54.0 | 54.0 | 55.0 | 55.5 | 55.9 | 56.5 | 58.1 | 59.4 | 60.5 |
| 77.5° | 39.1 | 39.4 | 39.2 | 39.9 | 39.7 | 39.8 | 41.0 | 41.6 | 41.8 | 44.3 | 44.9 |
| 80° | 29.5 | 29.9 | 30.1 | 30.3 | 30.5 | 30.1 | 31.6 | 32.2 | 32.2 | 33.6 | 34.7 |
| 82.5° | 21.2 | 21.4 | 21.9 | 22.2 | 22.2 | 22.6 | 22.7 | 23.2 | 23.7 | 24.3 | 25.7 |
| 85° | 10.6 | 11.2 | 11.4 | 11.2 | 11.4 | 11.0 | 11.6 | 11.9 | 12.0 | 12.0 | 12.0 |
| 87.5° | 6.0 | 6.9 | 7.5 | 8.4 | 9.0 | 10.0 | 10.2 | 10.1 | 10.3 | 11.1 | 10.6 |
| 90° | 13.3 | 16.8 | 20.6 | 24.5 | 28.4 | 32.3 | 33.4 | 34.7 | 35.8 | 37.1 | 38.0 |
| 92.5° | 40.7 | 42.8 | 45.0 | 47.2 | 49.4 | 51.6 | 52.6 | 53.5 | 54.5 | 55.5 | 55.7 |
| 95° | 87.7 | 90.0 | 92.3 | 94.7 | 97.1 | 99.5 | 100.7 | 101.9 | 103.1 | 104.2 | 104.9 |
| 97.5° | 147.1 | 148.7 | 150.5 | 152.2 | 154.0 | 155.7 | 157.1 | 158.5 | 159.8 | 161.2 | 161.8 |
| 100° | 190.0 | 191.7 | 193.1 | 194.7 | 196.2 | 197.7 | 198.6 | 199.5 | 200.4 | 201.3 | 202.0 |
| 102.5° | 235.6 | 237.1 | 239.1 | 241.0 | 243.0 | 245.0 | 245.9 | 246.8 | 247.7 | 248.6 | 249.0 |
| 105° | 305.0 | 306.6 | 309.2 | 311.9 | 314.7 | 317.4 | 317.4 | 317.4 | 317.4 | 317.4 | 317.6 |
| 107.5° | 386.8 | 387.5 | 388.6 | 389.7 | 390.7 | 391.8 | 392.8 | 393.8 | 394.7 | 395.7 | 395.9 |
| 110° | 439.4 | 440.0 | 440.6 | 441.2 | 441.8 | 442.4 | 443.6 | 444.8 | 445.9 | 447.2 | 447.5 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 492.2 | 492.5 | 492.6 | 492.7 | 492.8 | 492.9 | 494.4 | 495.8 | 497.2 | 498.6 | 499.4 |
| 115° | 575.1 | 575.2 | 574.6 | 574.0 | 573.5 | 572.8 | 573.1 | 573.5 | 573.7 | 574.0 | 574.0 |
| 117.5° | 655.1 | 655.0 | 654.2 | 653.4 | 652.6 | 651.9 | 651.8 | 651.8 | 651.8 | 651.7 | 651.2 |
| 120° | 710.4 | 710.6 | 709.1 | 707.6 | 706.1 | 704.6 | 704.3 | 704.0 | 703.7 | 703.4 | 702.9 |
| 122.5° | 761.3 | 761.5 | 760.7 | 759.9 | 759.2 | 758.4 | 757.6 | 756.8 | 756.1 | 755.3 | 754.5 |
| 125° | 840.0 | 840.1 | 839.5 | 838.9 | 838.3 | 837.8 | 836.5 | 835.4 | 834.1 | 832.9 | 831.7 |
| 127.5° | 918.3 | 918.9 | 918.2 | 917.6 | 916.9 | 916.2 | 914.5 | 912.9 | 911.2 | 909.5 | 908.0 |
| 130° | 969.6 | 970.4 | 969.5 | 968.6 | 967.7 | 966.8 | 965.6 | 964.4 | 963.2 | 962.1 | 960.4 |
| 132.5° | 1019.1 | 1020.0 | 1019.3 | 1018.7 | 1018.0 | 1017.4 | 1015.9 | 1014.5 | 1013.1 | 1011.6 | 1010.1 |
| 135° | 1092.3 | 1093.1 | 1092.8 | 1092.4 | 1092.2 | 1091.9 | 1090.7 | 1089.5 | 1088.2 | 1087.1 | 1086.2 |
| 137.5° | 1161.0 | 1162.2 | 1163.0 | 1163.7 | 1164.5 | 1165.3 | 1164.0 | 1162.8 | 1161.5 | 1160.3 | 1159.0 |
| 140° | 1209.4 | 1210.3 | 1210.7 | 1210.9 | 1211.2 | 1211.6 | 1211.2 | 1210.9 | 1210.7 | 1210.3 | 1209.2 |
| 142.5° | 1253.6 | 1254.5 | 1255.1 | 1255.6 | 1256.2 | 1256.7 | 1256.4 | 1256.2 | 1255.8 | 1255.5 | 1254.5 |
| 145° | 1318.8 | 1319.6 | 1320.4 | 1321.3 | 1322.2 | 1323.1 | 1322.9 | 1322.5 | 1322.2 | 1322.0 | 1321.2 |
| 147.5° | 1381.0 | 1381.9 | 1382.8 | 1383.6 | 1384.4 | 1385.3 | 1385.3 | 1385.3 | 1385.3 | 1385.3 | 1384.4 |
| 150° | 1421.0 | 1421.6 | 1422.2 | 1422.8 | 1423.3 | 1424.0 | 1424.0 | 1424.0 | 1424.0 | 1424.0 | 1423.1 |
| 152.5° | 1456.3 | 1457.0 | 1457.3 | 1457.7 | 1458.0 | 1458.4 | 1458.9 | 1459.4 | 1459.8 | 1460.4 | 1459.8 |
| 155° | 1507.3 | 1507.5 | 1507.8 | 1508.1 | 1508.4 | 1508.7 | 1509.9 | 1511.1 | 1512.3 | 1513.5 | 1513.1 |
| 157.5° | 1552.2 | 1552.1 | 1552.4 | 1552.6 | 1552.8 | 1553.1 | 1554.3 | 1555.6 | 1556.8 | 1558.1 | 1557.9 |
| 160° | 1580.3 | 1579.9 | 1579.9 | 1579.9 | 1579.9 | 1579.9 | 1581.4 | 1583.0 | 1584.5 | 1585.9 | 1586.1 |
| 162.5° | 1605.2 | 1604.8 | 1605.1 | 1605.3 | 1605.5 | 1605.8 | 1607.3 | 1608.7 | 1610.3 | 1611.8 | 1611.6 |
| 165° | 1638.3 | 1637.8 | 1637.8 | 1637.8 | 1637.8 | 1637.8 | 1639.6 | 1641.4 | 1643.2 | 1644.9 | 1644.8 |
| 167.5° | 1663.7 | 1663.2 | 1663.4 | 1663.7 | 1663.9 | 1664.1 | 1666.0 | 1667.9 | 1669.7 | 1671.5 | 1671.5 |
