

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: P332115-927

Luminaire Tested: **S123DIW-S340D1535U927-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332115-927
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-S340D1535U927-4F0-1E-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: 5367.5 lumens
Efficiency: N/A
Efficacy: 100.5 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

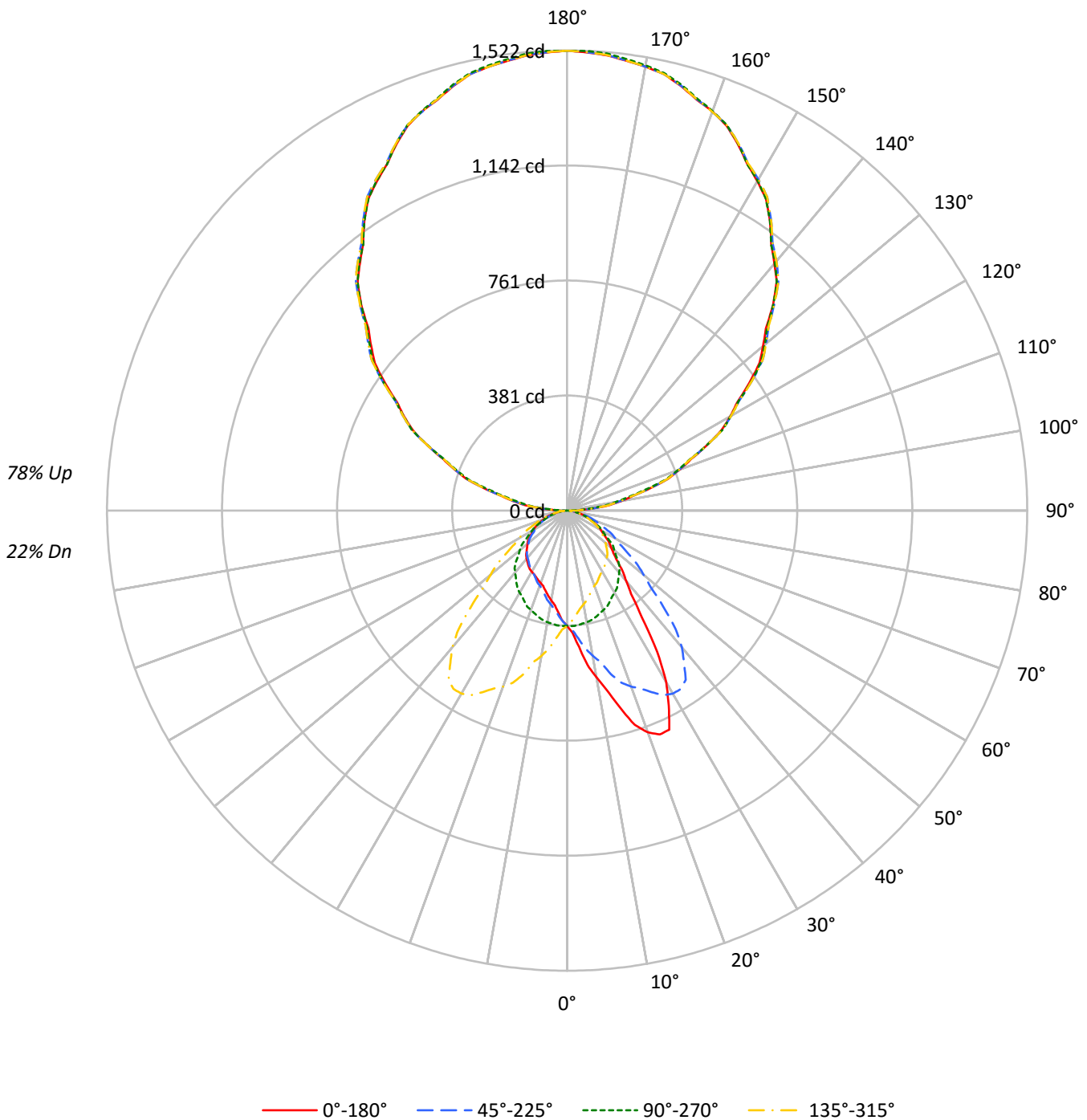
Input Watts (W): 53.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-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° | 4100 | 4100 | 4100 | 4100 |
| 5° | 4889 | 4118 | 3649 | 4118 |
| 10° | 6120 | 4098 | 3296 | 4098 |
| 15° | 7506 | 4063 | 3069 | 4063 |
| 20° | 8942 | 4013 | 2922 | 4013 |
| 25° | 9495 | 3950 | 2888 | 3950 |
| 30° | 8139 | 3904 | 2903 | 3904 |
| 35° | 5660 | 3840 | 2934 | 3840 |
| 40° | 4263 | 3763 | 2925 | 3763 |
| 45° | 3539 | 3649 | 2888 | 3649 |
| 50° | 3170 | 3418 | 2862 | 3418 |
| 55° | 2965 | 3170 | 2826 | 3170 |
| 60° | 2781 | 2908 | 2796 | 2908 |
| 65° | 2613 | 2651 | 2707 | 2651 |
| 70° | 2452 | 2357 | 2578 | 2357 |
| 75° | 2196 | 2067 | 2366 | 2067 |
| 80° | 1922 | 1692 | 2039 | 1692 |
| 85° | 1507 | 1235 | 1371 | 1235 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 37.5 | 0.7 |
| 10°-20° | 120.3 | 2.2 |
| 20°-30° | 201.9 | 3.8 |
| 30°-40° | 228.6 | 4.3 |
| 40°-50° | 205.0 | 3.8 |
| 50°-60° | 165.5 | 3.1 |
| 60°-70° | 115.3 | 2.1 |
| 70°-80° | 60.6 | 1.1 |
| 80°-90° | 19.3 | 0.4 |
| 90°-100° | 99.1 | 1.8 |
| 100°-110° | 296.5 | 5.5 |
| 110°-120° | 504.3 | 9.4 |
| 120°-130° | 663.4 | 12.4 |
| 130°-140° | 745.6 | 13.9 |
| 140°-150° | 732.9 | 13.7 |
| 150°-160° | 617.0 | 11.5 |
| 160°-170° | 410.7 | 7.7 |
| 170°-180° | 143.8 | 2.7 |
| 0°-30° | 359.8 | 6.7 |
| 0°-40° | 588.4 | 11.0 |
| 0°-60° | 958.9 | 17.9 |
| 0°-90° | 1154.2 | 21.5 |
| 90°-120° | 899.9 | 16.8 |
| 90°-150° | 3041.8 | 56.7 |
| 90°-180° | 4213.0 | 78.5 |
| 0°-180° | 5367.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 381 | 381 | 381 | 381 | 381 | |
| 5° | 452 | 381 | 338 | 381 | 452 | 47 |
| 15° | 674 | 365 | 275 | 365 | 674 | 194 |
| 25° | 800 | 333 | 243 | 333 | 800 | 351 |
| 35° | 431 | 292 | 223 | 292 | 431 | 280 |
| 45° | 232 | 240 | 190 | 240 | 232 | 184 |
| 55° | 158 | 169 | 151 | 169 | 158 | 142 |
| 65° | 103 | 104 | 106 | 104 | 103 | 102 |
| 75° | 53 | 50 | 57 | 50 | 53 | 56 |
| 85° | 12 | 10 | 11 | 10 | 12 | 15 |
| 90° | 36 | 1 | 36 | 1 | 36 | 18 |
| 95° | 93 | 70 | 93 | 70 | 93 | 96 |
| 105° | 284 | 269 | 284 | 269 | 284 | 302 |
| 115° | 509 | 508 | 509 | 508 | 509 | 504 |
| 125° | 735 | 743 | 735 | 743 | 735 | 657 |
| 135° | 963 | 964 | 963 | 964 | 963 | 740 |
| 145° | 1170 | 1170 | 1170 | 1170 | 1170 | 730 |
| 155° | 1337 | 1339 | 1337 | 1339 | 1337 | 615 |
| 165° | 1454 | 1459 | 1454 | 1459 | 1454 | 410 |
| 175° | 1511 | 1517 | 1511 | 1517 | 1511 | 144 |
| 180° | 1521 | 1521 | 1521 | 1521 | 1521 | |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 |
| 2.5° | 404.3 | 403.9 | 403.2 | 403.8 | 402.6 | 401.0 | 400.8 | 399.3 | 395.1 | 394.8 | 393.6 |
| 5° | 452.5 | 451.1 | 450.8 | 450.7 | 448.1 | 444.6 | 437.9 | 437.4 | 428.5 | 424.1 | 418.7 |
| 7.5° | 515.1 | 515.8 | 513.1 | 510.8 | 502.9 | 497.6 | 490.5 | 481.4 | 470.6 | 459.5 | 452.2 |
| 10° | 559.9 | 566.0 | 558.5 | 553.3 | 548.5 | 539.5 | 528.9 | 515.8 | 502.7 | 487.4 | 475.8 |
| 12.5° | 608.1 | 611.0 | 609.5 | 604.7 | 597.2 | 583.4 | 564.8 | 550.3 | 538.3 | 512.8 | 502.5 |
| 15° | 673.6 | 684.8 | 677.6 | 661.1 | 661.4 | 648.3 | 624.0 | 597.2 | 583.0 | 560.6 | 530.2 |
| 17.5° | 743.5 | 744.8 | 741.8 | 727.9 | 718.7 | 700.7 | 678.2 | 652.6 | 623.8 | 596.8 | 564.4 |
| 20° | 780.6 | 779.5 | 773.1 | 765.9 | 750.0 | 736.0 | 711.5 | 682.9 | 645.9 | 619.3 | 584.1 |
| 22.5° | 801.3 | 799.5 | 796.4 | 790.4 | 777.2 | 762.2 | 740.1 | 708.8 | 673.7 | 637.1 | 596.4 |
| 25° | 799.5 | 801.8 | 802.2 | 800.6 | 796.0 | 787.0 | 769.6 | 744.7 | 709.6 | 662.5 | 620.1 |
| 27.5° | 727.1 | 730.6 | 740.4 | 749.2 | 758.9 | 768.9 | 767.5 | 755.2 | 729.2 | 688.6 | 636.7 |
| 30° | 654.8 | 647.4 | 665.7 | 688.7 | 704.4 | 732.1 | 747.6 | 748.5 | 734.0 | 699.1 | 648.5 |
| 32.5° | 554.4 | 562.5 | 570.6 | 599.0 | 633.3 | 664.3 | 695.2 | 720.0 | 722.9 | 699.7 | 655.5 |
| 35° | 430.7 | 440.9 | 455.7 | 470.4 | 507.3 | 539.1 | 593.3 | 640.6 | 678.2 | 683.2 | 656.1 |
| 37.5° | 347.1 | 352.1 | 361.5 | 376.3 | 400.4 | 438.1 | 480.0 | 539.7 | 594.3 | 634.9 | 636.6 |
| 40° | 303.4 | 304.9 | 315.4 | 326.6 | 346.2 | 377.2 | 415.0 | 467.9 | 533.1 | 589.9 | 613.5 |
| 42.5° | 270.6 | 273.9 | 278.4 | 289.1 | 304.8 | 328.0 | 363.2 | 406.9 | 466.8 | 532.0 | 578.1 |
| 45° | 232.5 | 236.2 | 239.0 | 246.2 | 257.3 | 273.0 | 297.5 | 337.4 | 382.9 | 450.3 | 512.5 |
| 47.5° | 207.4 | 207.6 | 209.7 | 215.2 | 222.7 | 234.5 | 251.8 | 277.4 | 319.2 | 373.9 | 437.8 |
| 50° | 189.3 | 192.3 | 193.1 | 197.3 | 203.2 | 211.8 | 226.2 | 248.0 | 282.3 | 330.3 | 389.0 |
| 52.5° | 176.7 | 177.5 | 179.6 | 182.7 | 187.8 | 194.6 | 207.1 | 224.1 | 251.0 | 292.0 | 345.9 |
| 55° | 158.0 | 158.0 | 160.0 | 162.4 | 165.3 | 171.4 | 179.7 | 192.3 | 212.8 | 244.5 | 289.2 |
| 57.5° | 140.7 | 141.6 | 143.1 | 143.8 | 146.3 | 150.4 | 157.2 | 166.8 | 182.0 | 206.5 | 242.0 |
| 60° | 129.2 | 130.9 | 130.6 | 132.1 | 134.4 | 137.5 | 143.4 | 151.1 | 164.8 | 184.3 | 214.3 |
| 62.5° | 119.1 | 119.1 | 119.0 | 120.8 | 122.9 | 126.0 | 129.8 | 136.5 | 148.1 | 165.5 | 190.9 |
| 65° | 102.6 | 102.3 | 103.5 | 104.6 | 105.4 | 107.6 | 110.5 | 116.5 | 124.2 | 137.1 | 156.9 |
| 67.5° | 87.9 | 86.8 | 87.5 | 87.9 | 89.2 | 90.9 | 93.7 | 97.4 | 103.5 | 113.8 | 128.7 |
| 70° | 77.9 | 76.9 | 76.8 | 77.2 | 78.3 | 79.5 | 81.6 | 85.1 | 90.8 | 99.1 | 110.0 |
| 72.5° | 67.6 | 66.9 | 66.9 | 67.7 | 68.2 | 69.1 | 70.5 | 73.7 | 78.3 | 84.5 | 94.7 |
| 75° | 52.8 | 52.8 | 52.8 | 53.0 | 53.6 | 54.3 | 55.4 | 57.0 | 60.5 | 65.0 | 71.8 |
| 77.5° | 39.5 | 39.5 | 39.3 | 39.3 | 40.1 | 40.4 | 40.6 | 42.2 | 44.2 | 47.1 | 52.1 |
| 80° | 31.0 | 30.1 | 30.4 | 31.0 | 31.4 | 31.5 | 32.1 | 32.5 | 34.1 | 35.8 | 39.3 |
| 82.5° | 23.1 | 22.3 | 22.3 | 23.2 | 23.3 | 23.4 | 24.0 | 24.5 | 25.1 | 26.6 | 28.5 |
| 85° | 12.2 | 12.2 | 12.4 | 12.4 | 12.5 | 12.4 | 12.9 | 13.1 | 13.1 | 14.0 | 15.1 |
| 87.5° | 11.6 | 11.2 | 11.2 | 11.2 | 11.0 | 11.0 | 10.9 | 10.9 | 10.9 | 10.8 | 10.2 |
