

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: P331508-940

Luminaire Tested: **S122DIW-S485D970U940-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331508-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-8,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122DIW-S485D970U940-4F0-1E-UDD-A1
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 485 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 970 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4908.6 lumens
Efficiency: N/A
Efficacy: 108.6 lumens/watt
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: Semi-Indirect

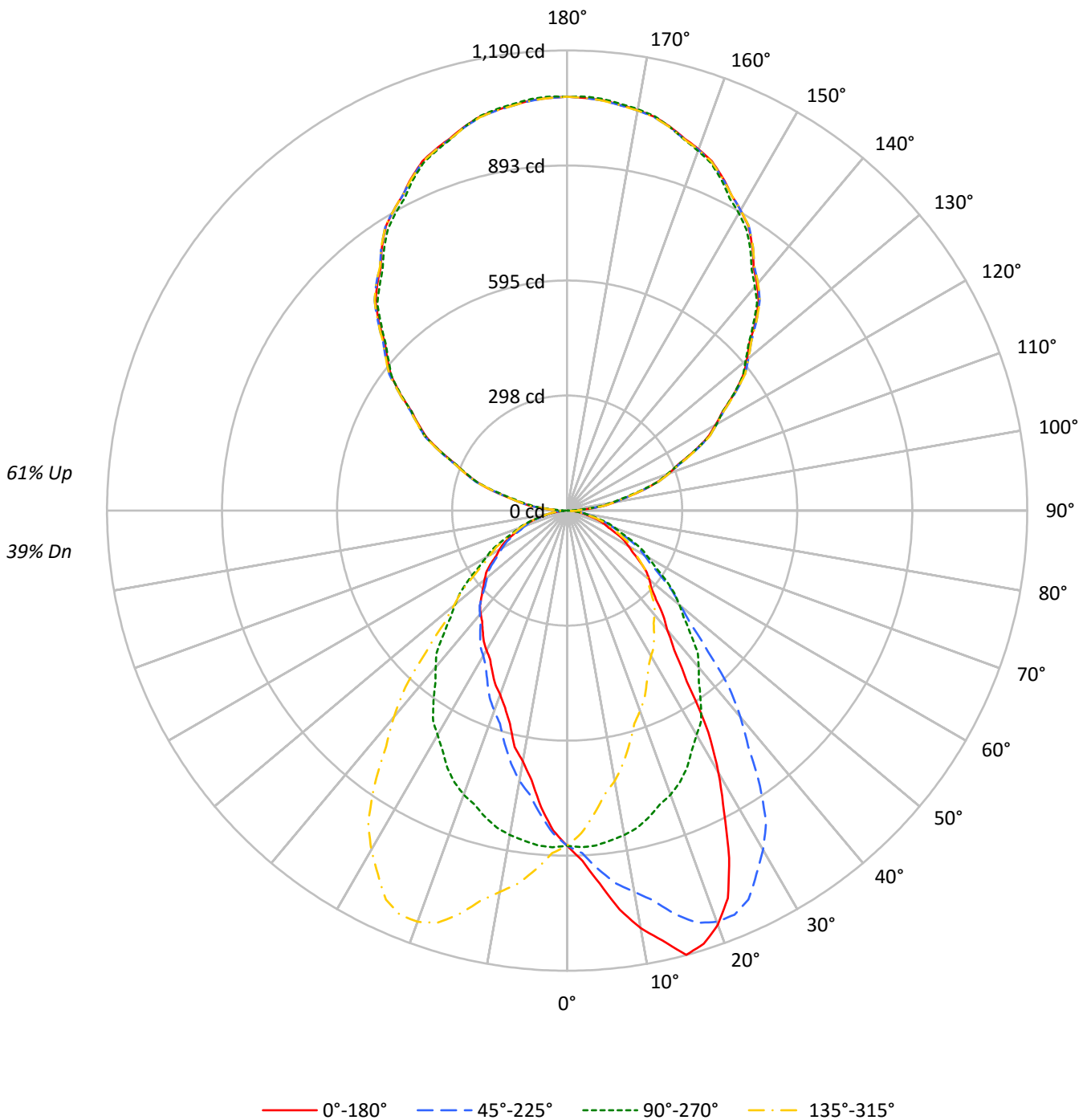
Input Watts (W): 45.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-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 | 105 | 105 | 105 | 105 | 95 | 95 | 95 | 95 | 77 | 77 | 77 | 61 | 61 | 61 | 46 | 46 | 46 | 39 |
| 1 | 96 | 92 | 88 | 85 | 87 | 83 | 80 | 77 | 68 | 66 | 64 | 54 | 53 | 51 | 41 | 40 | 40 | 34 |
| 2 | 87 | 80 | 75 | 70 | 79 | 73 | 68 | 64 | 60 | 57 | 54 | 48 | 46 | 43 | 37 | 35 | 34 | 29 |
| 3 | 80 | 71 | 64 | 58 | 72 | 65 | 59 | 54 | 53 | 49 | 45 | 43 | 40 | 37 | 33 | 31 | 29 | 25 |
| 4 | 73 | 63 | 55 | 50 | 66 | 58 | 51 | 46 | 48 | 43 | 39 | 38 | 35 | 32 | 30 | 27 | 26 | 22 |
| 5 | 67 | 56 | 48 | 43 | 61 | 52 | 45 | 40 | 43 | 38 | 34 | 35 | 31 | 28 | 27 | 24 | 22 | 19 |
| 6 | 62 | 51 | 43 | 37 | 56 | 46 | 40 | 35 | 39 | 33 | 30 | 31 | 28 | 25 | 24 | 22 | 20 | 17 |
| 7 | 57 | 46 | 38 | 33 | 52 | 42 | 35 | 30 | 35 | 30 | 26 | 29 | 25 | 22 | 22 | 20 | 18 | 15 |
| 8 | 53 | 41 | 34 | 29 | 49 | 38 | 32 | 27 | 32 | 27 | 23 | 26 | 22 | 20 | 21 | 18 | 16 | 14 |
| 9 | 50 | 38 | 31 | 26 | 45 | 35 | 29 | 24 | 29 | 24 | 21 | 24 | 20 | 18 | 19 | 17 | 15 | 12 |
| 10 | 46 | 35 | 28 | 23 | 42 | 32 | 26 | 22 | 27 | 22 | 19 | 22 | 19 | 16 | 18 | 15 | 13 | 11 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 13990 | 13990 | 13990 | 13990 |
| 5° | 15686 | 14083 | 12478 | 14083 |
| 10° | 17974 | 13967 | 10799 | 13967 |
| 15° | 19883 | 13710 | 9541 | 13710 |