| 170° | 1678.7 | 1678.1 | 1678.1 | 1678.1 | 1678.1 | 1678.1 | 1680.3 | 1682.3 | 1684.4 | 1686.5 | 1686.5 |
| 172.5° | 1690.6 | 1690.0 | 1690.0 | 1690.0 | 1690.0 | 1690.0 | 1691.8 | 1693.6 | 1695.5 | 1697.4 | 1697.3 |
| 175° | 1702.9 | 1702.4 | 1702.4 | 1702.4 | 1702.4 | 1702.4 | 1704.1 | 1705.9 | 1707.7 | 1709.5 | 1709.3 |
| 177.5° | 1709.0 | 1708.5 | 1708.5 | 1708.5 | 1708.5 | 1708.5 | 1709.9 | 1711.4 | 1712.8 | 1714.2 | 1714.1 |
| 180° | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 |
| 2.5° | 410.0 | 409.8 | 411.0 | 410.2 | 411.0 | 409.8 | 410.0 | 411.2 | 411.5 | 411.6 | 411.6 |
| 5° | 381.7 | 382.3 | 380.1 | 380.1 | 380.1 | 382.3 | 381.7 | 382.9 | 383.9 | 384.8 | 385.9 |
| 7.5° | 356.3 | 355.4 | 355.5 | 354.4 | 355.5 | 355.4 | 356.3 | 357.3 | 358.6 | 360.5 | 362.2 |
| 10° | 340.9 | 339.7 | 339.2 | 339.5 | 339.2 | 339.7 | 340.9 | 343.4 | 344.2 | 345.9 | 347.8 |
| 12.5° | 328.1 | 327.9 | 325.1 | 325.1 | 325.1 | 327.9 | 328.1 | 328.8 | 330.6 | 334.1 | 336.3 |
| 15° | 313.1 | 309.2 | 308.7 | 310.0 | 308.7 | 309.2 | 313.1 | 313.1 | 313.9 | 316.6 | 317.8 |
| 17.5° | 298.0 | 295.9 | 296.0 | 295.4 | 296.0 | 295.9 | 298.0 | 298.3 | 299.0 | 301.2 | 302.8 |
| 20° | 290.0 | 288.7 | 288.6 | 287.1 | 288.6 | 288.7 | 290.0 | 290.0 | 290.9 | 291.9 | 293.6 |
| 22.5° | 282.7 | 282.3 | 282.4 | 280.8 | 282.4 | 282.3 | 282.7 | 283.2 | 284.0 | 284.7 | 285.9 |
| 25° | 273.6 | 274.6 | 273.8 | 273.8 | 273.8 | 274.6 | 273.6 | 273.8 | 274.0 | 275.0 | 275.9 |
| 27.5° | 267.4 | 267.4 | 267.0 | 267.0 | 267.0 | 267.4 | 267.4 | 267.0 | 266.7 | 266.4 | 266.2 |
| 30° | 262.8 | 262.6 | 263.0 | 263.0 | 263.0 | 262.6 | 262.8 | 262.0 | 261.5 | 261.4 | 260.5 |
| 32.5° | 258.2 | 258.4 | 258.5 | 258.7 | 258.5 | 258.4 | 258.2 | 257.2 | 256.4 | 255.8 | 255.2 |
| 35° | 250.9 | 251.2 | 251.8 | 251.4 | 251.8 | 251.2 | 250.9 | 249.7 | 248.9 | 247.6 | 246.6 |
| 37.5° | 241.2 | 242.2 | 242.0 | 242.3 | 242.0 | 242.2 | 241.2 | 240.9 | 240.0 | 239.1 | 237.8 |
| 40° | 233.9 | 234.5 | 234.3 | 234.3 | 234.3 | 234.5 | 233.9 | 233.7 | 232.9 | 232.3 | 231.2 |
| 42.5° | 226.4 | 226.9 | 226.3 | 226.0 | 226.3 | 226.9 | 226.4 | 226.0 | 225.6 | 224.4 | 223.2 |
| 45° | 214.2 | 213.7 | 214.4 | 213.6 | 214.4 | 213.7 | 214.2 | 213.4 | 213.1 | 212.3 | 211.2 |
| 47.5° | 200.5 | 200.9 | 201.1 | 201.7 | 201.1 | 200.9 | 200.5 | 200.5 | 199.4 | 198.9 | 198.6 |
| 50° | 191.4 | 192.6 | 192.6 | 192.3 | 192.6 | 192.6 | 191.4 | 190.9 | 190.1 | 189.2 | 189.2 |
| 52.5° | 182.4 | 182.9 | 183.8 | 183.7 | 183.8 | 182.9 | 182.4 | 181.6 | 180.7 | 179.6 | 179.2 |
| 55° | 168.4 | 168.9 | 169.3 | 169.5 | 169.3 | 168.9 | 168.4 | 166.8 | 166.2 | 165.6 | 164.5 |
| 57.5° | 154.1 | 153.9 | 154.9 | 155.2 | 154.9 | 153.9 | 154.1 | 152.6 | 151.7 | 149.7 | 149.5 |
| 60° | 143.9 | 143.9 | 145.6 | 146.2 | 145.6 | 143.9 | 143.9 | 142.3 | 140.9 | 139.6 | 139.2 |
| 62.5° | 133.1 | 133.8 | 135.5 | 134.6 | 135.5 | 133.8 | 133.1 | 131.3 | 130.2 | 128.7 | 127.5 |
| 65° | 117.3 | 119.0 | 118.9 | 119.7 | 118.9 | 119.0 | 117.3 | 116.4 | 114.0 | 112.6 | 111.4 |
| 67.5° | 100.9 | 101.9 | 103.4 | 103.5 | 103.4 | 101.9 | 100.9 | 99.2 | 97.7 | 96.2 | 94.7 |
| 70° | 89.7 | 90.8 | 91.6 | 92.2 | 91.6 | 90.8 | 89.7 | 88.1 | 86.4 | 85.3 | 83.7 |
| 72.5° | 78.9 | 79.5 | 81.5 | 80.6 | 81.5 | 79.5 | 78.9 | 77.0 | 75.6 | 74.7 | 72.9 |
| 75° | 61.9 | 63.4 | 64.6 | 64.0 | 64.6 | 63.4 | 61.9 | 60.5 | 59.4 | 58.1 | 56.5 |
| 77.5° | 45.7 | 47.3 | 47.8 | 47.3 | 47.8 | 47.3 | 45.7 | 44.9 | 44.3 | 41.8 | 41.6 |
| 80° | 36.1 | 35.9 | 37.2 | 37.0 | 37.2 | 35.9 | 36.1 | 34.7 | 33.6 | 32.2 | 32.2 |
| 82.5° | 26.5 | 26.3 | 26.8 | 27.0 | 26.8 | 26.3 | 26.5 | 25.7 | 24.3 | 23.7 | 23.2 |
| 85° | 12.8 | 13.5 | 12.7 | 12.5 | 12.7 | 13.5 | 12.8 | 12.0 | 12.0 | 12.0 | 11.9 |
| 87.5° | 10.7 | 10.8 | 10.8 | 10.7 | 10.8 | 10.8 | 10.7 | 10.6 | 11.1 | 10.3 | 10.1 |