| 90° | 35.8 | 35.3 | 34.8 | 34.2 | 33.7 | 33.0 | 31.8 | 30.8 | 29.7 | 28.7 | 25.2 |
| 92.5° | 48.2 | 48.6 | 48.9 | 49.2 | 49.5 | 49.3 | 48.4 | 47.5 | 46.7 | 45.9 | 43.9 |
| 95° | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 92.6 | 91.6 | 90.5 | 89.4 | 88.4 | 86.3 |
| 97.5° | 143.4 | 143.5 | 143.5 | 143.7 | 143.8 | 143.2 | 142.0 | 140.8 | 139.6 | 138.3 | 136.8 |
| 100° | 181.6 | 181.0 | 180.5 | 180.0 | 179.4 | 178.8 | 178.0 | 177.2 | 176.4 | 175.6 | 174.3 |
| 102.5° | 220.8 | 220.9 | 220.9 | 221.1 | 221.2 | 220.9 | 220.1 | 219.3 | 218.5 | 217.6 | 215.9 |
| 105° | 284.3 | 283.8 | 283.3 | 282.7 | 282.2 | 281.9 | 281.9 | 281.9 | 281.9 | 281.9 | 279.6 |
| 107.5° | 350.5 | 350.8 | 351.1 | 351.4 | 351.7 | 351.5 | 350.6 | 349.8 | 349.0 | 348.1 | 347.1 |
| 110° | 395.4 | 395.9 | 396.5 | 397.0 | 397.5 | 397.3 | 396.2 | 395.1 | 394.1 | 393.0 | 392.4 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 443.1 | 443.3 | 443.4 | 443.5 | 443.6 | 443.0 | 441.7 | 440.5 | 439.2 | 437.9 | 437.8 |
| 115° | 508.9 | 509.1 | 509.5 | 509.7 | 509.9 | 509.9 | 509.7 | 509.5 | 509.1 | 508.9 | 509.5 |
| 117.5° | 575.5 | 576.3 | 577.0 | 577.7 | 578.5 | 578.9 | 579.0 | 579.0 | 579.1 | 579.2 | 579.8 |
| 120° | 622.3 | 622.9 | 623.4 | 624.0 | 624.5 | 624.9 | 625.2 | 625.4 | 625.7 | 626.0 | 627.2 |
| 122.5° | 667.3 | 668.0 | 668.8 | 669.6 | 670.3 | 671.0 | 671.7 | 672.3 | 673.0 | 673.8 | 674.5 |
| 125° | 734.7 | 735.7 | 736.8 | 737.8 | 738.9 | 740.0 | 741.0 | 742.1 | 743.1 | 744.3 | 744.7 |
| 127.5° | 801.8 | 803.0 | 804.2 | 805.5 | 806.7 | 808.0 | 809.5 | 811.0 | 812.5 | 814.0 | 814.6 |
| 130° | 845.7 | 847.6 | 849.5 | 851.4 | 853.2 | 854.7 | 855.7 | 856.7 | 857.9 | 858.9 | 859.7 |
| 132.5° | 891.6 | 893.0 | 894.5 | 896.0 | 897.4 | 898.7 | 900.0 | 901.3 | 902.5 | 903.8 | 904.4 |
| 135° | 962.8 | 963.4 | 963.8 | 964.4 | 965.0 | 965.7 | 966.8 | 967.9 | 968.9 | 970.0 | 970.3 |
| 137.5° | 1025.6 | 1026.7 | 1027.7 | 1028.6 | 1029.7 | 1030.8 | 1031.9 | 1033.0 | 1034.1 | 1035.2 | 1034.5 |
| 140° | 1066.8 | 1068.6 | 1070.5 | 1072.3 | 1074.2 | 1075.2 | 1075.5 | 1075.8 | 1076.0 | 1076.3 | 1076.0 |
| 142.5° | 1108.8 | 1110.2 | 1111.7 | 1113.1 | 1114.5 | 1115.4 | 1115.6 | 1115.9 | 1116.2 | 1116.4 | 1115.9 |
| 145° | 1169.5 | 1170.5 | 1171.6 | 1172.7 | 1173.7 | 1174.4 | 1174.6 | 1174.9 | 1175.2 | 1175.4 | 1174.6 |
| 147.5° | 1223.4 | 1225.0 | 1226.7 | 1228.3 | 1229.9 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1229.9 |
| 150° | 1257.9 | 1259.5 | 1261.1 | 1262.7 | 1264.2 | 1265.0 | 1265.0 | 1265.0 | 1265.0 | 1265.0 | 1264.5 |
| 152.5° | 1291.3 | 1292.7 | 1294.1 | 1295.5 | 1296.9 | 1297.4 | 1296.9 | 1296.5 | 1296.1 | 1295.6 | 1295.3 |
| 155° | 1336.7 | 1338.6 | 1340.5 | 1342.3 | 1344.2 | 1344.6 | 1343.5 | 1342.4 | 1341.4 | 1340.3 | 1340.1 |
| 157.5° | 1378.1 | 1379.5 | 1381.0 | 1382.5 | 1384.0 | 1384.2 | 1383.1 | 1382.0 | 1380.9 | 1379.7 | 1379.5 |
| 160° | 1404.8 | 1405.9 | 1406.9 | 1408.0 | 1409.1 | 1408.9 | 1407.6 | 1406.3 | 1404.9 | 1403.6 | 1403.6 |
| 162.5° | 1424.9 | 1426.6 | 1428.3 | 1430.0 | 1431.7 | 1431.9 | 1430.5 | 1429.2 | 1427.9 | 1426.6 | 1426.3 |
| 165° | 1453.8 | 1455.6 | 1457.5 | 1459.4 | 1461.3 | 1461.3 | 1459.8 | 1458.2 | 1456.6 | 1455.0 | 1455.0 |
| 167.5° | 1478.4 | 1480.0 | 1481.7 | 1483.4 | 1484.9 | 1484.9 | 1483.4 | 1481.7 | 1480.0 | 1478.4 | 1478.2 |
| 170° | 1490.8 | 1492.7 | 1494.5 | 1496.4 | 1498.3 | 1498.3 | 1496.4 | 1494.5 | 1492.7 | 1490.8 | 1490.8 |
| 172.5° | 1500.4 | 1502.2 | 1504.1 | 1505.9 | 1507.8 | 1507.9 | 1506.3 | 1504.6 | 1503.0 | 1501.3 | 1501.3 |
| 175° | 1511.2 | 1513.0 | 1514.8 | 1516.7 | 1518.5 | 1518.7 | 1517.1 | 1515.5 | 1513.9 | 1512.4 | 1512.4 |
| 177.5° | 1516.9 | 1518.4 | 1519.8 | 1521.3 | 1522.8 | 1522.9 | 1521.6 | 1520.4 | 1519.1 | 1517.8 | 1517.8 |
| 180° | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 |
| 2.5° | 392.7 | 391.6 | 390.4 | 388.3 | 386.5 | 384.0 | 383.3 | 382.4 | 379.7 | 377.4 | 375.6 |
| 5° | 416.7 | 412.3 | 405.8 | 399.9 | 395.1 | 388.6 | 385.0 | 381.1 | 375.6 | 370.6 | 366.5 |
| 7.5° | 441.8 | 433.1 | 423.0 | 412.3 | 402.1 | 392.4 | 384.5 | 377.5 | 369.7 | 362.4 | 356.6 |
| 10° | 461.8 | 449.2 | 435.1 | 420.0 | 407.1 | 394.6 | 384.0 | 374.9 | 364.9 | 356.2 | 349.0 |
| 12.5° | 484.5 | 465.9 | 446.6 | 428.2 | 412.9 | 395.5 | 382.7 | 371.0 | 359.7 | 349.3 | 341.2 |
| 15° | 511.4 | 487.7 | 464.9 | 439.6 | 416.4 | 394.6 | 379.5 | 364.6 | 351.6 | 340.9 | 330.5 |
| 17.5° | 535.9 | 509.1 | 479.0 | 448.2 | 420.2 | 394.3 | 373.2 | 356.5 | 340.1 | 327.0 | 316.7 |
| 20° | 549.8 | 519.4 | 485.2 | 453.3 | 422.2 | 393.5 | 370.2 | 350.3 | 332.6 | 318.7 | 307.1 |
| 22.5° | 561.7 | 526.1 | 490.8 | 456.6 | 422.1 | 391.1 | 364.7 | 344.2 | 325.0 | 311.5 | 299.1 |
| 25° | 574.2 | 531.5 | 496.1 | 456.1 | 417.5 | 385.3 | 355.8 | 332.6 | 313.4 | 297.5 | 284.8 |
| 27.5° | 584.8 | 531.2 | 489.1 | 446.0 | 410.1 | 378.0 | 346.4 | 321.5 | 301.1 | 283.8 | 270.9 |
| 30° | 591.8 | 531.9 | 481.9 | 439.3 | 403.1 | 369.9 | 339.2 | 314.1 | 292.7 | 275.2 | 263.0 |
| 32.5° | 596.3 | 531.4 | 475.2 | 429.8 | 391.8 | 362.4 | 331.4 | 305.4 | 283.4 | 266.2 | 254.4 |
| 35° | 598.9 | 528.1 | 463.7 | 410.3 | 373.8 | 345.1 | 319.1 | 292.2 | 269.1 | 253.0 | 239.7 |
| 37.5° | 593.7 | 521.3 | 450.5 | 391.4 | 351.4 | 323.3 | 301.3 | 278.5 | 256.4 | 238.7 | 227.2 |
| 40° | 585.6 | 516.9 | 440.1 | 378.1 | 336.0 | 309.0 | 290.3 | 267.8 | 246.0 | 229.2 | 218.5 |
| 42.5° | 570.1 | 507.9 | 428.8 | 363.4 | 320.1 | 293.0 | 275.8 | 257.0 | 236.4 | 220.6 | 209.9 |
| 45° | 532.3 | 488.3 | 411.7 | 341.3 | 296.6 | 268.5 | 253.4 | 239.7 | 221.1 | 205.8 | 196.5 |
| 47.5° | 479.7 | 458.8 | 387.1 | 317.9 | 272.0 | 245.0 | 229.3 | 218.3 | 204.7 | 192.3 | 183.5 |
| 50° | 443.3 | 434.6 | 370.4 | 301.9 | 255.6 | 229.2 | 214.0 | 204.1 | 194.3 | 182.0 | 173.9 |
| 52.5° | 401.2 | 406.5 | 350.9 | 285.4 | 238.9 | 212.9 | 198.8 | 190.8 | 182.0 | 171.7 | 164.7 |
| 55° | 342.0 | 361.3 | 317.3 | 257.6 | 214.0 | 189.3 | 175.9 | 168.9 | 163.7 | 156.1 | 150.0 |
| 57.5° | 286.5 | 311.2 | 280.8 | 229.0 | 189.6 | 168.3 | 155.4 | 147.8 | 144.5 | 140.5 | 135.7 |
| 60° | 253.6 | 277.9 | 254.8 | 209.8 | 173.3 | 153.0 | 141.6 | 135.1 | 131.7 | 129.0 | 124.9 |
| 62.5° | 224.2 | 248.8 | 229.5 | 190.4 | 157.2 | 138.4 | 128.4 | 122.1 | 119.5 | 118.1 | 114.6 |
| 65° | 183.8 | 205.0 | 192.1 | 160.0 | 134.2 | 117.6 | 108.5 | 104.1 | 101.7 | 101.2 | 98.9 |