| 20° | 19581 | 13435 | 8698 | 13435 |
| 25° | 17655 | 13069 | 8165 | 13069 |
| 30° | 14590 | 12486 | 7774 | 12486 |
| 35° | 10634 | 11874 | 7496 | 11874 |
| 40° | 8494 | 11152 | 7341 | 11152 |
| 45° | 7421 | 10319 | 7133 | 10319 |
| 50° | 6978 | 9510 | 6993 | 9510 |
| 55° | 6432 | 8690 | 6804 | 8690 |
| 60° | 5893 | 7818 | 6516 | 7818 |
| 65° | 5368 | 7033 | 6235 | 7033 |
| 70° | 4877 | 6274 | 5816 | 6274 |
| 75° | 4323 | 5421 | 5153 | 5421 |
| 80° | 3710 | 4491 | 4147 | 4491 |
| 85° | 3335 | 3335 | 2464 | 3335 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 82.5 | 1.7 |
| 10°-20° | 239.9 | 4.9 |
| 20°-30° | 348.2 | 7.1 |
| 30°-40° | 367.4 | 7.5 |
| 40°-50° | 325.3 | 6.6 |
| 50°-60° | 259.6 | 5.3 |
| 60°-70° | 176.5 | 3.6 |
| 70°-80° | 90.5 | 1.8 |
| 80°-90° | 26.1 | 0.5 |
| 90°-100° | 67.8 | 1.4 |
| 100°-110° | 210.6 | 4.3 |
| 110°-120° | 360.0 | 7.3 |
| 120°-130° | 473.5 | 9.6 |
| 130°-140° | 531.4 | 10.8 |
| 140°-150° | 521.1 | 10.6 |
| 150°-160° | 437.0 | 8.9 |
| 160°-170° | 289.9 | 5.9 |
| 170°-180° | 101.3 | 2.1 |
| 0°-30° | 670.6 | 13.7 |
| 0°-40° | 1038.0 | 21.1 |
| 0°-60° | 1623.0 | 33.1 |
| 0°-90° | 1916.0 | 39.0 |
| 90°-120° | 638.5 | 13.0 |
| 90°-150° | 2164.4 | 44.1 |
| 90°-180° | 2993.0 | 61.0 |
| 0°-180° | 4908.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 866 | 866 | 866 | 866 | 866 | |
| 5° | 968 | 869 | 770 | 869 | 968 | 97 |
| 15° | 1190 | 820 | 571 | 820 | 1190 | 328 |
| 25° | 991 | 734 | 458 | 734 | 991 | 448 |
| 35° | 540 | 602 | 380 | 602 | 540 | 351 |
| 45° | 325 | 452 | 312 | 452 | 325 | 256 |
| 55° | 228 | 309 | 242 | 309 | 228 | 205 |
| 65° | 140 | 184 | 163 | 184 | 140 | 140 |
| 75° | 69 | 87 | 83 | 87 | 69 | 74 |
| 85° | 18 | 18 | 13 | 18 | 18 | 21 |
| 90° | 31 | 1 | 31 | 1 | 31 | 14 |
| 95° | 56 | 47 | 56 | 47 | 56 | 62 |
| 105° | 200 | 194 | 200 | 194 | 200 | 211 |
| 115° | 361 | 361 | 361 | 361 | 361 | 357 |
| 125° | 527 | 526 | 527 | 526 | 527 | 470 |
| 135° | 688 | 680 | 688 | 680 | 688 | 530 |
| 145° | 835 | 826 | 835 | 826 | 835 | 521 |
| 155° | 951 | 944 | 951 | 944 | 951 | 438 |