| 90° | 38.5 | 39.1 | 39.8 | 40.3 | 39.8 | 39.1 | 38.5 | 38.0 | 37.1 | 35.8 | 34.7 |
| 92.5° | 55.4 | 55.0 | 54.7 | 54.3 | 54.7 | 55.0 | 55.4 | 55.7 | 55.5 | 54.5 | 53.5 |
| 95° | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 | 104.2 | 103.1 | 101.9 |
| 97.5° | 161.8 | 161.6 | 161.5 | 161.4 | 161.5 | 161.6 | 161.8 | 161.8 | 161.2 | 159.8 | 158.5 |
| 100° | 202.6 | 203.2 | 203.8 | 204.4 | 203.8 | 203.2 | 202.6 | 202.0 | 201.3 | 200.4 | 199.5 |
| 102.5° | 248.9 | 248.7 | 248.6 | 248.5 | 248.6 | 248.7 | 248.9 | 249.0 | 248.6 | 247.7 | 246.8 |
| 105° | 318.3 | 318.9 | 319.4 | 320.0 | 319.4 | 318.9 | 318.3 | 317.6 | 317.4 | 317.4 | 317.4 |
| 107.5° | 395.6 | 395.2 | 394.8 | 394.5 | 394.8 | 395.2 | 395.6 | 395.9 | 395.7 | 394.7 | 393.8 |
| 110° | 446.8 | 446.3 | 445.7 | 445.1 | 445.7 | 446.3 | 446.8 | 447.5 | 447.2 | 445.9 | 444.8 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 499.3 | 499.1 | 499.0 | 498.8 | 499.0 | 499.1 | 499.3 | 499.4 | 498.6 | 497.2 | 495.8 |
| 115° | 573.7 | 573.5 | 573.1 | 572.8 | 573.1 | 573.5 | 573.7 | 574.0 | 574.0 | 573.7 | 573.5 |
| 117.5° | 650.3 | 649.5 | 648.7 | 647.8 | 648.7 | 649.5 | 650.3 | 651.2 | 651.7 | 651.8 | 651.8 |
| 120° | 702.4 | 701.8 | 701.2 | 700.5 | 701.2 | 701.8 | 702.4 | 702.9 | 703.4 | 703.7 | 704.0 |
| 122.5° | 753.7 | 752.8 | 752.0 | 751.1 | 752.0 | 752.8 | 753.7 | 754.5 | 755.3 | 756.1 | 756.8 |
| 125° | 830.5 | 829.4 | 828.1 | 827.0 | 828.1 | 829.4 | 830.5 | 831.7 | 832.9 | 834.1 | 835.4 |
| 127.5° | 906.7 | 905.3 | 903.9 | 902.5 | 903.9 | 905.3 | 906.7 | 908.0 | 909.5 | 911.2 | 912.9 |
| 130° | 958.3 | 956.2 | 954.1 | 952.0 | 954.1 | 956.2 | 958.3 | 960.4 | 962.1 | 963.2 | 964.4 |
| 132.5° | 1008.5 | 1006.9 | 1005.2 | 1003.6 | 1005.2 | 1006.9 | 1008.5 | 1010.1 | 1011.6 | 1013.1 | 1014.5 |
| 135° | 1085.6 | 1084.9 | 1084.4 | 1083.8 | 1084.4 | 1084.9 | 1085.6 | 1086.2 | 1087.1 | 1088.2 | 1089.5 |
| 137.5° | 1157.9 | 1156.8 | 1155.7 | 1154.5 | 1155.7 | 1156.8 | 1157.9 | 1159.0 | 1160.3 | 1161.5 | 1162.8 |
| 140° | 1207.0 | 1205.0 | 1202.8 | 1200.8 | 1202.8 | 1205.0 | 1207.0 | 1209.2 | 1210.3 | 1210.7 | 1210.9 |
| 142.5° | 1252.9 | 1251.3 | 1249.7 | 1248.1 | 1249.7 | 1251.3 | 1252.9 | 1254.5 | 1255.5 | 1255.8 | 1256.2 |
| 145° | 1320.0 | 1318.8 | 1317.6 | 1316.4 | 1317.6 | 1318.8 | 1320.0 | 1321.2 | 1322.0 | 1322.2 | 1322.5 |
| 147.5° | 1382.6 | 1380.8 | 1378.9 | 1377.2 | 1378.9 | 1380.8 | 1382.6 | 1384.4 | 1385.3 | 1385.3 | 1385.3 |
| 150° | 1421.3 | 1419.5 | 1417.7 | 1415.9 | 1417.7 | 1419.5 | 1421.3 | 1423.1 | 1424.0 | 1424.0 | 1424.0 |
| 152.5° | 1458.2 | 1456.7 | 1455.1 | 1453.6 | 1455.1 | 1456.7 | 1458.2 | 1459.8 | 1460.4 | 1459.8 | 1459.4 |
| 155° | 1510.9 | 1508.9 | 1506.7 | 1504.7 | 1506.7 | 1508.9 | 1510.9 | 1513.1 | 1513.5 | 1512.3 | 1511.1 |
| 157.5° | 1556.2 | 1554.5 | 1552.8 | 1551.2 | 1552.8 | 1554.5 | 1556.2 | 1557.9 | 1558.1 | 1556.8 | 1555.6 |
| 160° | 1584.9 | 1583.7 | 1582.5 | 1581.3 | 1582.5 | 1583.7 | 1584.9 | 1586.1 | 1585.9 | 1584.5 | 1583.0 |
| 162.5° | 1609.6 | 1607.8 | 1605.8 | 1603.9 | 1605.8 | 1607.8 | 1609.6 | 1611.6 | 1611.8 | 1610.3 | 1608.7 |
| 165° | 1642.7 | 1640.7 | 1638.5 | 1636.5 | 1638.5 | 1640.7 | 1642.7 | 1644.8 | 1644.9 | 1643.2 | 1641.4 |
| 167.5° | 1669.7 | 1667.9 | 1666.0 | 1664.1 | 1666.0 | 1667.9 | 1669.7 | 1671.5 | 1671.5 | 1669.7 | 1667.9 |
| 170° | 1684.4 | 1682.3 | 1680.3 | 1678.1 | 1680.3 | 1682.3 | 1684.4 | 1686.5 | 1686.5 | 1684.4 | 1682.3 |
| 172.5° | 1695.1 | 1693.1 | 1691.0 | 1688.9 | 1691.0 | 1693.1 | 1695.1 | 1697.3 | 1697.4 | 1695.5 | 1693.6 |
| 175° | 1707.3 | 1705.1 | 1703.1 | 1701.0 | 1703.1 | 1705.1 | 1707.3 | 1709.3 | 1709.5 | 1707.7 | 1705.9 |
| 177.5° | 1712.4 | 1710.7 | 1709.1 | 1707.4 | 1709.1 | 1710.7 | 1712.4 | 1714.1 | 1714.2 | 1712.8 | 1711.4 |
| 180° | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 |