| 67.5° | 149.6 | 165.7 | 156.4 | 132.7 | 112.4 | 98.1 | 90.4 | 86.6 | 84.8 | 84.5 | 82.9 |
| 70° | 127.1 | 142.3 | 135.1 | 113.7 | 96.2 | 84.9 | 78.3 | 74.9 | 73.8 | 73.7 | 72.7 |
| 72.5° | 109.7 | 120.3 | 114.5 | 96.7 | 83.2 | 73.0 | 68.0 | 64.6 | 63.4 | 63.6 | 63.0 |
| 75° | 81.2 | 89.1 | 85.8 | 73.4 | 62.6 | 55.9 | 51.9 | 49.7 | 48.6 | 49.1 | 48.3 |
| 77.5° | 58.5 | 63.5 | 60.4 | 51.9 | 45.2 | 40.4 | 37.4 | 36.0 | 35.0 | 35.0 | 34.7 |
| 80° | 44.1 | 47.1 | 45.4 | 40.2 | 34.7 | 30.7 | 28.2 | 27.3 | 26.8 | 26.5 | 26.4 |
| 82.5° | 31.4 | 33.9 | 31.9 | 28.4 | 24.6 | 22.2 | 20.8 | 19.6 | 19.3 | 19.3 | 19.2 |
| 85° | 15.8 | 16.8 | 16.1 | 13.9 | 12.4 | 11.2 | 10.5 | 10.0 | 9.6 | 9.7 | 9.4 |
| 87.5° | 9.8 | 9.3 | 8.2 | 7.0 | 6.1 | 5.1 | 4.6 | 3.8 | 4.0 | 4.5 | 4.9 |
| 90° | 21.8 | 18.3 | 14.9 | 11.8 | 9.2 | 6.5 | 3.9 | 1.2 | 3.9 | 6.5 | 9.2 |
| 92.5° | 41.9 | 40.0 | 38.0 | 36.1 | 34.3 | 32.5 | 30.7 | 28.9 | 30.7 | 32.5 | 34.3 |
| 95° | 84.1 | 82.0 | 79.9 | 78.0 | 76.0 | 74.2 | 72.3 | 70.5 | 72.3 | 74.2 | 76.0 |
| 97.5° | 135.2 | 133.7 | 132.1 | 130.7 | 129.4 | 127.9 | 126.6 | 125.2 | 126.6 | 127.9 | 129.4 |
| 100° | 172.9 | 171.6 | 170.3 | 168.8 | 167.2 | 165.6 | 164.1 | 162.5 | 164.1 | 165.6 | 167.2 |
| 102.5° | 214.1 | 212.4 | 210.6 | 209.3 | 208.3 | 207.4 | 206.4 | 205.5 | 206.4 | 207.4 | 208.3 |
| 105° | 277.1 | 274.7 | 272.4 | 270.9 | 270.4 | 269.8 | 269.3 | 268.8 | 269.3 | 269.8 | 270.4 |
| 107.5° | 346.2 | 345.2 | 344.3 | 343.6 | 343.3 | 343.0 | 342.7 | 342.4 | 342.7 | 343.0 | 343.3 |
| 110° | 392.0 | 391.4 | 390.9 | 390.4 | 389.8 | 389.3 | 388.8 | 388.2 | 388.8 | 389.3 | 389.8 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 437.7 | 437.6 | 437.5 | 437.3 | 437.0 | 436.7 | 436.3 | 436.0 | 436.3 | 436.7 | 437.0 |
| 115° | 509.9 | 510.5 | 511.0 | 510.9 | 510.1 | 509.3 | 508.5 | 507.7 | 508.5 | 509.3 | 510.1 |
| 117.5° | 580.5 | 581.2 | 581.9 | 581.9 | 581.5 | 580.9 | 580.4 | 579.9 | 580.4 | 580.9 | 581.5 |
| 120° | 628.6 | 629.9 | 631.3 | 631.1 | 629.5 | 628.0 | 626.4 | 624.8 | 626.4 | 628.0 | 629.5 |
| 122.5° | 675.1 | 675.8 | 676.5 | 676.3 | 675.1 | 673.9 | 672.7 | 671.6 | 672.7 | 673.9 | 675.1 |
| 125° | 745.3 | 745.8 | 746.3 | 746.2 | 745.4 | 744.7 | 743.8 | 743.0 | 743.8 | 744.7 | 745.4 |
| 127.5° | 815.2 | 815.7 | 816.3 | 815.8 | 814.0 | 812.4 | 810.6 | 809.0 | 810.6 | 812.4 | 814.0 |
| 130° | 860.5 | 861.3 | 862.1 | 861.4 | 859.3 | 857.1 | 855.1 | 852.9 | 855.1 | 857.1 | 859.3 |
| 132.5° | 905.0 | 905.5 | 906.2 | 905.4 | 903.2 | 901.1 | 899.0 | 896.9 | 899.0 | 901.1 | 903.2 |
| 135° | 970.5 | 970.8 | 971.1 | 970.4 | 968.8 | 967.2 | 965.6 | 964.0 | 965.6 | 967.2 | 968.8 |
| 137.5° | 1033.8 | 1033.2 | 1032.5 | 1031.4 | 1030.2 | 1028.8 | 1027.5 | 1026.1 | 1027.5 | 1028.8 | 1030.2 |
| 140° | 1075.8 | 1075.5 | 1075.2 | 1074.4 | 1073.1 | 1071.8 | 1070.5 | 1069.1 | 1070.5 | 1071.8 | 1073.1 |
| 142.5° | 1115.5 | 1115.0 | 1114.5 | 1113.6 | 1112.3 | 1111.0 | 1109.6 | 1108.3 | 1109.6 | 1111.0 | 1112.3 |
| 145° | 1173.9 | 1173.1 | 1172.3 | 1171.6 | 1171.1 | 1170.5 | 1170.1 | 1169.5 | 1170.1 | 1170.5 | 1171.1 |
| 147.5° | 1229.2 | 1228.4 | 1227.6 | 1226.9 | 1225.9 | 1224.9 | 1223.9 | 1223.0 | 1223.9 | 1224.9 | 1225.9 |
| 150° | 1264.0 | 1263.5 | 1262.9 | 1262.4 | 1261.9 | 1261.3 | 1260.8 | 1260.3 | 1260.8 | 1261.3 | 1261.9 |
| 152.5° | 1295.0 | 1294.7 | 1294.3 | 1293.8 | 1293.1 | 1292.4 | 1291.6 | 1290.9 | 1291.6 | 1292.4 | 1293.1 |
| 155° | 1339.7 | 1339.5 | 1339.3 | 1339.1 | 1339.1 | 1339.1 | 1339.1 | 1339.1 | 1339.1 | 1339.1 | 1339.1 |
| 157.5° | 1379.3 | 1379.1 | 1378.9 | 1379.0 | 1379.3 | 1379.6 | 1379.9 | 1380.2 | 1379.9 | 1379.6 | 1379.3 |
| 160° | 1403.6 | 1403.6 | 1403.6 | 1403.9 | 1404.4 | 1404.9 | 1405.5 | 1406.0 | 1405.5 | 1404.9 | 1404.4 |
| 162.5° | 1426.2 | 1425.9 | 1425.7 | 1426.0 | 1426.7 | 1427.4 | 1428.2 | 1428.9 | 1428.2 | 1427.4 | 1426.7 |
| 165° | 1455.0 | 1455.0 | 1455.0 | 1455.4 | 1456.2 | 1457.0 | 1457.8 | 1458.6 | 1457.8 | 1457.0 | 1456.2 |
| 167.5° | 1478.0 | 1477.7 | 1477.6 | 1478.0 | 1479.0 | 1480.1 | 1481.1 | 1482.3 | 1481.1 | 1480.1 | 1479.0 |
| 170° | 1490.8 | 1490.8 | 1490.8 | 1491.4 | 1492.4 | 1493.5 | 1494.5 | 1495.6 | 1494.5 | 1493.5 | 1492.4 |
| 172.5° | 1501.3 | 1501.3 | 1501.3 | 1501.9 | 1502.9 | 1504.0 | 1505.1 | 1506.1 | 1505.1 | 1504.0 | 1502.9 |
| 175° | 1512.4 | 1512.4 | 1512.4 | 1512.8 | 1513.9 | 1515.0 | 1516.1 | 1517.1 | 1516.1 | 1515.0 | 1513.9 |
| 177.5° | 1517.8 | 1517.8 | 1517.8 | 1518.2 | 1519.1 | 1520.0 | 1520.8 | 1521.6 | 1520.8 | 1520.0 | 1519.1 |
| 180° | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 |
| 2.5° | 374.5 | 373.5 | 372.1 | 369.9 | 368.0 | 365.3 | 365.3 | 365.7 | 365.7 | 365.6 | 365.3 |
| 5° | 363.2 | 360.4 | 357.1 | 353.2 | 349.2 | 345.1 | 344.4 | 342.9 | 341.8 | 341.0 | 340.2 |
| 7.5° | 351.2 | 346.3 | 341.4 | 336.0 | 331.1 | 327.0 | 324.2 | 321.8 | 320.3 | 318.6 | 317.4 |
| 10° | 343.1 | 337.0 | 331.3 | 325.6 | 319.2 | 314.3 | 311.2 | 309.0 | 307.3 | 305.8 | 305.1 |
| 12.5° | 333.5 | 326.5 | 320.2 | 314.7 | 307.9 | 302.8 | 299.8 | 298.7 | 296.8 | 293.7 | 292.1 |
| 15° | 319.5 | 313.0 | 305.5 | 297.1 | 293.8 | 287.6 | 284.0 | 282.3 | 281.2 | 278.8 | 278.1 |
| 17.5° | 307.4 | 299.0 | 290.5 | 284.3 | 278.1 | 273.1 | 271.1 | 269.0 | 267.6 | 265.6 | 265.0 |
| 20° | 297.9 | 290.3 | 282.6 | 275.9 | 269.4 | 263.9 | 262.2 | 260.8 | 259.3 | 258.4 | 257.6 |
| 22.5° | 288.1 | 280.6 | 274.1 | 267.9 | 261.0 | 257.4 | 255.6 | 254.0 | 252.9 | 252.3 | 251.6 |
| 25° | 274.4 | 267.8 | 260.5 | 255.1 | 249.5 | 247.1 | 246.0 | 245.1 | 244.3 | 243.4 | 243.2 |
| 27.5° | 262.2 | 254.9 | 249.1 | 243.9 | 240.0 | 238.0 | 236.9 | 236.5 | 236.6 | 236.9 | 237.2 |
| 30° | 253.0 | 246.4 | 241.6 | 237.2 | 233.5 | 231.6 | 231.4 | 231.4 | 232.2 | 232.3 | 232.7 |
| 32.5° | 244.6 | 239.2 | 234.3 | 230.0 | 227.3 | 226.0 | 226.7 | 226.7 | 227.3 | 227.8 | 228.5 |
| 35° | 232.3 | 227.5 | 223.9 | 220.1 | 217.8 | 218.3 | 218.7 | 219.0 | 220.0 | 221.1 | 221.8 |
| 37.5° | 220.6 | 216.5 | 212.6 | 209.8 | 208.7 | 209.6 | 210.6 | 211.3 | 212.4 | 213.3 | 214.0 |
| 40° | 212.2 | 209.1 | 205.4 | 202.8 | 203.2 | 203.7 | 204.5 | 205.4 | 206.4 | 206.9 | 207.6 |
| 42.5° | 204.4 | 201.1 | 198.3 | 196.1 | 196.7 | 197.4 | 197.8 | 198.3 | 199.4 | 200.4 | 200.8 |
| 45° | 192.5 | 189.9 | 187.4 | 186.0 | 186.4 | 186.8 | 187.1 | 187.7 | 188.6 | 189.3 | 189.6 |