| 165° | 1028 | 1027 | 1028 | 1027 | 1028 | 290 |
| 175° | 1065 | 1068 | 1065 | 1068 | 1065 | 101 |
| 180° | 1070 | 1070 | 1070 | 1070 | 1070 | |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 |
| 2.5° | 906.5 | 906.8 | 907.2 | 903.0 | 902.5 | 902.5 | 898.8 | 895.5 | 891.8 | 886.7 | 887.3 |
| 5° | 967.8 | 971.4 | 972.8 | 968.8 | 962.8 | 962.1 | 956.4 | 947.1 | 938.4 | 931.5 | 926.5 |
| 7.5° | 1040.9 | 1042.3 | 1039.1 | 1033.8 | 1029.4 | 1021.4 | 1010.8 | 1000.5 | 986.1 | 972.8 | 963.0 |
| 10° | 1096.3 | 1098.3 | 1092.6 | 1084.9 | 1078.6 | 1069.3 | 1054.0 | 1038.3 | 1019.4 | 1001.0 | 986.4 |
| 12.5° | 1138.4 | 1143.4 | 1136.0 | 1135.1 | 1124.2 | 1111.4 | 1093.1 | 1085.2 | 1058.5 | 1033.0 | 1017.3 |
| 15° | 1189.5 | 1189.2 | 1189.9 | 1183.6 | 1175.5 | 1173.6 | 1154.2 | 1133.3 | 1095.6 | 1080.7 | 1054.6 |
| 17.5° | 1174.7 | 1179.8 | 1182.1 | 1182.1 | 1181.9 | 1180.6 | 1174.4 | 1161.2 | 1142.3 | 1118.0 | 1088.1 |
| 20° | 1139.6 | 1146.2 | 1147.3 | 1154.9 | 1159.2 | 1164.9 | 1167.2 | 1163.6 | 1151.9 | 1131.6 | 1105.6 |
| 22.5° | 1085.2 | 1087.1 | 1090.2 | 1102.2 | 1111.5 | 1125.7 | 1133.1 | 1145.4 | 1140.9 | 1131.0 | 1109.4 |
| 25° | 991.0 | 987.7 | 999.3 | 1005.4 | 1027.0 | 1049.6 | 1066.0 | 1084.0 | 1099.9 | 1109.6 | 1103.3 |
| 27.5° | 878.0 | 873.0 | 890.5 | 906.3 | 923.9 | 948.4 | 973.8 | 1003.9 | 1028.9 | 1060.2 | 1070.9 |
| 30° | 782.6 | 785.6 | 802.3 | 819.2 | 845.9 | 880.5 | 909.1 | 942.1 | 977.8 | 1012.7 | 1037.0 |
| 32.5° | 679.8 | 691.3 | 701.8 | 727.8 | 751.3 | 789.9 | 831.9 | 873.1 | 917.6 | 957.3 | 994.9 |
| 35° | 539.5 | 552.8 | 567.5 | 586.5 | 619.4 | 657.7 | 698.7 | 754.3 | 814.9 | 869.2 | 913.8 |
| 37.5° | 454.1 | 452.0 | 460.4 | 474.1 | 500.8 | 531.7 | 578.8 | 633.8 | 705.2 | 768.9 | 831.9 |
| 40° | 403.0 | 401.6 | 407.6 | 420.3 | 440.6 | 463.2 | 504.5 | 552.8 | 619.1 | 697.0 | 772.0 |
| 42.5° | 367.7 | 368.5 | 371.9 | 380.8 | 394.8 | 413.4 | 444.3 | 485.4 | 546.1 | 619.5 | 700.0 |
| 45° | 325.0 | 327.3 | 331.0 | 335.4 | 343.3 | 358.6 | 375.9 | 405.3 | 453.3 | 514.5 | 593.8 |