| 2.5° | 411.2 | 411.2 | 414.3 | 416.3 | 418.8 | 420.4 | 421.6 | 422.8 | 424.8 | 427.4 | 430.4 |
| 5° | 387.6 | 388.4 | 393.1 | 397.6 | 402.0 | 405.7 | 408.8 | 412.6 | 417.1 | 422.8 | 429.0 |
| 7.5° | 364.9 | 368.1 | 372.6 | 378.3 | 384.3 | 389.8 | 395.3 | 401.4 | 408.0 | 416.2 | 424.9 |
| 10° | 350.3 | 353.7 | 359.4 | 366.5 | 372.9 | 379.3 | 386.2 | 392.8 | 400.9 | 410.7 | 422.0 |
| 12.5° | 337.4 | 340.8 | 346.6 | 354.3 | 360.4 | 367.6 | 375.4 | 384.1 | 393.2 | 404.8 | 417.6 |
| 15° | 319.7 | 323.7 | 330.7 | 334.5 | 343.8 | 352.3 | 359.6 | 372.0 | 383.7 | 395.7 | 410.5 |
| 17.5° | 305.1 | 307.4 | 313.1 | 320.0 | 327.0 | 336.6 | 346.1 | 356.5 | 368.1 | 382.8 | 401.3 |
| 20° | 295.2 | 297.0 | 303.3 | 310.6 | 318.1 | 326.8 | 335.3 | 345.7 | 358.7 | 374.3 | 394.3 |
| 22.5° | 287.8 | 289.7 | 293.8 | 301.6 | 308.5 | 315.8 | 324.3 | 336.7 | 350.6 | 365.9 | 387.4 |
| 25° | 276.9 | 278.1 | 280.9 | 287.1 | 293.3 | 301.4 | 308.9 | 320.6 | 334.8 | 352.8 | 374.3 |
| 27.5° | 266.6 | 267.9 | 270.1 | 274.6 | 280.4 | 287.0 | 295.2 | 305.0 | 319.5 | 338.9 | 361.9 |
| 30° | 260.5 | 260.7 | 262.8 | 267.0 | 272.0 | 277.3 | 284.8 | 296.0 | 309.8 | 329.5 | 353.6 |
| 32.5° | 255.2 | 254.4 | 255.8 | 259.0 | 263.8 | 269.2 | 275.4 | 286.4 | 299.6 | 319.0 | 343.8 |
| 35° | 246.2 | 245.8 | 245.1 | 247.8 | 252.0 | 256.1 | 261.5 | 269.8 | 284.8 | 302.9 | 328.9 |
| 37.5° | 237.0 | 235.9 | 234.9 | 236.1 | 239.3 | 243.7 | 248.3 | 255.7 | 268.7 | 288.6 | 313.4 |
| 40° | 230.2 | 229.3 | 228.7 | 228.3 | 231.2 | 235.3 | 238.9 | 245.9 | 258.0 | 276.9 | 301.4 |
| 42.5° | 222.7 | 222.2 | 221.4 | 220.8 | 223.2 | 226.4 | 230.1 | 236.3 | 248.3 | 266.1 | 289.3 |
| 45° | 210.6 | 210.3 | 209.8 | 209.4 | 210.9 | 213.7 | 216.7 | 221.2 | 231.7 | 248.9 | 269.8 |
| 47.5° | 197.2 | 196.7 | 196.9 | 196.2 | 197.6 | 199.6 | 201.6 | 206.5 | 216.4 | 230.4 | 245.8 |
| 50° | 187.6 | 187.3 | 187.3 | 187.3 | 187.8 | 190.1 | 192.0 | 195.7 | 204.8 | 218.7 | 229.8 |
| 52.5° | 178.4 | 177.5 | 177.5 | 177.9 | 178.7 | 180.1 | 181.3 | 185.4 | 193.3 | 204.8 | 214.8 |
| 55° | 164.1 | 162.5 | 162.0 | 162.5 | 163.1 | 164.3 | 165.6 | 168.9 | 175.8 | 184.2 | 190.1 |
| 57.5° | 148.2 | 147.3 | 146.8 | 146.9 | 147.2 | 148.2 | 149.2 | 152.8 | 158.2 | 162.6 | 166.4 |
| 60° | 137.1 | 137.5 | 135.6 | 136.1 | 136.1 | 136.9 | 138.4 | 140.6 | 145.2 | 148.3 | 152.0 |
| 62.5° | 126.6 | 126.1 | 125.6 | 124.9 | 124.9 | 125.3 | 127.2 | 129.0 | 133.0 | 134.6 | 137.4 |
| 65° | 110.3 | 110.3 | 109.1 | 109.5 | 109.7 | 108.3 | 109.2 | 111.4 | 113.9 | 114.5 | 117.2 |
| 67.5° | 93.8 | 93.2 | 92.5 | 91.8 | 91.8 | 91.8 | 92.3 | 93.3 | 95.1 | 95.4 | 97.5 |
| 70° | 82.5 | 82.0 | 81.9 | 81.2 | 80.4 | 81.4 | 80.8 | 81.9 | 82.9 | 83.1 | 84.4 |
| 72.5° | 71.5 | 71.1 | 70.7 | 70.1 | 69.7 | 69.6 | 69.6 | 70.9 | 71.6 | 71.3 | 72.7 |
| 75° | 55.9 | 55.5 | 55.0 | 54.0 | 54.0 | 53.4 | 53.6 | 54.4 | 55.3 | 54.7 | 55.9 |
| 77.5° | 41.0 | 39.8 | 39.7 | 39.9 | 39.2 | 39.4 | 39.1 | 39.1 | 39.4 | 39.4 | 40.6 |
| 80° | 31.6 | 30.1 | 30.5 | 30.3 | 30.1 | 29.9 | 29.5 | 29.7 | 29.9 | 30.1 | 30.8 |
| 82.5° | 22.7 | 22.6 | 22.2 | 22.2 | 21.9 | 21.4 | 21.2 | 21.6 | 21.8 | 21.7 | 22.1 |
| 85° | 11.6 | 11.0 | 11.4 | 11.2 | 11.4 | 11.2 | 10.6 | 10.6 | 11.0 | 10.8 | 11.2 |
| 87.5° | 10.2 | 10.0 | 9.0 | 8.4 | 7.5 | 6.9 | 6.0 | 5.5 | 5.1 | 4.5 | 4.3 |
| 90° | 33.4 | 32.3 | 28.4 | 24.5 | 20.6 | 16.8 | 13.3 | 10.3 | 7.3 | 4.4 | 1.3 |
| 92.5° | 52.6 | 51.6 | 49.4 | 47.2 | 45.0 | 42.8 | 40.7 | 38.6 | 36.6 | 34.6 | 32.5 |
| 95° | 100.7 | 99.5 | 97.1 | 94.7 | 92.3 | 90.0 | 87.7 | 85.6 | 83.6 | 81.4 | 79.4 |
| 97.5° | 157.1 | 155.7 | 154.0 | 152.2 | 150.5 | 148.7 | 147.1 | 145.6 | 144.0 | 142.5 | 140.9 |
| 100° | 198.6 | 197.7 | 196.2 | 194.7 | 193.1 | 191.7 | 190.0 | 188.2 | 186.5 | 184.7 | 182.9 |
| 102.5° | 245.9 | 245.0 | 243.0 | 241.0 | 239.1 | 237.1 | 235.6 | 234.5 | 233.4 | 232.4 | 231.3 |