| 47.5° | 179.1 | 177.3 | 175.5 | 174.3 | 174.9 | 174.8 | 175.2 | 176.4 | 176.7 | 177.1 | 178.2 |
| 50° | 170.6 | 168.9 | 166.8 | 166.4 | 166.4 | 166.4 | 166.7 | 168.1 | 168.1 | 168.9 | 169.6 |
| 52.5° | 161.1 | 160.0 | 158.8 | 158.0 | 157.7 | 157.7 | 158.5 | 159.2 | 159.5 | 160.6 | 161.4 |
| 55° | 147.1 | 146.0 | 144.9 | 144.3 | 143.9 | 144.3 | 145.8 | 146.2 | 147.1 | 147.7 | 148.2 |
| 57.5° | 132.5 | 131.7 | 130.8 | 130.5 | 130.4 | 130.9 | 131.7 | 132.8 | 133.0 | 134.8 | 135.5 |
| 60° | 122.9 | 121.6 | 120.9 | 120.9 | 120.5 | 122.2 | 121.8 | 123.7 | 124.1 | 125.2 | 126.4 |
| 62.5° | 113.0 | 111.3 | 111.0 | 111.0 | 111.5 | 112.0 | 112.5 | 113.3 | 114.3 | 115.7 | 116.7 |
| 65° | 97.0 | 96.2 | 97.4 | 97.3 | 96.9 | 98.0 | 98.0 | 98.9 | 100.1 | 101.3 | 103.4 |
| 67.5° | 82.0 | 81.5 | 81.6 | 81.6 | 82.1 | 82.8 | 83.3 | 84.1 | 85.5 | 86.8 | 88.2 |
| 70° | 71.8 | 72.3 | 71.5 | 72.2 | 72.7 | 72.9 | 73.3 | 74.4 | 75.8 | 76.8 | 78.3 |
| 72.5° | 61.9 | 61.9 | 61.9 | 62.3 | 62.8 | 63.1 | 63.5 | 64.8 | 66.4 | 67.2 | 68.4 |
| 75° | 47.6 | 47.5 | 48.0 | 48.0 | 48.9 | 49.3 | 49.7 | 50.2 | 51.7 | 52.8 | 53.7 |
| 77.5° | 34.8 | 35.0 | 34.9 | 35.5 | 35.3 | 35.3 | 36.4 | 37.0 | 37.2 | 39.4 | 39.8 |
| 80° | 26.2 | 26.5 | 26.8 | 26.9 | 27.1 | 26.8 | 28.0 | 28.6 | 28.6 | 29.9 | 30.8 |
| 82.5° | 18.9 | 19.0 | 19.5 | 19.7 | 19.7 | 20.1 | 20.2 | 20.6 | 21.1 | 21.6 | 22.8 |
| 85° | 9.4 | 10.0 | 10.1 | 10.0 | 10.1 | 9.7 | 10.3 | 10.5 | 10.7 | 10.7 | 10.7 |
| 87.5° | 5.3 | 6.1 | 6.7 | 7.4 | 8.0 | 8.9 | 9.0 | 9.0 | 9.2 | 9.8 | 9.4 |
| 90° | 11.8 | 14.9 | 18.3 | 21.8 | 25.2 | 28.7 | 29.7 | 30.8 | 31.8 | 33.0 | 33.7 |
| 92.5° | 36.1 | 38.0 | 40.0 | 41.9 | 43.9 | 45.9 | 46.7 | 47.5 | 48.4 | 49.3 | 49.5 |
| 95° | 78.0 | 79.9 | 82.0 | 84.1 | 86.3 | 88.4 | 89.4 | 90.5 | 91.6 | 92.6 | 93.2 |
| 97.5° | 130.7 | 132.1 | 133.7 | 135.2 | 136.8 | 138.3 | 139.6 | 140.8 | 142.0 | 143.2 | 143.8 |
| 100° | 168.8 | 170.3 | 171.6 | 172.9 | 174.3 | 175.6 | 176.4 | 177.2 | 178.0 | 178.8 | 179.4 |
| 102.5° | 209.3 | 210.6 | 212.4 | 214.1 | 215.9 | 217.6 | 218.5 | 219.3 | 220.1 | 220.9 | 221.2 |
| 105° | 270.9 | 272.4 | 274.7 | 277.1 | 279.6 | 281.9 | 281.9 | 281.9 | 281.9 | 281.9 | 282.2 |
| 107.5° | 343.6 | 344.3 | 345.2 | 346.2 | 347.1 | 348.1 | 349.0 | 349.8 | 350.6 | 351.5 | 351.7 |
| 110° | 390.4 | 390.9 | 391.4 | 392.0 | 392.4 | 393.0 | 394.1 | 395.1 | 396.2 | 397.3 | 397.5 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 437.3 | 437.5 | 437.6 | 437.7 | 437.8 | 437.9 | 439.2 | 440.5 | 441.7 | 443.0 | 443.6 |
| 115° | 510.9 | 511.0 | 510.5 | 509.9 | 509.5 | 508.9 | 509.1 | 509.5 | 509.7 | 509.9 | 509.9 |
| 117.5° | 581.9 | 581.9 | 581.2 | 580.5 | 579.8 | 579.2 | 579.1 | 579.0 | 579.0 | 578.9 | 578.5 |
| 120° | 631.1 | 631.3 | 629.9 | 628.6 | 627.2 | 626.0 | 625.7 | 625.4 | 625.2 | 624.9 | 624.5 |
| 122.5° | 676.3 | 676.5 | 675.8 | 675.1 | 674.5 | 673.8 | 673.0 | 672.3 | 671.7 | 671.0 | 670.3 |
| 125° | 746.2 | 746.3 | 745.8 | 745.3 | 744.7 | 744.3 | 743.1 | 742.1 | 741.0 | 740.0 | 738.9 |
| 127.5° | 815.8 | 816.3 | 815.7 | 815.2 | 814.6 | 814.0 | 812.5 | 811.0 | 809.5 | 808.0 | 806.7 |
| 130° | 861.4 | 862.1 | 861.3 | 860.5 | 859.7 | 858.9 | 857.9 | 856.7 | 855.7 | 854.7 | 853.2 |
| 132.5° | 905.4 | 906.2 | 905.5 | 905.0 | 904.4 | 903.8 | 902.5 | 901.3 | 900.0 | 898.7 | 897.4 |
| 135° | 970.4 | 971.1 | 970.8 | 970.5 | 970.3 | 970.0 | 968.9 | 967.9 | 966.8 | 965.7 | 965.0 |
| 137.5° | 1031.4 | 1032.5 | 1033.2 | 1033.8 | 1034.5 | 1035.2 | 1034.1 | 1033.0 | 1031.9 | 1030.8 | 1029.7 |
| 140° | 1074.4 | 1075.2 | 1075.5 | 1075.8 | 1076.0 | 1076.3 | 1076.0 | 1075.8 | 1075.5 | 1075.2 | 1074.2 |
| 142.5° | 1113.6 | 1114.5 | 1115.0 | 1115.5 | 1115.9 | 1116.4 | 1116.2 | 1115.9 | 1115.6 | 1115.4 | 1114.5 |
| 145° | 1171.6 | 1172.3 | 1173.1 | 1173.9 | 1174.6 | 1175.4 | 1175.2 | 1174.9 | 1174.6 | 1174.4 | 1173.7 |
| 147.5° | 1226.9 | 1227.6 | 1228.4 | 1229.2 | 1229.9 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1230.7 | 1229.9 |
| 150° | 1262.4 | 1262.9 | 1263.5 | 1264.0 | 1264.5 | 1265.0 | 1265.0 | 1265.0 | 1265.0 | 1265.0 | 1264.2 |
| 152.5° | 1293.8 | 1294.3 | 1294.7 | 1295.0 | 1295.3 | 1295.6 | 1296.1 | 1296.5 | 1296.9 | 1297.4 | 1296.9 |
| 155° | 1339.1 | 1339.3 | 1339.5 | 1339.7 | 1340.1 | 1340.3 | 1341.4 | 1342.4 | 1343.5 | 1344.6 | 1344.2 |
| 157.5° | 1379.0 | 1378.9 | 1379.1 | 1379.3 | 1379.5 | 1379.7 | 1380.9 | 1382.0 | 1383.1 | 1384.2 | 1384.0 |
| 160° | 1403.9 | 1403.6 | 1403.6 | 1403.6 | 1403.6 | 1403.6 | 1404.9 | 1406.3 | 1407.6 | 1408.9 | 1409.1 |
| 162.5° | 1426.0 | 1425.7 | 1425.9 | 1426.2 | 1426.3 | 1426.6 | 1427.9 | 1429.2 | 1430.5 | 1431.9 | 1431.7 |
| 165° | 1455.4 | 1455.0 | 1455.0 | 1455.0 | 1455.0 | 1455.0 | 1456.6 | 1458.2 | 1459.8 | 1461.3 | 1461.3 |
| 167.5° | 1478.0 | 1477.6 | 1477.7 | 1478.0 | 1478.2 | 1478.4 | 1480.0 | 1481.7 | 1483.4 | 1484.9 | 1484.9 |
| 170° | 1491.4 | 1490.8 | 1490.8 | 1490.8 | 1490.8 | 1490.8 | 1492.7 | 1494.5 | 1496.4 | 1498.3 | 1498.3 |
| 172.5° | 1501.9 | 1501.3 | 1501.3 | 1501.3 | 1501.3 | 1501.3 | 1503.0 | 1504.6 | 1506.3 | 1507.9 | 1507.8 |
| 175° | 1512.8 | 1512.4 | 1512.4 | 1512.4 | 1512.4 | 1512.4 | 1513.9 | 1515.5 | 1517.1 | 1518.7 | 1518.5 |
| 177.5° | 1518.2 | 1517.8 | 1517.8 | 1517.8 | 1517.8 | 1517.8 | 1519.1 | 1520.4 | 1521.6 | 1522.9 | 1522.8 |
| 180° | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 |
| 2.5° | 364.2 | 364.1 | 365.1 | 364.4 | 365.1 | 364.1 | 364.2 | 365.3 | 365.6 | 365.7 | 365.7 |
| 5° | 339.1 | 339.6 | 337.7 | 337.7 | 337.7 | 339.6 | 339.1 | 340.2 | 341.0 | 341.8 | 342.9 |
| 7.5° | 316.6 | 315.8 | 315.8 | 314.8 | 315.8 | 315.8 | 316.6 | 317.4 | 318.6 | 320.3 | 321.8 |
| 10° | 302.9 | 301.7 | 301.3 | 301.6 | 301.3 | 301.7 | 302.9 | 305.1 | 305.8 | 307.3 | 309.0 |
| 12.5° | 291.4 | 291.3 | 288.8 | 288.8 | 288.8 | 291.3 | 291.4 | 292.1 | 293.7 | 296.8 | 298.7 |
| 15° | 278.1 | 274.6 | 274.3 | 275.4 | 274.3 | 274.6 | 278.1 | 278.1 | 278.8 | 281.2 | 282.3 |
| 17.5° | 264.7 | 262.8 | 263.0 | 262.4 | 263.0 | 262.8 | 264.7 | 265.0 | 265.6 | 267.6 | 269.0 |
| 20° | 257.6 | 256.5 | 256.4 | 255.1 | 256.4 | 256.5 | 257.6 | 257.6 | 258.4 | 259.3 | 260.8 |
| 22.5° | 251.1 | 250.8 | 250.9 | 249.5 | 250.9 | 250.8 | 251.1 | 251.6 | 252.3 | 252.9 | 254.0 |
| 25° | 243.0 | 244.0 | 243.2 | 243.2 | 243.2 | 244.0 | 243.0 | 243.2 | 243.4 | 244.3 | 245.1 |