| 47.5° | 294.3 | 294.4 | 298.0 | 301.8 | 306.6 | 315.2 | 329.4 | 347.8 | 381.6 | 431.5 | 499.6 |
| 50° | 277.8 | 275.4 | 278.0 | 281.1 | 286.1 | 292.0 | 301.4 | 318.7 | 341.3 | 381.7 | 438.5 |
| 52.5° | 257.5 | 257.5 | 259.9 | 261.1 | 265.6 | 271.5 | 280.1 | 292.0 | 312.5 | 344.1 | 390.9 |
| 55° | 228.5 | 230.2 | 231.5 | 233.4 | 237.5 | 241.7 | 248.4 | 256.5 | 272.4 | 296.0 | 330.6 |
| 57.5° | 201.2 | 201.7 | 203.0 | 206.8 | 209.4 | 213.3 | 219.6 | 226.9 | 237.3 | 254.9 | 280.9 |
| 60° | 182.5 | 182.5 | 185.1 | 186.8 | 190.1 | 194.1 | 199.1 | 206.2 | 215.4 | 229.8 | 250.7 |
| 62.5° | 165.4 | 165.1 | 166.2 | 169.0 | 171.5 | 175.2 | 180.2 | 186.2 | 194.9 | 207.7 | 224.9 |
| 65° | 140.5 | 139.9 | 141.9 | 142.5 | 145.2 | 148.8 | 152.8 | 159.2 | 166.2 | 175.5 | 190.8 |
| 67.5° | 116.5 | 117.3 | 118.4 | 119.7 | 121.2 | 125.0 | 127.7 | 132.2 | 138.0 | 145.8 | 156.2 |
| 70° | 103.3 | 103.3 | 103.3 | 104.2 | 106.2 | 108.3 | 110.9 | 114.6 | 120.2 | 126.9 | 136.2 |
| 72.5° | 88.3 | 89.3 | 90.4 | 89.9 | 92.4 | 93.5 | 96.8 | 98.8 | 104.2 | 108.5 | 116.7 |
| 75° | 69.3 | 69.3 | 69.3 | 70.9 | 72.0 | 72.9 | 74.9 | 77.0 | 79.6 | 84.9 | 89.3 |
| 77.5° | 51.7 | 51.5 | 51.9 | 52.3 | 53.3 | 54.6 | 55.1 | 57.0 | 59.4 | 61.9 | 65.5 |
| 80° | 39.9 | 40.7 | 40.9 | 41.6 | 41.6 | 42.3 | 42.6 | 44.9 | 46.6 | 48.3 | 50.6 |
| 82.5° | 30.9 | 31.0 | 31.1 | 31.2 | 31.5 | 31.9 | 32.7 | 33.5 | 34.1 | 35.5 | 37.3 |
| 85° | 18.0 | 17.7 | 17.7 | 18.3 | 18.0 | 18.0 | 18.6 | 19.4 | 19.4 | 19.6 | 20.7 |
| 87.5° | 13.1 | 13.0 | 13.3 | 12.9 | 12.9 | 13.2 | 13.3 | 13.1 | 13.5 | 13.8 | 13.2 |
| 90° | 30.7 | 30.5 | 30.3 | 30.1 | 29.9 | 30.0 | 30.4 | 30.8 | 31.2 | 31.6 | 27.2 |
| 92.5° | 29.2 | 29.2 | 29.2 | 29.2 | 29.1 | 29.1 | 29.0 | 28.9 | 28.8 | 28.7 | 27.6 |
| 95° | 56.0 | 56.4 | 56.8 | 57.2 | 57.6 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.4 |
| 97.5° | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 96.4 |
| 100° | 123.8 | 123.9 | 124.1 | 124.3 | 124.6 | 124.7 | 124.7 | 124.7 | 124.7 | 124.7 | 124.0 |
| 102.5° | 154.1 | 154.3 | 154.4 | 154.7 | 154.9 | 154.9 | 154.7 | 154.6 | 154.4 | 154.3 | 153.5 |