| 105° | 317.4 | 317.4 | 314.7 | 311.9 | 309.2 | 306.6 | 305.0 | 304.3 | 303.7 | 303.2 | 302.6 |
| 107.5° | 392.8 | 391.8 | 390.7 | 389.7 | 388.6 | 387.5 | 386.8 | 386.5 | 386.1 | 385.8 | 385.4 |
| 110° | 443.6 | 442.4 | 441.8 | 441.2 | 440.6 | 440.0 | 439.4 | 438.8 | 438.2 | 437.7 | 437.0 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 494.4 | 492.9 | 492.8 | 492.7 | 492.6 | 492.5 | 492.2 | 491.9 | 491.5 | 491.2 | 490.8 |
| 115° | 573.1 | 572.8 | 573.5 | 574.0 | 574.6 | 575.2 | 575.1 | 574.2 | 573.3 | 572.4 | 571.5 |
| 117.5° | 651.8 | 651.9 | 652.6 | 653.4 | 654.2 | 655.0 | 655.1 | 654.5 | 653.9 | 653.3 | 652.7 |
| 120° | 704.3 | 704.6 | 706.1 | 707.6 | 709.1 | 710.6 | 710.4 | 708.6 | 706.9 | 705.1 | 703.3 |
| 122.5° | 757.6 | 758.4 | 759.2 | 759.9 | 760.7 | 761.5 | 761.3 | 759.9 | 758.6 | 757.2 | 756.0 |
| 125° | 836.5 | 837.8 | 838.3 | 838.9 | 839.5 | 840.1 | 840.0 | 839.1 | 838.2 | 837.2 | 836.3 |
| 127.5° | 914.5 | 916.2 | 916.9 | 917.6 | 918.2 | 918.9 | 918.3 | 916.3 | 914.4 | 912.5 | 910.6 |
| 130° | 965.6 | 966.8 | 967.7 | 968.6 | 969.5 | 970.4 | 969.6 | 967.2 | 964.8 | 962.5 | 960.1 |
| 132.5° | 1015.9 | 1017.4 | 1018.0 | 1018.7 | 1019.3 | 1020.0 | 1019.1 | 1016.7 | 1014.3 | 1011.9 | 1009.6 |
| 135° | 1090.7 | 1091.9 | 1092.2 | 1092.4 | 1092.8 | 1093.1 | 1092.3 | 1090.5 | 1088.7 | 1086.9 | 1085.1 |
| 137.5° | 1164.0 | 1165.3 | 1164.5 | 1163.7 | 1163.0 | 1162.2 | 1161.0 | 1159.6 | 1158.1 | 1156.5 | 1155.0 |
| 140° | 1211.2 | 1211.6 | 1211.2 | 1210.9 | 1210.7 | 1210.3 | 1209.4 | 1207.9 | 1206.5 | 1205.0 | 1203.5 |
| 142.5° | 1256.4 | 1256.7 | 1256.2 | 1255.6 | 1255.1 | 1254.5 | 1253.6 | 1252.1 | 1250.5 | 1249.0 | 1247.6 |
| 145° | 1322.9 | 1323.1 | 1322.2 | 1321.3 | 1320.4 | 1319.6 | 1318.8 | 1318.2 | 1317.6 | 1317.1 | 1316.4 |
| 147.5° | 1385.3 | 1385.3 | 1384.4 | 1383.6 | 1382.8 | 1381.9 | 1381.0 | 1379.9 | 1378.8 | 1377.7 | 1376.6 |
| 150° | 1424.0 | 1424.0 | 1423.3 | 1422.8 | 1422.2 | 1421.6 | 1421.0 | 1420.4 | 1419.8 | 1419.2 | 1418.6 |
| 152.5° | 1458.9 | 1458.4 | 1458.0 | 1457.7 | 1457.3 | 1457.0 | 1456.3 | 1455.5 | 1454.7 | 1453.8 | 1453.0 |
| 155° | 1509.9 | 1508.7 | 1508.4 | 1508.1 | 1507.8 | 1507.5 | 1507.3 | 1507.3 | 1507.3 | 1507.3 | 1507.3 |
| 157.5° | 1554.3 | 1553.1 | 1552.8 | 1552.6 | 1552.4 | 1552.1 | 1552.2 | 1552.6 | 1552.9 | 1553.3 | 1553.6 |
| 160° | 1581.4 | 1579.9 | 1579.9 | 1579.9 | 1579.9 | 1579.9 | 1580.3 | 1580.8 | 1581.4 | 1582.1 | 1582.7 |
| 162.5° | 1607.3 | 1605.8 | 1605.5 | 1605.3 | 1605.1 | 1604.8 | 1605.2 | 1606.0 | 1606.8 | 1607.7 | 1608.5 |
| 165° | 1639.6 | 1637.8 | 1637.8 | 1637.8 | 1637.8 | 1637.8 | 1638.3 | 1639.1 | 1640.0 | 1640.9 | 1641.8 |
| 167.5° | 1666.0 | 1664.1 | 1663.9 | 1663.7 | 1663.4 | 1663.2 | 1663.7 | 1664.8 | 1666.1 | 1667.2 | 1668.5 |
| 170° | 1680.3 | 1678.1 | 1678.1 | 1678.1 | 1678.1 | 1678.1 | 1678.7 | 1679.9 | 1681.1 | 1682.3 | 1683.5 |
| 172.5° | 1691.8 | 1690.0 | 1690.0 | 1690.0 | 1690.0 | 1690.0 | 1690.6 | 1691.8 | 1692.9 | 1694.2 | 1695.3 |
| 175° | 1704.1 | 1702.4 | 1702.4 | 1702.4 | 1702.4 | 1702.4 | 1702.9 | 1704.1 | 1705.3 | 1706.6 | 1707.7 |
| 177.5° | 1709.9 | 1708.5 | 1708.5 | 1708.5 | 1708.5 | 1708.5 | 1709.0 | 1709.9 | 1710.9 | 1711.9 | 1712.8 |
| 180° | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 |
| 2.5° | 431.4 | 432.3 | 435.1 | 437.1 | 439.4 | 440.8 | 442.0 | 443.1 | 444.4 | 444.7 | 449.5 |
| 5° | 433.4 | 437.5 | 444.8 | 450.1 | 456.8 | 464.0 | 469.0 | 471.4 | 477.4 | 482.3 | 492.3 |
| 7.5° | 432.8 | 441.7 | 452.6 | 464.0 | 476.2 | 487.5 | 497.3 | 509.0 | 517.2 | 529.7 | 541.9 |
| 10° | 432.3 | 444.2 | 458.3 | 472.8 | 489.8 | 505.6 | 519.8 | 535.6 | 548.7 | 565.9 | 580.6 |
| 12.5° | 430.8 | 445.1 | 464.8 | 482.0 | 502.7 | 524.4 | 545.4 | 565.6 | 577.2 | 605.9 | 619.5 |
| 15° | 427.1 | 444.2 | 468.7 | 494.8 | 523.3 | 549.0 | 575.6 | 596.8 | 631.1 | 656.2 | 672.3 |