| 27.5° | 237.6 | 237.6 | 237.2 | 237.2 | 237.2 | 237.6 | 237.6 | 237.2 | 236.9 | 236.6 | 236.5 |
| 30° | 233.5 | 233.3 | 233.6 | 233.6 | 233.6 | 233.3 | 233.5 | 232.7 | 232.3 | 232.2 | 231.4 |
| 32.5° | 229.3 | 229.6 | 229.7 | 229.8 | 229.7 | 229.6 | 229.3 | 228.5 | 227.8 | 227.3 | 226.7 |
| 35° | 222.9 | 223.2 | 223.7 | 223.3 | 223.7 | 223.2 | 222.9 | 221.8 | 221.1 | 220.0 | 219.0 |
| 37.5° | 214.3 | 215.2 | 215.0 | 215.2 | 215.0 | 215.2 | 214.3 | 214.0 | 213.3 | 212.4 | 211.3 |
| 40° | 207.8 | 208.3 | 208.2 | 208.2 | 208.2 | 208.3 | 207.8 | 207.6 | 206.9 | 206.4 | 205.4 |
| 42.5° | 201.1 | 201.5 | 201.1 | 200.8 | 201.1 | 201.5 | 201.1 | 200.8 | 200.4 | 199.4 | 198.3 |
| 45° | 190.3 | 189.9 | 190.4 | 189.7 | 190.4 | 189.9 | 190.3 | 189.6 | 189.3 | 188.6 | 187.7 |
| 47.5° | 178.1 | 178.5 | 178.6 | 179.2 | 178.6 | 178.5 | 178.1 | 178.2 | 177.1 | 176.7 | 176.4 |
| 50° | 170.0 | 171.1 | 171.1 | 170.9 | 171.1 | 171.1 | 170.0 | 169.6 | 168.9 | 168.1 | 168.1 |
| 52.5° | 162.0 | 162.5 | 163.3 | 163.2 | 163.3 | 162.5 | 162.0 | 161.4 | 160.6 | 159.5 | 159.2 |
| 55° | 149.6 | 150.0 | 150.4 | 150.6 | 150.4 | 150.0 | 149.6 | 148.2 | 147.7 | 147.1 | 146.2 |
| 57.5° | 136.9 | 136.7 | 137.6 | 137.9 | 137.6 | 136.7 | 136.9 | 135.5 | 134.8 | 133.0 | 132.8 |
| 60° | 127.9 | 127.9 | 129.4 | 129.9 | 129.4 | 127.9 | 127.9 | 126.4 | 125.2 | 124.1 | 123.7 |
| 62.5° | 118.3 | 118.9 | 120.3 | 119.6 | 120.3 | 118.9 | 118.3 | 116.7 | 115.7 | 114.3 | 113.3 |
| 65° | 104.3 | 105.8 | 105.6 | 106.3 | 105.6 | 105.8 | 104.3 | 103.4 | 101.3 | 100.1 | 98.9 |
| 67.5° | 89.6 | 90.5 | 91.9 | 92.0 | 91.9 | 90.5 | 89.6 | 88.2 | 86.8 | 85.5 | 84.1 |
| 70° | 79.7 | 80.6 | 81.4 | 81.9 | 81.4 | 80.6 | 79.7 | 78.3 | 76.8 | 75.8 | 74.4 |
| 72.5° | 70.1 | 70.6 | 72.4 | 71.6 | 72.4 | 70.6 | 70.1 | 68.4 | 67.2 | 66.4 | 64.8 |
| 75° | 55.0 | 56.3 | 57.4 | 56.9 | 57.4 | 56.3 | 55.0 | 53.7 | 52.8 | 51.7 | 50.2 |
| 77.5° | 40.6 | 42.0 | 42.5 | 42.0 | 42.5 | 42.0 | 40.6 | 39.8 | 39.4 | 37.2 | 37.0 |
| 80° | 32.1 | 31.9 | 33.0 | 32.9 | 33.0 | 31.9 | 32.1 | 30.8 | 29.9 | 28.6 | 28.6 |
| 82.5° | 23.5 | 23.4 | 23.8 | 24.0 | 23.8 | 23.4 | 23.5 | 22.8 | 21.6 | 21.1 | 20.6 |
| 85° | 11.4 | 12.0 | 11.2 | 11.1 | 11.2 | 12.0 | 11.4 | 10.7 | 10.7 | 10.7 | 10.5 |
| 87.5° | 9.5 | 9.6 | 9.6 | 9.5 | 9.6 | 9.6 | 9.5 | 9.4 | 9.8 | 9.2 | 9.0 |
| 90° | 34.2 | 34.8 | 35.3 | 35.8 | 35.3 | 34.8 | 34.2 | 33.7 | 33.0 | 31.8 | 30.8 |
| 92.5° | 49.2 | 48.9 | 48.6 | 48.2 | 48.6 | 48.9 | 49.2 | 49.5 | 49.3 | 48.4 | 47.5 |
| 95° | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 92.6 | 91.6 | 90.5 |
| 97.5° | 143.7 | 143.5 | 143.5 | 143.4 | 143.5 | 143.5 | 143.7 | 143.8 | 143.2 | 142.0 | 140.8 |
| 100° | 180.0 | 180.5 | 181.0 | 181.6 | 181.0 | 180.5 | 180.0 | 179.4 | 178.8 | 178.0 | 177.2 |
| 102.5° | 221.1 | 220.9 | 220.9 | 220.8 | 220.9 | 220.9 | 221.1 | 221.2 | 220.9 | 220.1 | 219.3 |
| 105° | 282.7 | 283.3 | 283.8 | 284.3 | 283.8 | 283.3 | 282.7 | 282.2 | 281.9 | 281.9 | 281.9 |
| 107.5° | 351.4 | 351.1 | 350.8 | 350.5 | 350.8 | 351.1 | 351.4 | 351.7 | 351.5 | 350.6 | 349.8 |
| 110° | 397.0 | 396.5 | 395.9 | 395.4 | 395.9 | 396.5 | 397.0 | 397.5 | 397.3 | 396.2 | 395.1 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 443.5 | 443.4 | 443.3 | 443.1 | 443.3 | 443.4 | 443.5 | 443.6 | 443.0 | 441.7 | 440.5 |
| 115° | 509.7 | 509.5 | 509.1 | 508.9 | 509.1 | 509.5 | 509.7 | 509.9 | 509.9 | 509.7 | 509.5 |
| 117.5° | 577.7 | 577.0 | 576.3 | 575.5 | 576.3 | 577.0 | 577.7 | 578.5 | 578.9 | 579.0 | 579.0 |
| 120° | 624.0 | 623.4 | 622.9 | 622.3 | 622.9 | 623.4 | 624.0 | 624.5 | 624.9 | 625.2 | 625.4 |
| 122.5° | 669.6 | 668.8 | 668.0 | 667.3 | 668.0 | 668.8 | 669.6 | 670.3 | 671.0 | 671.7 | 672.3 |
| 125° | 737.8 | 736.8 | 735.7 | 734.7 | 735.7 | 736.8 | 737.8 | 738.9 | 740.0 | 741.0 | 742.1 |
| 127.5° | 805.5 | 804.2 | 803.0 | 801.8 | 803.0 | 804.2 | 805.5 | 806.7 | 808.0 | 809.5 | 811.0 |
| 130° | 851.4 | 849.5 | 847.6 | 845.7 | 847.6 | 849.5 | 851.4 | 853.2 | 854.7 | 855.7 | 856.7 |
| 132.5° | 896.0 | 894.5 | 893.0 | 891.6 | 893.0 | 894.5 | 896.0 | 897.4 | 898.7 | 900.0 | 901.3 |
| 135° | 964.4 | 963.8 | 963.4 | 962.8 | 963.4 | 963.8 | 964.4 | 965.0 | 965.7 | 966.8 | 967.9 |
| 137.5° | 1028.6 | 1027.7 | 1026.7 | 1025.6 | 1026.7 | 1027.7 | 1028.6 | 1029.7 | 1030.8 | 1031.9 | 1033.0 |
| 140° | 1072.3 | 1070.5 | 1068.6 | 1066.8 | 1068.6 | 1070.5 | 1072.3 | 1074.2 | 1075.2 | 1075.5 | 1075.8 |
| 142.5° | 1113.1 | 1111.7 | 1110.2 | 1108.8 | 1110.2 | 1111.7 | 1113.1 | 1114.5 | 1115.4 | 1115.6 | 1115.9 |
| 145° | 1172.7 | 1171.6 | 1170.5 | 1169.5 | 1170.5 | 1171.6 | 1172.7 | 1173.7 | 1174.4 | 1174.6 | 1174.9 |
| 147.5° | 1228.3 | 1226.7 | 1225.0 | 1223.4 | 1225.0 | 1226.7 | 1228.3 | 1229.9 | 1230.7 | 1230.7 | 1230.7 |
| 150° | 1262.7 | 1261.1 | 1259.5 | 1257.9 | 1259.5 | 1261.1 | 1262.7 | 1264.2 | 1265.0 | 1265.0 | 1265.0 |
| 152.5° | 1295.5 | 1294.1 | 1292.7 | 1291.3 | 1292.7 | 1294.1 | 1295.5 | 1296.9 | 1297.4 | 1296.9 | 1296.5 |
| 155° | 1342.3 | 1340.5 | 1338.6 | 1336.7 | 1338.6 | 1340.5 | 1342.3 | 1344.2 | 1344.6 | 1343.5 | 1342.4 |
| 157.5° | 1382.5 | 1381.0 | 1379.5 | 1378.1 | 1379.5 | 1381.0 | 1382.5 | 1384.0 | 1384.2 | 1383.1 | 1382.0 |
| 160° | 1408.0 | 1406.9 | 1405.9 | 1404.8 | 1405.9 | 1406.9 | 1408.0 | 1409.1 | 1408.9 | 1407.6 | 1406.3 |
| 162.5° | 1430.0 | 1428.3 | 1426.6 | 1424.9 | 1426.6 | 1428.3 | 1430.0 | 1431.7 | 1431.9 | 1430.5 | 1429.2 |
| 165° | 1459.4 | 1457.5 | 1455.6 | 1453.8 | 1455.6 | 1457.5 | 1459.4 | 1461.3 | 1461.3 | 1459.8 | 1458.2 |
| 167.5° | 1483.4 | 1481.7 | 1480.0 | 1478.4 | 1480.0 | 1481.7 | 1483.4 | 1484.9 | 1484.9 | 1483.4 | 1481.7 |
| 170° | 1496.4 | 1494.5 | 1492.7 | 1490.8 | 1492.7 | 1494.5 | 1496.4 | 1498.3 | 1498.3 | 1496.4 | 1494.5 |
| 172.5° | 1505.9 | 1504.1 | 1502.2 | 1500.4 | 1502.2 | 1504.1 | 1505.9 | 1507.8 | 1507.9 | 1506.3 | 1504.6 |
| 175° | 1516.7 | 1514.8 | 1513.0 | 1511.2 | 1513.0 | 1514.8 | 1516.7 | 1518.5 | 1518.7 | 1517.1 | 1515.5 |
| 177.5° | 1521.3 | 1519.8 | 1518.4 | 1516.9 | 1518.4 | 1519.8 | 1521.3 | 1522.8 | 1522.9 | 1521.6 | 1520.4 |
| 180° | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 |
| 2.5° | 365.3 | 365.3 | 368.0 | 369.9 | 372.1 | 373.5 | 374.5 | 375.6 | 377.4 | 379.7 | 382.4 |
| 5° | 344.4 | 345.1 | 349.2 | 353.2 | 357.1 | 360.4 | 363.2 | 366.5 | 370.6 | 375.6 | 381.1 |