| 105° | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.3 | 199.9 | 199.5 | 199.1 | 198.7 | 198.3 |
| 107.5° | 244.2 | 245.1 | 246.0 | 247.0 | 247.9 | 248.3 | 248.2 | 248.0 | 247.8 | 247.6 | 247.6 |
| 110° | 278.2 | 278.7 | 279.4 | 280.0 | 280.6 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 310.7 | 311.1 | 311.6 | 312.0 | 312.5 | 312.9 | 313.4 | 313.9 | 314.3 | 314.9 | 315.0 |
| 115° | 361.2 | 361.9 | 362.5 | 363.1 | 363.6 | 364.1 | 364.3 | 364.4 | 364.7 | 364.9 | 365.2 |
| 117.5° | 409.5 | 410.1 | 410.7 | 411.3 | 411.9 | 412.4 | 413.0 | 413.4 | 413.9 | 414.4 | 415.5 |
| 120° | 443.4 | 444.1 | 444.7 | 445.2 | 445.9 | 446.2 | 446.2 | 446.2 | 446.2 | 446.2 | 447.8 |
| 122.5° | 476.7 | 477.2 | 477.6 | 478.0 | 478.5 | 478.9 | 479.4 | 479.9 | 480.4 | 480.8 | 482.0 |
| 125° | 527.4 | 527.6 | 527.9 | 528.1 | 528.2 | 528.7 | 529.2 | 529.9 | 530.5 | 531.1 | 531.6 |
| 127.5° | 573.7 | 574.4 | 575.0 | 575.6 | 576.2 | 576.9 | 577.7 | 578.4 | 579.1 | 579.9 | 580.6 |
| 130° | 606.9 | 607.7 | 608.5 | 609.3 | 610.1 | 610.7 | 611.2 | 611.5 | 612.0 | 612.3 | 612.8 |
| 132.5° | 638.7 | 639.4 | 640.0 | 640.7 | 641.3 | 642.0 | 642.9 | 643.8 | 644.7 | 645.6 | 645.5 |
| 135° | 688.2 | 688.8 | 689.4 | 690.0 | 690.6 | 691.0 | 691.3 | 691.4 | 691.6 | 691.8 | 691.4 |
| 137.5° | 733.0 | 733.8 | 734.6 | 735.4 | 736.2 | 736.7 | 736.9 | 737.0 | 737.2 | 737.4 | 736.8 |
| 140° | 764.1 | 764.9 | 765.7 | 766.5 | 767.3 | 767.7 | 767.7 | 767.7 | 767.7 | 767.7 | 766.7 |
| 142.5° | 792.3 | 793.1 | 793.9 | 794.7 | 795.5 | 795.8 | 795.7 | 795.5 | 795.3 | 795.1 | 794.5 |
| 145° | 834.6 | 835.4 | 836.2 | 837.0 | 837.8 | 838.0 | 837.9 | 837.7 | 837.4 | 837.2 | 836.1 |
| 147.5° | 872.3 | 873.1 | 873.8 | 874.6 | 875.3 | 875.5 | 875.0 | 874.6 | 874.1 | 873.7 | 872.9 |
| 150° | 896.9 | 897.4 | 898.0 | 898.7 | 899.3 | 899.3 | 898.7 | 898.0 | 897.4 | 896.9 | 896.1 |
| 152.5° | 920.0 | 920.7 | 921.5 | 922.3 | 923.0 | 923.0 | 922.3 | 921.5 | 920.7 | 920.0 | 919.0 |
| 155° | 951.0 | 951.6 | 952.3 | 952.9 | 953.4 | 953.2 | 952.3 | 951.3 | 950.2 | 949.2 | 948.6 |