| 17.5° | 420.1 | 443.9 | 473.0 | 504.5 | 539.1 | 573.1 | 603.2 | 635.3 | 671.7 | 702.1 | 734.6 |
| 20° | 416.7 | 442.9 | 475.3 | 510.2 | 546.2 | 584.6 | 618.8 | 657.5 | 697.1 | 727.1 | 768.7 |
| 22.5° | 410.5 | 440.2 | 475.1 | 514.0 | 552.4 | 592.2 | 632.3 | 671.3 | 717.1 | 758.3 | 797.9 |
| 25° | 400.6 | 433.7 | 469.9 | 513.4 | 558.4 | 598.2 | 646.3 | 698.0 | 745.7 | 798.8 | 838.2 |
| 27.5° | 389.9 | 425.4 | 461.6 | 502.0 | 550.5 | 597.9 | 658.3 | 716.7 | 775.1 | 820.8 | 850.1 |
| 30° | 381.8 | 416.3 | 453.7 | 494.5 | 542.4 | 598.7 | 666.2 | 730.0 | 786.9 | 826.2 | 842.6 |
| 32.5° | 373.0 | 408.0 | 441.0 | 483.8 | 534.9 | 598.2 | 671.2 | 737.8 | 787.6 | 813.7 | 810.5 |
| 35° | 359.2 | 388.4 | 420.7 | 461.8 | 522.0 | 594.5 | 674.1 | 738.5 | 769.0 | 763.4 | 721.0 |
| 37.5° | 339.2 | 363.9 | 395.6 | 440.6 | 507.1 | 586.8 | 668.2 | 716.6 | 714.6 | 669.0 | 607.5 |
| 40° | 326.8 | 347.8 | 378.3 | 425.6 | 495.4 | 581.8 | 659.2 | 690.5 | 664.0 | 600.1 | 526.6 |
| 42.5° | 310.5 | 329.8 | 360.3 | 409.0 | 482.7 | 571.8 | 641.7 | 650.8 | 598.8 | 525.4 | 458.0 |
| 45° | 285.3 | 302.3 | 333.9 | 384.1 | 463.4 | 549.7 | 599.1 | 576.8 | 506.8 | 431.1 | 379.8 |
| 47.5° | 258.1 | 275.8 | 306.1 | 357.8 | 435.7 | 516.5 | 540.0 | 492.8 | 420.9 | 359.4 | 312.3 |
| 50° | 240.9 | 258.0 | 287.8 | 339.8 | 417.0 | 489.2 | 499.0 | 437.9 | 371.8 | 317.8 | 279.2 |
| 52.5° | 223.7 | 239.7 | 268.9 | 321.3 | 395.0 | 457.6 | 451.7 | 389.4 | 328.7 | 282.6 | 252.3 |
| 55° | 198.0 | 213.1 | 240.9 | 290.0 | 357.1 | 406.7 | 385.0 | 325.6 | 275.3 | 239.5 | 216.4 |
| 57.5° | 175.0 | 189.5 | 213.5 | 257.8 | 316.1 | 350.3 | 322.5 | 272.4 | 232.5 | 204.9 | 187.8 |
| 60° | 159.3 | 172.2 | 195.1 | 236.2 | 286.9 | 312.8 | 285.4 | 241.2 | 207.5 | 185.5 | 170.1 |
| 62.5° | 144.5 | 155.8 | 176.9 | 214.3 | 258.3 | 280.1 | 252.4 | 214.9 | 186.3 | 166.7 | 153.6 |
| 65° | 122.2 | 132.3 | 151.1 | 180.1 | 216.2 | 230.8 | 206.9 | 176.6 | 154.4 | 139.8 | 131.1 |
| 67.5° | 101.7 | 110.4 | 126.5 | 149.4 | 176.0 | 186.5 | 168.4 | 144.9 | 128.1 | 116.5 | 109.6 |
| 70° | 88.1 | 95.6 | 108.3 | 128.0 | 152.0 | 160.2 | 143.1 | 123.8 | 111.6 | 102.2 | 95.8 |
| 72.5° | 76.6 | 82.1 | 93.6 | 108.9 | 128.9 | 135.4 | 123.5 | 106.6 | 95.1 | 88.1 | 82.9 |
| 75° | 58.4 | 63.0 | 70.4 | 82.7 | 96.6 | 100.3 | 91.4 | 80.8 | 73.1 | 68.1 | 64.2 |
| 77.5° | 42.1 | 45.5 | 50.8 | 58.4 | 68.0 | 71.4 | 65.8 | 58.7 | 53.1 | 49.8 | 47.5 |
| 80° | 31.7 | 34.5 | 39.1 | 45.3 | 51.1 | 53.0 | 49.7 | 44.2 | 40.3 | 38.4 | 36.6 |
| 82.5° | 23.5 | 25.0 | 27.7 | 32.0 | 35.9 | 38.2 | 35.4 | 32.1 | 30.0 | 28.3 | 27.6 |
| 85° | 11.9 | 12.7 | 13.9 | 15.6 | 18.1 | 18.9 | 17.8 | 17.0 | 15.8 | 14.7 | 14.7 |
| 87.5° | 5.2 | 5.8 | 6.9 | 7.8 | 9.2 | 10.4 | 11.1 | 11.5 | 12.1 | 12.2 | 12.2 |
| 90° | 4.4 | 7.3 | 10.3 | 13.3 | 16.8 | 20.6 | 24.5 | 28.4 | 32.3 | 33.4 | 34.7 |
| 92.5° | 34.6 | 36.6 | 38.6 | 40.7 | 42.8 | 45.0 | 47.2 | 49.4 | 51.6 | 52.6 | 53.5 |
| 95° | 81.4 | 83.6 | 85.6 | 87.7 | 90.0 | 92.3 | 94.7 | 97.1 | 99.5 | 100.7 | 101.9 |
| 97.5° | 142.5 | 144.0 | 145.6 | 147.1 | 148.7 | 150.5 | 152.2 | 154.0 | 155.7 | 157.1 | 158.5 |
| 100° | 184.7 | 186.5 | 188.2 | 190.0 | 191.7 | 193.1 | 194.7 | 196.2 | 197.7 | 198.6 | 199.5 |
| 102.5° | 232.4 | 233.4 | 234.5 | 235.6 | 237.1 | 239.1 | 241.0 | 243.0 | 245.0 | 245.9 | 246.8 |
| 105° | 303.2 | 303.7 | 304.3 | 305.0 | 306.6 | 309.2 | 311.9 | 314.7 | 317.4 | 317.4 | 317.4 |
| 107.5° | 385.8 | 386.1 | 386.5 | 386.8 | 387.5 | 388.6 | 389.7 | 390.7 | 391.8 | 392.8 | 393.8 |
| 110° | 437.7 | 438.2 | 438.8 | 439.4 | 440.0 | 440.6 | 441.2 | 441.8 | 442.4 | 443.6 | 444.8 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 491.2 | 491.5 | 491.9 | 492.2 | 492.5 | 492.6 | 492.7 | 492.8 | 492.9 | 494.4 | 495.8 |
| 115° | 572.4 | 573.3 | 574.2 | 575.1 | 575.2 | 574.6 | 574.0 | 573.5 | 572.8 | 573.1 | 573.5 |