| 7.5° | 324.2 | 327.0 | 331.1 | 336.0 | 341.4 | 346.3 | 351.2 | 356.6 | 362.4 | 369.7 | 377.5 |
| 10° | 311.2 | 314.3 | 319.2 | 325.6 | 331.3 | 337.0 | 343.1 | 349.0 | 356.2 | 364.9 | 374.9 |
| 12.5° | 299.8 | 302.8 | 307.9 | 314.7 | 320.2 | 326.5 | 333.5 | 341.2 | 349.3 | 359.7 | 371.0 |
| 15° | 284.0 | 287.6 | 293.8 | 297.1 | 305.5 | 313.0 | 319.5 | 330.5 | 340.9 | 351.6 | 364.6 |
| 17.5° | 271.1 | 273.1 | 278.1 | 284.3 | 290.5 | 299.0 | 307.4 | 316.7 | 327.0 | 340.1 | 356.5 |
| 20° | 262.2 | 263.9 | 269.4 | 275.9 | 282.6 | 290.3 | 297.9 | 307.1 | 318.7 | 332.6 | 350.3 |
| 22.5° | 255.6 | 257.4 | 261.0 | 267.9 | 274.1 | 280.6 | 288.1 | 299.1 | 311.5 | 325.0 | 344.2 |
| 25° | 246.0 | 247.1 | 249.5 | 255.1 | 260.5 | 267.8 | 274.4 | 284.8 | 297.5 | 313.4 | 332.6 |
| 27.5° | 236.9 | 238.0 | 240.0 | 243.9 | 249.1 | 254.9 | 262.2 | 270.9 | 283.8 | 301.1 | 321.5 |
| 30° | 231.4 | 231.6 | 233.5 | 237.2 | 241.6 | 246.4 | 253.0 | 263.0 | 275.2 | 292.7 | 314.1 |
| 32.5° | 226.7 | 226.0 | 227.3 | 230.0 | 234.3 | 239.2 | 244.6 | 254.4 | 266.2 | 283.4 | 305.4 |
| 35° | 218.7 | 218.3 | 217.8 | 220.1 | 223.9 | 227.5 | 232.3 | 239.7 | 253.0 | 269.1 | 292.2 |
| 37.5° | 210.6 | 209.6 | 208.7 | 209.8 | 212.6 | 216.5 | 220.6 | 227.2 | 238.7 | 256.4 | 278.5 |
| 40° | 204.5 | 203.7 | 203.2 | 202.8 | 205.4 | 209.1 | 212.2 | 218.5 | 229.2 | 246.0 | 267.8 |
| 42.5° | 197.8 | 197.4 | 196.7 | 196.1 | 198.3 | 201.1 | 204.4 | 209.9 | 220.6 | 236.4 | 257.0 |
| 45° | 187.1 | 186.8 | 186.4 | 186.0 | 187.4 | 189.9 | 192.5 | 196.5 | 205.8 | 221.1 | 239.7 |
| 47.5° | 175.2 | 174.8 | 174.9 | 174.3 | 175.5 | 177.3 | 179.1 | 183.5 | 192.3 | 204.7 | 218.3 |
| 50° | 166.7 | 166.4 | 166.4 | 166.4 | 166.8 | 168.9 | 170.6 | 173.9 | 182.0 | 194.3 | 204.1 |
| 52.5° | 158.5 | 157.7 | 157.7 | 158.0 | 158.8 | 160.0 | 161.1 | 164.7 | 171.7 | 182.0 | 190.8 |
| 55° | 145.8 | 144.3 | 143.9 | 144.3 | 144.9 | 146.0 | 147.1 | 150.0 | 156.1 | 163.7 | 168.9 |
| 57.5° | 131.7 | 130.9 | 130.4 | 130.5 | 130.8 | 131.7 | 132.5 | 135.7 | 140.5 | 144.5 | 147.8 |
| 60° | 121.8 | 122.2 | 120.5 | 120.9 | 120.9 | 121.6 | 122.9 | 124.9 | 129.0 | 131.7 | 135.1 |
| 62.5° | 112.5 | 112.0 | 111.5 | 111.0 | 111.0 | 111.3 | 113.0 | 114.6 | 118.1 | 119.5 | 122.1 |
| 65° | 98.0 | 98.0 | 96.9 | 97.3 | 97.4 | 96.2 | 97.0 | 98.9 | 101.2 | 101.7 | 104.1 |
| 67.5° | 83.3 | 82.8 | 82.1 | 81.6 | 81.6 | 81.5 | 82.0 | 82.9 | 84.5 | 84.8 | 86.6 |
| 70° | 73.3 | 72.9 | 72.7 | 72.2 | 71.5 | 72.3 | 71.8 | 72.7 | 73.7 | 73.8 | 74.9 |
| 72.5° | 63.5 | 63.1 | 62.8 | 62.3 | 61.9 | 61.9 | 61.9 | 63.0 | 63.6 | 63.4 | 64.6 |
| 75° | 49.7 | 49.3 | 48.9 | 48.0 | 48.0 | 47.5 | 47.6 | 48.3 | 49.1 | 48.6 | 49.7 |
| 77.5° | 36.4 | 35.3 | 35.3 | 35.5 | 34.9 | 35.0 | 34.8 | 34.7 | 35.0 | 35.0 | 36.0 |
| 80° | 28.0 | 26.8 | 27.1 | 26.9 | 26.8 | 26.5 | 26.2 | 26.4 | 26.5 | 26.8 | 27.3 |
| 82.5° | 20.2 | 20.1 | 19.7 | 19.7 | 19.5 | 19.0 | 18.9 | 19.2 | 19.3 | 19.3 | 19.6 |
| 85° | 10.3 | 9.7 | 10.1 | 10.0 | 10.1 | 10.0 | 9.4 | 9.4 | 9.7 | 9.6 | 10.0 |
| 87.5° | 9.0 | 8.9 | 8.0 | 7.4 | 6.7 | 6.1 | 5.3 | 4.9 | 4.5 | 4.0 | 3.8 |
| 90° | 29.7 | 28.7 | 25.2 | 21.8 | 18.3 | 14.9 | 11.8 | 9.2 | 6.5 | 3.9 | 1.2 |
| 92.5° | 46.7 | 45.9 | 43.9 | 41.9 | 40.0 | 38.0 | 36.1 | 34.3 | 32.5 | 30.7 | 28.9 |
| 95° | 89.4 | 88.4 | 86.3 | 84.1 | 82.0 | 79.9 | 78.0 | 76.0 | 74.2 | 72.3 | 70.5 |
| 97.5° | 139.6 | 138.3 | 136.8 | 135.2 | 133.7 | 132.1 | 130.7 | 129.4 | 127.9 | 126.6 | 125.2 |
| 100° | 176.4 | 175.6 | 174.3 | 172.9 | 171.6 | 170.3 | 168.8 | 167.2 | 165.6 | 164.1 | 162.5 |
| 102.5° | 218.5 | 217.6 | 215.9 | 214.1 | 212.4 | 210.6 | 209.3 | 208.3 | 207.4 | 206.4 | 205.5 |
| 105° | 281.9 | 281.9 | 279.6 | 277.1 | 274.7 | 272.4 | 270.9 | 270.4 | 269.8 | 269.3 | 268.8 |
| 107.5° | 349.0 | 348.1 | 347.1 | 346.2 | 345.2 | 344.3 | 343.6 | 343.3 | 343.0 | 342.7 | 342.4 |
| 110° | 394.1 | 393.0 | 392.4 | 392.0 | 391.4 | 390.9 | 390.4 | 389.8 | 389.3 | 388.8 | 388.2 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 439.2 | 437.9 | 437.8 | 437.7 | 437.6 | 437.5 | 437.3 | 437.0 | 436.7 | 436.3 | 436.0 |
| 115° | 509.1 | 508.9 | 509.5 | 509.9 | 510.5 | 511.0 | 510.9 | 510.1 | 509.3 | 508.5 | 507.7 |
| 117.5° | 579.1 | 579.2 | 579.8 | 580.5 | 581.2 | 581.9 | 581.9 | 581.5 | 580.9 | 580.4 | 579.9 |
| 120° | 625.7 | 626.0 | 627.2 | 628.6 | 629.9 | 631.3 | 631.1 | 629.5 | 628.0 | 626.4 | 624.8 |
| 122.5° | 673.0 | 673.8 | 674.5 | 675.1 | 675.8 | 676.5 | 676.3 | 675.1 | 673.9 | 672.7 | 671.6 |
| 125° | 743.1 | 744.3 | 744.7 | 745.3 | 745.8 | 746.3 | 746.2 | 745.4 | 744.7 | 743.8 | 743.0 |
| 127.5° | 812.5 | 814.0 | 814.6 | 815.2 | 815.7 | 816.3 | 815.8 | 814.0 | 812.4 | 810.6 | 809.0 |
| 130° | 857.9 | 858.9 | 859.7 | 860.5 | 861.3 | 862.1 | 861.4 | 859.3 | 857.1 | 855.1 | 852.9 |
| 132.5° | 902.5 | 903.8 | 904.4 | 905.0 | 905.5 | 906.2 | 905.4 | 903.2 | 901.1 | 899.0 | 896.9 |
| 135° | 968.9 | 970.0 | 970.3 | 970.5 | 970.8 | 971.1 | 970.4 | 968.8 | 967.2 | 965.6 | 964.0 |
| 137.5° | 1034.1 | 1035.2 | 1034.5 | 1033.8 | 1033.2 | 1032.5 | 1031.4 | 1030.2 | 1028.8 | 1027.5 | 1026.1 |
| 140° | 1076.0 | 1076.3 | 1076.0 | 1075.8 | 1075.5 | 1075.2 | 1074.4 | 1073.1 | 1071.8 | 1070.5 | 1069.1 |
| 142.5° | 1116.2 | 1116.4 | 1115.9 | 1115.5 | 1115.0 | 1114.5 | 1113.6 | 1112.3 | 1111.0 | 1109.6 | 1108.3 |
| 145° | 1175.2 | 1175.4 | 1174.6 | 1173.9 | 1173.1 | 1172.3 | 1171.6 | 1171.1 | 1170.5 | 1170.1 | 1169.5 |
| 147.5° | 1230.7 | 1230.7 | 1229.9 | 1229.2 | 1228.4 | 1227.6 | 1226.9 | 1225.9 | 1224.9 | 1223.9 | 1223.0 |
| 150° | 1265.0 | 1265.0 | 1264.5 | 1264.0 | 1263.5 | 1262.9 | 1262.4 | 1261.9 | 1261.3 | 1260.8 | 1260.3 |
| 152.5° | 1296.1 | 1295.6 | 1295.3 | 1295.0 | 1294.7 | 1294.3 | 1293.8 | 1293.1 | 1292.4 | 1291.6 | 1290.9 |
| 155° | 1341.4 | 1340.3 | 1340.1 | 1339.7 | 1339.5 | 1339.3 | 1339.1 | 1339.1 | 1339.1 | 1339.1 | 1339.1 |
| 157.5° | 1380.9 | 1379.7 | 1379.5 | 1379.3 | 1379.1 | 1378.9 | 1379.0 | 1379.3 | 1379.6 | 1379.9 | 1380.2 |
| 160° | 1404.9 | 1403.6 | 1403.6 | 1403.6 | 1403.6 | 1403.6 | 1403.9 | 1404.4 | 1404.9 | 1405.5 | 1406.0 |
| 162.5° | 1427.9 | 1426.6 | 1426.3 | 1426.2 | 1425.9 | 1425.7 | 1426.0 | 1426.7 | 1427.4 | 1428.2 | 1428.9 |
| 165° | 1456.6 | 1455.0 | 1455.0 | 1455.0 | 1455.0 | 1455.0 | 1455.4 | 1456.2 | 1457.0 | 1457.8 | 1458.6 |