| 157.5° | 977.8 | 978.7 | 979.7 | 980.7 | 981.6 | 981.4 | 980.1 | 978.7 | 977.3 | 976.0 | 975.6 |
| 160° | 994.4 | 995.2 | 996.0 | 996.8 | 997.6 | 997.4 | 996.2 | 995.0 | 993.8 | 992.6 | 992.4 |
| 162.5° | 1008.9 | 1009.8 | 1010.8 | 1011.7 | 1012.7 | 1012.5 | 1011.1 | 1009.8 | 1008.4 | 1007.0 | 1006.8 |
| 165° | 1027.8 | 1028.9 | 1029.8 | 1030.8 | 1031.8 | 1031.6 | 1030.2 | 1028.9 | 1027.4 | 1026.0 | 1026.0 |
| 167.5° | 1043.4 | 1044.4 | 1045.4 | 1046.5 | 1047.5 | 1047.3 | 1046.0 | 1044.6 | 1043.1 | 1041.7 | 1041.8 |
| 170° | 1051.3 | 1052.5 | 1053.7 | 1054.9 | 1056.1 | 1056.1 | 1054.6 | 1053.2 | 1051.8 | 1050.4 | 1050.6 |
| 172.5° | 1057.8 | 1059.0 | 1060.2 | 1061.4 | 1062.7 | 1062.5 | 1061.1 | 1059.7 | 1058.3 | 1056.9 | 1057.1 |
| 175° | 1064.9 | 1066.0 | 1067.3 | 1068.4 | 1069.7 | 1069.5 | 1068.2 | 1066.8 | 1065.3 | 1063.9 | 1064.3 |
| 177.5° | 1068.1 | 1069.1 | 1070.1 | 1070.9 | 1071.9 | 1071.9 | 1070.9 | 1070.1 | 1069.1 | 1068.1 | 1068.4 |
| 180° | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 |
| 2.5° | 889.1 | 887.0 | 885.6 | 880.9 | 876.6 | 872.4 | 871.0 | 871.6 | 865.7 | 860.1 | 857.7 |
| 5° | 923.8 | 917.1 | 910.8 | 901.8 | 891.2 | 879.5 | 873.5 | 868.9 | 857.2 | 844.5 | 837.2 |
| 7.5° | 954.8 | 945.3 | 933.1 | 916.2 | 900.7 | 882.3 | 870.7 | 860.4 | 843.3 | 825.5 | 814.6 |
| 10° | 973.7 | 960.7 | 945.1 | 924.4 | 905.4 | 883.2 | 867.5 | 851.9 | 831.9 | 810.6 | 797.3 |
| 12.5° | 990.0 | 972.5 | 957.1 | 930.6 | 908.1 | 880.2 | 861.7 | 839.6 | 818.6 | 793.3 | 780.2 |
| 15° | 1028.7 | 996.4 | 967.1 | 937.1 | 909.5 | 870.5 | 849.9 | 820.2 | 792.6 | 761.3 | 746.3 |
| 17.5° | 1058.5 | 1022.3 | 976.2 | 938.1 | 905.8 | 862.6 | 832.3 | 796.8 | 764.1 | 728.3 | 708.0 |
| 20° | 1075.7 | 1034.0 | 984.4 | 939.1 | 900.4 | 851.2 | 818.2 | 781.9 | 743.6 | 703.3 | 681.4 |
| 22.5° | 1085.7 | 1042.1 | 992.9 | 935.1 | 889.8 | 841.9 | 800.4 | 760.6 | 721.8 | 678.3 | 655.2 |
| 25° | 1089.0 | 1049.0 | 997.0 | 931.7 | 876.5 | 822.2 | 772.2 | 733.6 | 686.7 | 646.0 | 612.4 |