| 117.5° | 653.3 | 653.9 | 654.5 | 655.1 | 655.0 | 654.2 | 653.4 | 652.6 | 651.9 | 651.8 | 651.8 |
| 120° | 705.1 | 706.9 | 708.6 | 710.4 | 710.6 | 709.1 | 707.6 | 706.1 | 704.6 | 704.3 | 704.0 |
| 122.5° | 757.2 | 758.6 | 759.9 | 761.3 | 761.5 | 760.7 | 759.9 | 759.2 | 758.4 | 757.6 | 756.8 |
| 125° | 837.2 | 838.2 | 839.1 | 840.0 | 840.1 | 839.5 | 838.9 | 838.3 | 837.8 | 836.5 | 835.4 |
| 127.5° | 912.5 | 914.4 | 916.3 | 918.3 | 918.9 | 918.2 | 917.6 | 916.9 | 916.2 | 914.5 | 912.9 |
| 130° | 962.5 | 964.8 | 967.2 | 969.6 | 970.4 | 969.5 | 968.6 | 967.7 | 966.8 | 965.6 | 964.4 |
| 132.5° | 1011.9 | 1014.3 | 1016.7 | 1019.1 | 1020.0 | 1019.3 | 1018.7 | 1018.0 | 1017.4 | 1015.9 | 1014.5 |
| 135° | 1086.9 | 1088.7 | 1090.5 | 1092.3 | 1093.1 | 1092.8 | 1092.4 | 1092.2 | 1091.9 | 1090.7 | 1089.5 |
| 137.5° | 1156.5 | 1158.1 | 1159.6 | 1161.0 | 1162.2 | 1163.0 | 1163.7 | 1164.5 | 1165.3 | 1164.0 | 1162.8 |
| 140° | 1205.0 | 1206.5 | 1207.9 | 1209.4 | 1210.3 | 1210.7 | 1210.9 | 1211.2 | 1211.6 | 1211.2 | 1210.9 |
| 142.5° | 1249.0 | 1250.5 | 1252.1 | 1253.6 | 1254.5 | 1255.1 | 1255.6 | 1256.2 | 1256.7 | 1256.4 | 1256.2 |
| 145° | 1317.1 | 1317.6 | 1318.2 | 1318.8 | 1319.6 | 1320.4 | 1321.3 | 1322.2 | 1323.1 | 1322.9 | 1322.5 |
| 147.5° | 1377.7 | 1378.8 | 1379.9 | 1381.0 | 1381.9 | 1382.8 | 1383.6 | 1384.4 | 1385.3 | 1385.3 | 1385.3 |
| 150° | 1419.2 | 1419.8 | 1420.4 | 1421.0 | 1421.6 | 1422.2 | 1422.8 | 1423.3 | 1424.0 | 1424.0 | 1424.0 |
| 152.5° | 1453.8 | 1454.7 | 1455.5 | 1456.3 | 1457.0 | 1457.3 | 1457.7 | 1458.0 | 1458.4 | 1458.9 | 1459.4 |
| 155° | 1507.3 | 1507.3 | 1507.3 | 1507.3 | 1507.5 | 1507.8 | 1508.1 | 1508.4 | 1508.7 | 1509.9 | 1511.1 |
| 157.5° | 1553.3 | 1552.9 | 1552.6 | 1552.2 | 1552.1 | 1552.4 | 1552.6 | 1552.8 | 1553.1 | 1554.3 | 1555.6 |
| 160° | 1582.1 | 1581.4 | 1580.8 | 1580.3 | 1579.9 | 1579.9 | 1579.9 | 1579.9 | 1579.9 | 1581.4 | 1583.0 |
| 162.5° | 1607.7 | 1606.8 | 1606.0 | 1605.2 | 1604.8 | 1605.1 | 1605.3 | 1605.5 | 1605.8 | 1607.3 | 1608.7 |
| 165° | 1640.9 | 1640.0 | 1639.1 | 1638.3 | 1637.8 | 1637.8 | 1637.8 | 1637.8 | 1637.8 | 1639.6 | 1641.4 |
| 167.5° | 1667.2 | 1666.1 | 1664.8 | 1663.7 | 1663.2 | 1663.4 | 1663.7 | 1663.9 | 1664.1 | 1666.0 | 1667.9 |
| 170° | 1682.3 | 1681.1 | 1679.9 | 1678.7 | 1678.1 | 1678.1 | 1678.1 | 1678.1 | 1678.1 | 1680.3 | 1682.3 |
| 172.5° | 1694.2 | 1692.9 | 1691.8 | 1690.6 | 1690.0 | 1690.0 | 1690.0 | 1690.0 | 1690.0 | 1691.8 | 1693.6 |
| 175° | 1706.6 | 1705.3 | 1704.1 | 1702.9 | 1702.4 | 1702.4 | 1702.4 | 1702.4 | 1702.4 | 1704.1 | 1705.9 |
| 177.5° | 1711.9 | 1710.9 | 1709.9 | 1709.0 | 1708.5 | 1708.5 | 1708.5 | 1708.5 | 1708.5 | 1709.9 | 1711.4 |
| 180° | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 | 428.7 |
| 2.5° | 451.2 | 451.4 | 453.2 | 454.5 | 453.9 | 454.7 | 455.0 |
| 5° | 492.9 | 500.4 | 504.4 | 507.3 | 507.5 | 507.7 | 509.3 |
| 7.5° | 552.1 | 560.2 | 566.1 | 575.0 | 577.6 | 580.6 | 579.8 |
| 10° | 595.4 | 607.3 | 617.4 | 622.8 | 628.7 | 637.1 | 630.3 |
| 12.5° | 635.8 | 656.7 | 672.3 | 680.6 | 686.1 | 687.8 | 684.5 |
| 15° | 702.4 | 729.8 | 744.5 | 744.1 | 762.8 | 770.9 | 758.2 |
| 17.5° | 763.4 | 788.7 | 809.0 | 819.4 | 835.0 | 838.4 | 836.9 |
| 20° | 800.8 | 828.5 | 844.3 | 862.1 | 870.2 | 877.4 | 878.7 |
| 22.5° | 833.0 | 857.9 | 874.9 | 889.7 | 896.4 | 899.9 | 902.0 |
| 25° | 866.3 | 885.8 | 896.0 | 901.2 | 903.0 | 902.6 | 899.9 |
| 27.5° | 864.0 | 865.5 | 854.3 | 843.3 | 833.4 | 822.3 | 818.5 |
| 30° | 841.5 | 824.1 | 792.9 | 775.3 | 749.3 | 728.7 | 737.1 |
| 32.5° | 782.6 | 747.8 | 712.8 | 674.2 | 642.3 | 633.2 | 624.0 |
| 35° | 667.9 | 606.8 | 571.1 | 529.5 | 512.9 | 496.3 | 484.8 |
| 37.5° | 540.3 | 493.1 | 450.7 | 423.6 | 406.9 | 396.4 | 390.7 |
| 40° | 467.2 | 424.6 | 389.7 | 367.7 | 355.0 | 343.2 | 341.5 |
| 42.5° | 408.8 | 369.3 | 343.0 | 325.5 | 313.3 | 308.3 | 304.6 |