| 167.5° | 1480.0 | 1478.4 | 1478.2 | 1478.0 | 1477.7 | 1477.6 | 1478.0 | 1479.0 | 1480.1 | 1481.1 | 1482.3 |
| 170° | 1492.7 | 1490.8 | 1490.8 | 1490.8 | 1490.8 | 1490.8 | 1491.4 | 1492.4 | 1493.5 | 1494.5 | 1495.6 |
| 172.5° | 1503.0 | 1501.3 | 1501.3 | 1501.3 | 1501.3 | 1501.3 | 1501.9 | 1502.9 | 1504.0 | 1505.1 | 1506.1 |
| 175° | 1513.9 | 1512.4 | 1512.4 | 1512.4 | 1512.4 | 1512.4 | 1512.8 | 1513.9 | 1515.0 | 1516.1 | 1517.1 |
| 177.5° | 1519.1 | 1517.8 | 1517.8 | 1517.8 | 1517.8 | 1517.8 | 1518.2 | 1519.1 | 1520.0 | 1520.8 | 1521.6 |
| 180° | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 |
| 2.5° | 383.3 | 384.0 | 386.5 | 388.3 | 390.4 | 391.6 | 392.7 | 393.6 | 394.8 | 395.1 | 399.3 |
| 5° | 385.0 | 388.6 | 395.1 | 399.9 | 405.8 | 412.3 | 416.7 | 418.7 | 424.1 | 428.5 | 437.4 |
| 7.5° | 384.5 | 392.4 | 402.1 | 412.3 | 423.0 | 433.1 | 441.8 | 452.2 | 459.5 | 470.6 | 481.4 |
| 10° | 384.0 | 394.6 | 407.1 | 420.0 | 435.1 | 449.2 | 461.8 | 475.8 | 487.4 | 502.7 | 515.8 |
| 12.5° | 382.7 | 395.5 | 412.9 | 428.2 | 446.6 | 465.9 | 484.5 | 502.5 | 512.8 | 538.3 | 550.3 |
| 15° | 379.5 | 394.6 | 416.4 | 439.6 | 464.9 | 487.7 | 511.4 | 530.2 | 560.6 | 583.0 | 597.2 |
| 17.5° | 373.2 | 394.3 | 420.2 | 448.2 | 479.0 | 509.1 | 535.9 | 564.4 | 596.8 | 623.8 | 652.6 |
| 20° | 370.2 | 393.5 | 422.2 | 453.3 | 485.2 | 519.4 | 549.8 | 584.1 | 619.3 | 645.9 | 682.9 |
| 22.5° | 364.7 | 391.1 | 422.1 | 456.6 | 490.8 | 526.1 | 561.7 | 596.4 | 637.1 | 673.7 | 708.8 |
| 25° | 355.8 | 385.3 | 417.5 | 456.1 | 496.1 | 531.5 | 574.2 | 620.1 | 662.5 | 709.6 | 744.7 |
| 27.5° | 346.4 | 378.0 | 410.1 | 446.0 | 489.1 | 531.2 | 584.8 | 636.7 | 688.6 | 729.2 | 755.2 |
| 30° | 339.2 | 369.9 | 403.1 | 439.3 | 481.9 | 531.9 | 591.8 | 648.5 | 699.1 | 734.0 | 748.5 |
| 32.5° | 331.4 | 362.4 | 391.8 | 429.8 | 475.2 | 531.4 | 596.3 | 655.5 | 699.7 | 722.9 | 720.0 |
| 35° | 319.1 | 345.1 | 373.8 | 410.3 | 463.7 | 528.1 | 598.9 | 656.1 | 683.2 | 678.2 | 640.6 |
| 37.5° | 301.3 | 323.3 | 351.4 | 391.4 | 450.5 | 521.3 | 593.7 | 636.6 | 634.9 | 594.3 | 539.7 |
| 40° | 290.3 | 309.0 | 336.0 | 378.1 | 440.1 | 516.9 | 585.6 | 613.5 | 589.9 | 533.1 | 467.9 |
| 42.5° | 275.8 | 293.0 | 320.1 | 363.4 | 428.8 | 507.9 | 570.1 | 578.1 | 532.0 | 466.8 | 406.9 |
| 45° | 253.4 | 268.5 | 296.6 | 341.3 | 411.7 | 488.3 | 532.3 | 512.5 | 450.3 | 382.9 | 337.4 |
| 47.5° | 229.3 | 245.0 | 272.0 | 317.9 | 387.1 | 458.8 | 479.7 | 437.8 | 373.9 | 319.2 | 277.4 |
| 50° | 214.0 | 229.2 | 255.6 | 301.9 | 370.4 | 434.6 | 443.3 | 389.0 | 330.3 | 282.3 | 248.0 |
| 52.5° | 198.8 | 212.9 | 238.9 | 285.4 | 350.9 | 406.5 | 401.2 | 345.9 | 292.0 | 251.0 | 224.1 |
| 55° | 175.9 | 189.3 | 214.0 | 257.6 | 317.3 | 361.3 | 342.0 | 289.2 | 244.5 | 212.8 | 192.3 |
| 57.5° | 155.4 | 168.3 | 189.6 | 229.0 | 280.8 | 311.2 | 286.5 | 242.0 | 206.5 | 182.0 | 166.8 |
| 60° | 141.6 | 153.0 | 173.3 | 209.8 | 254.8 | 277.9 | 253.6 | 214.3 | 184.3 | 164.8 | 151.1 |
| 62.5° | 128.4 | 138.4 | 157.2 | 190.4 | 229.5 | 248.8 | 224.2 | 190.9 | 165.5 | 148.1 | 136.5 |
| 65° | 108.5 | 117.6 | 134.2 | 160.0 | 192.1 | 205.0 | 183.8 | 156.9 | 137.1 | 124.2 | 116.5 |
| 67.5° | 90.4 | 98.1 | 112.4 | 132.7 | 156.4 | 165.7 | 149.6 | 128.7 | 113.8 | 103.5 | 97.4 |
| 70° | 78.3 | 84.9 | 96.2 | 113.7 | 135.1 | 142.3 | 127.1 | 110.0 | 99.1 | 90.8 | 85.1 |
| 72.5° | 68.0 | 73.0 | 83.2 | 96.7 | 114.5 | 120.3 | 109.7 | 94.7 | 84.5 | 78.3 | 73.7 |
| 75° | 51.9 | 55.9 | 62.6 | 73.4 | 85.8 | 89.1 | 81.2 | 71.8 | 65.0 | 60.5 | 57.0 |
| 77.5° | 37.4 | 40.4 | 45.2 | 51.9 | 60.4 | 63.5 | 58.5 | 52.1 | 47.1 | 44.2 | 42.2 |
| 80° | 28.2 | 30.7 | 34.7 | 40.2 | 45.4 | 47.1 | 44.1 | 39.3 | 35.8 | 34.1 | 32.5 |
| 82.5° | 20.8 | 22.2 | 24.6 | 28.4 | 31.9 | 33.9 | 31.4 | 28.5 | 26.6 | 25.1 | 24.5 |
| 85° | 10.5 | 11.2 | 12.4 | 13.9 | 16.1 | 16.8 | 15.8 | 15.1 | 14.0 | 13.1 | 13.1 |
| 87.5° | 4.6 | 5.1 | 6.1 | 7.0 | 8.2 | 9.3 | 9.8 | 10.2 | 10.8 | 10.9 | 10.9 |
| 90° | 3.9 | 6.5 | 9.2 | 11.8 | 14.9 | 18.3 | 21.8 | 25.2 | 28.7 | 29.7 | 30.8 |
| 92.5° | 30.7 | 32.5 | 34.3 | 36.1 | 38.0 | 40.0 | 41.9 | 43.9 | 45.9 | 46.7 | 47.5 |
| 95° | 72.3 | 74.2 | 76.0 | 78.0 | 79.9 | 82.0 | 84.1 | 86.3 | 88.4 | 89.4 | 90.5 |
| 97.5° | 126.6 | 127.9 | 129.4 | 130.7 | 132.1 | 133.7 | 135.2 | 136.8 | 138.3 | 139.6 | 140.8 |
| 100° | 164.1 | 165.6 | 167.2 | 168.8 | 170.3 | 171.6 | 172.9 | 174.3 | 175.6 | 176.4 | 177.2 |
| 102.5° | 206.4 | 207.4 | 208.3 | 209.3 | 210.6 | 212.4 | 214.1 | 215.9 | 217.6 | 218.5 | 219.3 |
| 105° | 269.3 | 269.8 | 270.4 | 270.9 | 272.4 | 274.7 | 277.1 | 279.6 | 281.9 | 281.9 | 281.9 |
| 107.5° | 342.7 | 343.0 | 343.3 | 343.6 | 344.3 | 345.2 | 346.2 | 347.1 | 348.1 | 349.0 | 349.8 |
| 110° | 388.8 | 389.3 | 389.8 | 390.4 | 390.9 | 391.4 | 392.0 | 392.4 | 393.0 | 394.1 | 395.1 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 436.3 | 436.7 | 437.0 | 437.3 | 437.5 | 437.6 | 437.7 | 437.8 | 437.9 | 439.2 | 440.5 |
| 115° | 508.5 | 509.3 | 510.1 | 510.9 | 511.0 | 510.5 | 509.9 | 509.5 | 508.9 | 509.1 | 509.5 |
| 117.5° | 580.4 | 580.9 | 581.5 | 581.9 | 581.9 | 581.2 | 580.5 | 579.8 | 579.2 | 579.1 | 579.0 |
| 120° | 626.4 | 628.0 | 629.5 | 631.1 | 631.3 | 629.9 | 628.6 | 627.2 | 626.0 | 625.7 | 625.4 |
| 122.5° | 672.7 | 673.9 | 675.1 | 676.3 | 676.5 | 675.8 | 675.1 | 674.5 | 673.8 | 673.0 | 672.3 |
| 125° | 743.8 | 744.7 | 745.4 | 746.2 | 746.3 | 745.8 | 745.3 | 744.7 | 744.3 | 743.1 | 742.1 |
| 127.5° | 810.6 | 812.4 | 814.0 | 815.8 | 816.3 | 815.7 | 815.2 | 814.6 | 814.0 | 812.5 | 811.0 |
| 130° | 855.1 | 857.1 | 859.3 | 861.4 | 862.1 | 861.3 | 860.5 | 859.7 | 858.9 | 857.9 | 856.7 |
| 132.5° | 899.0 | 901.1 | 903.2 | 905.4 | 906.2 | 905.5 | 905.0 | 904.4 | 903.8 | 902.5 | 901.3 |
| 135° | 965.6 | 967.2 | 968.8 | 970.4 | 971.1 | 970.8 | 970.5 | 970.3 | 970.0 | 968.9 | 967.9 |
| 137.5° | 1027.5 | 1028.8 | 1030.2 | 1031.4 | 1032.5 | 1033.2 | 1033.8 | 1034.5 | 1035.2 | 1034.1 | 1033.0 |
| 140° | 1070.5 | 1071.8 | 1073.1 | 1074.4 | 1075.2 | 1075.5 | 1075.8 | 1076.0 | 1076.3 | 1076.0 | 1075.8 |
| 142.5° | 1109.6 | 1111.0 | 1112.3 | 1113.6 | 1114.5 | 1115.0 | 1115.5 | 1115.9 | 1116.4 | 1116.2 | 1115.9 |
| 145° | 1170.1 | 1170.5 | 1171.1 | 1171.6 | 1172.3 | 1173.1 | 1173.9 | 1174.6 | 1175.4 | 1175.2 | 1174.9 |
| 147.5° | 1223.9 | 1224.9 | 1225.9 | 1226.9 | 1227.6 | 1228.4 | 1229.2 | 1229.9 | 1230.7 | 1230.7 | 1230.7 |