| 27.5° | 1073.1 | 1044.5 | 994.5 | 925.5 | 861.1 | 797.6 | 742.0 | 698.2 | 648.6 | 604.6 | 570.7 |
| 30° | 1053.6 | 1037.0 | 988.4 | 919.1 | 848.8 | 780.6 | 719.3 | 669.7 | 620.5 | 575.8 | 541.2 |
| 32.5° | 1023.6 | 1019.9 | 977.2 | 910.1 | 835.8 | 759.0 | 695.6 | 645.4 | 590.8 | 547.0 | 514.0 |
| 35° | 964.4 | 980.4 | 953.4 | 889.8 | 811.2 | 728.3 | 659.7 | 602.4 | 545.8 | 503.8 | 472.9 |
| 37.5° | 885.2 | 924.9 | 917.8 | 860.1 | 778.0 | 694.9 | 619.1 | 559.3 | 505.3 | 463.0 | 432.6 |
| 40° | 830.5 | 881.2 | 888.5 | 837.5 | 754.7 | 669.1 | 588.8 | 529.1 | 476.5 | 437.9 | 407.2 |
| 42.5° | 772.0 | 831.1 | 851.2 | 810.4 | 729.1 | 641.9 | 561.6 | 499.9 | 447.8 | 410.2 | 383.1 |
| 45° | 673.7 | 752.0 | 788.3 | 764.9 | 686.3 | 597.1 | 514.5 | 451.9 | 404.7 | 369.3 | 348.3 |
| 47.5° | 581.8 | 667.4 | 716.2 | 707.9 | 638.8 | 550.5 | 468.9 | 408.8 | 362.7 | 334.6 | 315.8 |
| 50° | 516.8 | 604.8 | 663.7 | 666.4 | 604.8 | 517.2 | 435.2 | 378.6 | 336.4 | 310.0 | 294.7 |
| 52.5° | 460.4 | 544.3 | 608.6 | 622.7 | 566.7 | 482.5 | 405.1 | 348.8 | 311.6 | 287.4 | 273.7 |
| 55° | 386.6 | 457.5 | 528.9 | 554.8 | 509.9 | 429.9 | 358.3 | 308.7 | 273.8 | 257.1 | 245.1 |
| 57.5° | 321.5 | 380.6 | 446.4 | 475.1 | 447.4 | 379.0 | 311.8 | 268.8 | 240.4 | 225.8 | 216.6 |
| 60° | 287.0 | 333.7 | 392.3 | 426.6 | 402.6 | 341.7 | 283.0 | 242.1 | 218.8 | 205.8 | 197.2 |
| 62.5° | 255.1 | 296.4 | 345.9 | 377.3 | 364.3 | 306.7 | 254.3 | 218.1 | 198.0 | 185.8 | 179.6 |
| 65° | 210.4 | 243.1 | 281.4 | 310.4 | 301.8 | 258.1 | 215.2 | 184.1 | 168.2 | 158.5 | 153.6 |
| 67.5° | 173.3 | 196.9 | 223.5 | 248.8 | 241.8 | 210.9 | 176.5 | 152.3 | 140.4 | 132.1 | 129.1 |
| 70° | 149.9 | 167.8 | 191.5 | 211.8 | 206.2 | 180.8 | 153.6 | 132.9 | 122.5 | 115.6 | 112.5 |
| 72.5° | 127.5 | 142.2 | 160.3 | 176.9 | 173.1 | 152.0 | 129.3 | 113.7 | 105.8 | 99.3 | 96.8 |
| 75° | 96.2 | 107.5 | 118.6 | 129.6 | 128.6 | 112.3 | 98.9 | 86.9 | 80.6 | 75.6 | 74.6 |
| 77.5° | 71.1 | 77.4 | 84.9 | 91.4 | 89.6 | 80.3 | 69.8 | 63.0 | 58.3 | 54.9 | 54.4 |
| 80° | 54.3 | 58.0 | 63.3 | 67.9 | 65.6 | 61.6 | 53.3 | 48.3 | 44.9 | 41.6 | 40.3 |