| 45° | 334.8 | 307.3 | 289.6 | 277.1 | 269.0 | 265.9 | 261.7 |
| 47.5° | 283.5 | 263.9 | 250.7 | 242.2 | 236.0 | 233.7 | 233.4 |
| 50° | 254.7 | 238.4 | 228.7 | 222.0 | 217.3 | 216.4 | 213.1 |
| 52.5° | 233.1 | 219.0 | 211.4 | 205.6 | 202.2 | 199.8 | 198.9 |
| 55° | 202.3 | 193.0 | 186.1 | 182.8 | 180.1 | 177.8 | 177.8 |
| 57.5° | 177.0 | 169.2 | 164.7 | 161.8 | 161.0 | 159.4 | 158.4 |
| 60° | 161.4 | 154.8 | 151.2 | 148.7 | 147.0 | 147.3 | 145.4 |
| 62.5° | 146.2 | 141.8 | 138.4 | 136.0 | 133.9 | 134.0 | 134.1 |
| 65° | 124.4 | 121.1 | 118.6 | 117.8 | 116.5 | 115.1 | 115.5 |
| 67.5° | 105.5 | 102.4 | 100.4 | 99.0 | 98.5 | 97.7 | 99.0 |
| 70° | 91.8 | 89.5 | 88.1 | 86.9 | 86.4 | 86.6 | 87.7 |
| 72.5° | 79.4 | 77.8 | 76.8 | 76.2 | 75.3 | 75.3 | 76.1 |
| 75° | 62.3 | 61.1 | 60.3 | 59.7 | 59.4 | 59.4 | 59.4 |
| 77.5° | 45.7 | 45.5 | 45.1 | 44.2 | 44.2 | 44.5 | 44.5 |
| 80° | 36.1 | 35.5 | 35.3 | 34.9 | 34.2 | 33.9 | 34.9 |
| 82.5° | 27.0 | 26.4 | 26.2 | 26.1 | 25.1 | 25.1 | 25.9 |
| 85° | 14.5 | 13.9 | 14.1 | 13.9 | 13.9 | 13.7 | 13.7 |
| 87.5° | 12.3 | 12.4 | 12.4 | 12.7 | 12.7 | 12.6 | 13.0 |
| 90° | 35.8 | 37.1 | 38.0 | 38.5 | 39.1 | 39.8 | 40.3 |
| 92.5° | 54.5 | 55.5 | 55.7 | 55.4 | 55.0 | 54.7 | 54.3 |
| 95° | 103.1 | 104.2 | 104.9 | 104.9 | 104.9 | 104.9 | 104.9 |
| 97.5° | 159.8 | 161.2 | 161.8 | 161.8 | 161.6 | 161.5 | 161.4 |
| 100° | 200.4 | 201.3 | 202.0 | 202.6 | 203.2 | 203.8 | 204.4 |
| 102.5° | 247.7 | 248.6 | 249.0 | 248.9 | 248.7 | 248.6 | 248.5 |
| 105° | 317.4 | 317.4 | 317.6 | 318.3 | 318.9 | 319.4 | 320.0 |
| 107.5° | 394.7 | 395.7 | 395.9 | 395.6 | 395.2 | 394.8 | 394.5 |
| 110° | 445.9 | 447.2 | 447.5 | 446.8 | 446.3 | 445.7 | 445.1 |



TEST NUMBER: P332115-940

CATALOG NUMBER: S123DIW-S340D1535U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 497.2 | 498.6 | 499.4 | 499.3 | 499.1 | 499.0 | 498.8 |
| 115° | 573.7 | 574.0 | 574.0 | 573.7 | 573.5 | 573.1 | 572.8 |
| 117.5° | 651.8 | 651.7 | 651.2 | 650.3 | 649.5 | 648.7 | 647.8 |
| 120° | 703.7 | 703.4 | 702.9 | 702.4 | 701.8 | 701.2 | 700.5 |
| 122.5° | 756.1 | 755.3 | 754.5 | 753.7 | 752.8 | 752.0 | 751.1 |
| 125° | 834.1 | 832.9 | 831.7 | 830.5 | 829.4 | 828.1 | 827.0 |
| 127.5° | 911.2 | 909.5 | 908.0 | 906.7 | 905.3 | 903.9 | 902.5 |
| 130° | 963.2 | 962.1 | 960.4 | 958.3 | 956.2 | 954.1 | 952.0 |
| 132.5° | 1013.1 | 1011.6 | 1010.1 | 1008.5 | 1006.9 | 1005.2 | 1003.6 |
| 135° | 1088.2 | 1087.1 | 1086.2 | 1085.6 | 1084.9 | 1084.4 | 1083.8 |
| 137.5° | 1161.5 | 1160.3 | 1159.0 | 1157.9 | 1156.8 | 1155.7 | 1154.5 |
| 140° | 1210.7 | 1210.3 | 1209.2 | 1207.0 | 1205.0 | 1202.8 | 1200.8 |
| 142.5° | 1255.8 | 1255.5 | 1254.5 | 1252.9 | 1251.3 | 1249.7 | 1248.1 |
| 145° | 1322.2 | 1322.0 | 1321.2 | 1320.0 | 1318.8 | 1317.6 | 1316.4 |
| 147.5° | 1385.3 | 1385.3 | 1384.4 | 1382.6 | 1380.8 | 1378.9 | 1377.2 |
| 150° | 1424.0 | 1424.0 | 1423.1 | 1421.3 | 1419.5 | 1417.7 | 1415.9 |
| 152.5° | 1459.8 | 1460.4 | 1459.8 | 1458.2 | 1456.7 | 1455.1 | 1453.6 |
| 155° | 1512.3 | 1513.5 | 1513.1 | 1510.9 | 1508.9 | 1506.7 | 1504.7 |
| 157.5° | 1556.8 | 1558.1 | 1557.9 | 1556.2 | 1554.5 | 1552.8 | 1551.2 |
| 160° | 1584.5 | 1585.9 | 1586.1 | 1584.9 | 1583.7 | 1582.5 | 1581.3 |
| 162.5° | 1610.3 | 1611.8 | 1611.6 | 1609.6 | 1607.8 | 1605.8 | 1603.9 |
| 165° | 1643.2 | 1644.9 | 1644.8 | 1642.7 | 1640.7 | 1638.5 | 1636.5 |
| 167.5° | 1669.7 | 1671.5 | 1671.5 | 1669.7 | 1667.9 | 1666.0 | 1664.1 |
| 170° | 1684.4 | 1686.5 | 1686.5 | 1684.4 | 1682.3 | 1680.3 | 1678.1 |
| 172.5° | 1695.5 | 1697.4 | 1697.3 | 1695.1 | 1693.1 | 1691.0 | 1688.9 |
| 175° | 1707.7 | 1709.5 | 1709.3 | 1707.3 | 1705.1 | 1703.1 | 1701.0 |
| 177.5° | 1712.8 | 1714.2 | 1714.1 | 1712.4 | 1710.7 | 1709.1 | 1707.4 |
| 180° | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 | 1711.7 |

(END OF REPORT)