| 150° | 1260.8 | 1261.3 | 1261.9 | 1262.4 | 1262.9 | 1263.5 | 1264.0 | 1264.5 | 1265.0 | 1265.0 | 1265.0 |
| 152.5° | 1291.6 | 1292.4 | 1293.1 | 1293.8 | 1294.3 | 1294.7 | 1295.0 | 1295.3 | 1295.6 | 1296.1 | 1296.5 |
| 155° | 1339.1 | 1339.1 | 1339.1 | 1339.1 | 1339.3 | 1339.5 | 1339.7 | 1340.1 | 1340.3 | 1341.4 | 1342.4 |
| 157.5° | 1379.9 | 1379.6 | 1379.3 | 1379.0 | 1378.9 | 1379.1 | 1379.3 | 1379.5 | 1379.7 | 1380.9 | 1382.0 |
| 160° | 1405.5 | 1404.9 | 1404.4 | 1403.9 | 1403.6 | 1403.6 | 1403.6 | 1403.6 | 1403.6 | 1404.9 | 1406.3 |
| 162.5° | 1428.2 | 1427.4 | 1426.7 | 1426.0 | 1425.7 | 1425.9 | 1426.2 | 1426.3 | 1426.6 | 1427.9 | 1429.2 |
| 165° | 1457.8 | 1457.0 | 1456.2 | 1455.4 | 1455.0 | 1455.0 | 1455.0 | 1455.0 | 1455.0 | 1456.6 | 1458.2 |
| 167.5° | 1481.1 | 1480.1 | 1479.0 | 1478.0 | 1477.6 | 1477.7 | 1478.0 | 1478.2 | 1478.4 | 1480.0 | 1481.7 |
| 170° | 1494.5 | 1493.5 | 1492.4 | 1491.4 | 1490.8 | 1490.8 | 1490.8 | 1490.8 | 1490.8 | 1492.7 | 1494.5 |
| 172.5° | 1505.1 | 1504.0 | 1502.9 | 1501.9 | 1501.3 | 1501.3 | 1501.3 | 1501.3 | 1501.3 | 1503.0 | 1504.6 |
| 175° | 1516.1 | 1515.0 | 1513.9 | 1512.8 | 1512.4 | 1512.4 | 1512.4 | 1512.4 | 1512.4 | 1513.9 | 1515.5 |
| 177.5° | 1520.8 | 1520.0 | 1519.1 | 1518.2 | 1517.8 | 1517.8 | 1517.8 | 1517.8 | 1517.8 | 1519.1 | 1520.4 |
| 180° | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 | 380.9 |
| 2.5° | 400.8 | 401.0 | 402.6 | 403.8 | 403.2 | 403.9 | 404.3 |
| 5° | 437.9 | 444.6 | 448.1 | 450.7 | 450.8 | 451.1 | 452.5 |
| 7.5° | 490.5 | 497.6 | 502.9 | 510.8 | 513.1 | 515.8 | 515.1 |
| 10° | 528.9 | 539.5 | 548.5 | 553.3 | 558.5 | 566.0 | 559.9 |
| 12.5° | 564.8 | 583.4 | 597.2 | 604.7 | 609.5 | 611.0 | 608.1 |
| 15° | 624.0 | 648.3 | 661.4 | 661.1 | 677.6 | 684.8 | 673.6 |
| 17.5° | 678.2 | 700.7 | 718.7 | 727.9 | 741.8 | 744.8 | 743.5 |
| 20° | 711.5 | 736.0 | 750.0 | 765.9 | 773.1 | 779.5 | 780.6 |
| 22.5° | 740.1 | 762.2 | 777.2 | 790.4 | 796.4 | 799.5 | 801.3 |
| 25° | 769.6 | 787.0 | 796.0 | 800.6 | 802.2 | 801.8 | 799.5 |
| 27.5° | 767.5 | 768.9 | 758.9 | 749.2 | 740.4 | 730.6 | 727.1 |
| 30° | 747.6 | 732.1 | 704.4 | 688.7 | 665.7 | 647.4 | 654.8 |
| 32.5° | 695.2 | 664.3 | 633.3 | 599.0 | 570.6 | 562.5 | 554.4 |
| 35° | 593.3 | 539.1 | 507.3 | 470.4 | 455.7 | 440.9 | 430.7 |
| 37.5° | 480.0 | 438.1 | 400.4 | 376.3 | 361.5 | 352.1 | 347.1 |
| 40° | 415.0 | 377.2 | 346.2 | 326.6 | 315.4 | 304.9 | 303.4 |
| 42.5° | 363.2 | 328.0 | 304.8 | 289.1 | 278.4 | 273.9 | 270.6 |
| 45° | 297.5 | 273.0 | 257.3 | 246.2 | 239.0 | 236.2 | 232.5 |
| 47.5° | 251.8 | 234.5 | 222.7 | 215.2 | 209.7 | 207.6 | 207.4 |
| 50° | 226.2 | 211.8 | 203.2 | 197.3 | 193.1 | 192.3 | 189.3 |
| 52.5° | 207.1 | 194.6 | 187.8 | 182.7 | 179.6 | 177.5 | 176.7 |
| 55° | 179.7 | 171.4 | 165.3 | 162.4 | 160.0 | 158.0 | 158.0 |
| 57.5° | 157.2 | 150.4 | 146.3 | 143.8 | 143.1 | 141.6 | 140.7 |
| 60° | 143.4 | 137.5 | 134.4 | 132.1 | 130.6 | 130.9 | 129.2 |
| 62.5° | 129.8 | 126.0 | 122.9 | 120.8 | 119.0 | 119.1 | 119.1 |
| 65° | 110.5 | 107.6 | 105.4 | 104.6 | 103.5 | 102.3 | 102.6 |
| 67.5° | 93.7 | 90.9 | 89.2 | 87.9 | 87.5 | 86.8 | 87.9 |
| 70° | 81.6 | 79.5 | 78.3 | 77.2 | 76.8 | 76.9 | 77.9 |
| 72.5° | 70.5 | 69.1 | 68.2 | 67.7 | 66.9 | 66.9 | 67.6 |
| 75° | 55.4 | 54.3 | 53.6 | 53.0 | 52.8 | 52.8 | 52.8 |
| 77.5° | 40.6 | 40.4 | 40.1 | 39.3 | 39.3 | 39.5 | 39.5 |
| 80° | 32.1 | 31.5 | 31.4 | 31.0 | 30.4 | 30.1 | 31.0 |
| 82.5° | 24.0 | 23.4 | 23.3 | 23.2 | 22.3 | 22.3 | 23.1 |
| 85° | 12.9 | 12.4 | 12.5 | 12.4 | 12.4 | 12.2 | 12.2 |
| 87.5° | 10.9 | 11.0 | 11.0 | 11.2 | 11.2 | 11.2 | 11.6 |
| 90° | 31.8 | 33.0 | 33.7 | 34.2 | 34.8 | 35.3 | 35.8 |
| 92.5° | 48.4 | 49.3 | 49.5 | 49.2 | 48.9 | 48.6 | 48.2 |
| 95° | 91.6 | 92.6 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 97.5° | 142.0 | 143.2 | 143.8 | 143.7 | 143.5 | 143.5 | 143.4 |
| 100° | 178.0 | 178.8 | 179.4 | 180.0 | 180.5 | 181.0 | 181.6 |
| 102.5° | 220.1 | 220.9 | 221.2 | 221.1 | 220.9 | 220.9 | 220.8 |
| 105° | 281.9 | 281.9 | 282.2 | 282.7 | 283.3 | 283.8 | 284.3 |
| 107.5° | 350.6 | 351.5 | 351.7 | 351.4 | 351.1 | 350.8 | 350.5 |
| 110° | 396.2 | 397.3 | 397.5 | 397.0 | 396.5 | 395.9 | 395.4 |



TEST NUMBER: P332115-927

CATALOG NUMBER: S123DIW-S340D1535U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 441.7 | 443.0 | 443.6 | 443.5 | 443.4 | 443.3 | 443.1 |
| 115° | 509.7 | 509.9 | 509.9 | 509.7 | 509.5 | 509.1 | 508.9 |
| 117.5° | 579.0 | 578.9 | 578.5 | 577.7 | 577.0 | 576.3 | 575.5 |
| 120° | 625.2 | 624.9 | 624.5 | 624.0 | 623.4 | 622.9 | 622.3 |
| 122.5° | 671.7 | 671.0 | 670.3 | 669.6 | 668.8 | 668.0 | 667.3 |
| 125° | 741.0 | 740.0 | 738.9 | 737.8 | 736.8 | 735.7 | 734.7 |
| 127.5° | 809.5 | 808.0 | 806.7 | 805.5 | 804.2 | 803.0 | 801.8 |
| 130° | 855.7 | 854.7 | 853.2 | 851.4 | 849.5 | 847.6 | 845.7 |
| 132.5° | 900.0 | 898.7 | 897.4 | 896.0 | 894.5 | 893.0 | 891.6 |
| 135° | 966.8 | 965.7 | 965.0 | 964.4 | 963.8 | 963.4 | 962.8 |
| 137.5° | 1031.9 | 1030.8 | 1029.7 | 1028.6 | 1027.7 | 1026.7 | 1025.6 |
| 140° | 1075.5 | 1075.2 | 1074.2 | 1072.3 | 1070.5 | 1068.6 | 1066.8 |
| 142.5° | 1115.6 | 1115.4 | 1114.5 | 1113.1 | 1111.7 | 1110.2 | 1108.8 |
| 145° | 1174.6 | 1174.4 | 1173.7 | 1172.7 | 1171.6 | 1170.5 | 1169.5 |
| 147.5° | 1230.7 | 1230.7 | 1229.9 | 1228.3 | 1226.7 | 1225.0 | 1223.4 |
| 150° | 1265.0 | 1265.0 | 1264.2 | 1262.7 | 1261.1 | 1259.5 | 1257.9 |
| 152.5° | 1296.9 | 1297.4 | 1296.9 | 1295.5 | 1294.1 | 1292.7 | 1291.3 |
| 155° | 1343.5 | 1344.6 | 1344.2 | 1342.3 | 1340.5 | 1338.6 | 1336.7 |
| 157.5° | 1383.1 | 1384.2 | 1384.0 | 1382.5 | 1381.0 | 1379.5 | 1378.1 |
| 160° | 1407.6 | 1408.9 | 1409.1 | 1408.0 | 1406.9 | 1405.9 | 1404.8 |
| 162.5° | 1430.5 | 1431.9 | 1431.7 | 1430.0 | 1428.3 | 1426.6 | 1424.9 |
| 165° | 1459.8 | 1461.3 | 1461.3 | 1459.4 | 1457.5 | 1455.6 | 1453.8 |
| 167.5° | 1483.4 | 1484.9 | 1484.9 | 1483.4 | 1481.7 | 1480.0 | 1478.4 |
| 170° | 1496.4 | 1498.3 | 1498.3 | 1496.4 | 1494.5 | 1492.7 | 1490.8 |
| 172.5° | 1506.3 | 1507.9 | 1507.8 | 1505.9 | 1504.1 | 1502.2 | 1500.4 |
| 175° | 1517.1 | 1518.7 | 1518.5 | 1516.7 | 1514.8 | 1513.0 | 1511.2 |
| 177.5° | 1521.6 | 1522.9 | 1522.8 | 1521.3 | 1519.8 | 1518.4 | 1516.9 |
| 180° | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 | 1520.7 |

(END OF REPORT)