| 82.5° | 39.3 | 43.1 | 46.2 | 48.8 | 47.0 | 43.2 | 38.1 | 34.7 | 32.7 | 30.4 | 29.9 |
| 85° | 20.7 | 22.6 | 24.0 | 24.6 | 24.0 | 21.7 | 19.4 | 18.0 | 16.3 | 15.3 | 15.0 |
| 87.5° | 12.6 | 11.7 | 10.8 | 10.6 | 9.4 | 8.8 | 7.3 | 6.1 | 6.2 | 6.5 | 6.4 |
| 90° | 22.7 | 18.4 | 13.9 | 10.5 | 8.1 | 5.7 | 3.3 | 0.9 | 3.3 | 5.7 | 8.1 |
| 92.5° | 26.7 | 25.6 | 24.5 | 23.2 | 21.4 | 19.6 | 17.8 | 16.1 | 17.8 | 19.6 | 21.4 |
| 95° | 57.0 | 56.6 | 56.2 | 55.0 | 53.0 | 51.0 | 49.0 | 47.0 | 49.0 | 51.0 | 53.0 |
| 97.5° | 95.7 | 94.9 | 94.2 | 92.8 | 91.1 | 89.3 | 87.6 | 85.8 | 87.6 | 89.3 | 91.1 |
| 100° | 123.4 | 122.8 | 122.3 | 121.1 | 119.5 | 117.9 | 116.3 | 114.7 | 116.3 | 117.9 | 119.5 |
| 102.5° | 152.8 | 151.9 | 151.2 | 150.2 | 148.9 | 147.6 | 146.3 | 145.1 | 146.3 | 147.6 | 148.9 |
| 105° | 197.9 | 197.5 | 197.1 | 196.6 | 196.0 | 195.4 | 194.7 | 194.2 | 194.7 | 195.4 | 196.0 |
| 107.5° | 247.6 | 247.6 | 247.6 | 247.2 | 246.3 | 245.4 | 244.6 | 243.7 | 244.6 | 245.4 | 246.3 |
| 110° | 280.9 | 280.9 | 280.9 | 280.3 | 279.1 | 277.9 | 276.7 | 275.4 | 276.7 | 277.9 | 279.1 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 315.1 | 315.3 | 315.5 | 315.0 | 313.8 | 312.5 | 311.4 | 310.1 | 311.4 | 312.5 | 313.8 |
| 115° | 365.7 | 366.0 | 366.5 | 366.0 | 364.9 | 363.6 | 362.5 | 361.2 | 362.5 | 363.6 | 364.9 |
| 117.5° | 416.6 | 417.8 | 418.8 | 418.7 | 417.1 | 415.4 | 413.8 | 412.2 | 413.8 | 415.4 | 417.1 |
| 120° | 449.4 | 451.0 | 452.6 | 452.6 | 451.0 | 449.4 | 447.8 | 446.2 | 447.8 | 449.4 | 451.0 |
| 122.5° | 483.1 | 484.2 | 485.4 | 484.9 | 483.0 | 481.1 | 479.2 | 477.2 | 479.2 | 481.1 | 483.0 |
| 125° | 532.3 | 532.9 | 533.5 | 532.9 | 531.1 | 529.2 | 527.4 | 525.7 | 527.4 | 529.2 | 531.1 |
| 127.5° | 581.3 | 582.0 | 582.7 | 581.9 | 579.7 | 577.4 | 575.1 | 572.8 | 575.1 | 577.4 | 579.7 |
| 130° | 613.1 | 613.6 | 613.9 | 612.9 | 610.3 | 607.6 | 605.0 | 602.4 | 605.0 | 607.6 | 610.3 |
| 132.5° | 645.4 | 645.3 | 645.2 | 644.2 | 642.0 | 639.9 | 637.8 | 635.6 | 637.8 | 639.9 | 642.0 |
| 135° | 691.0 | 690.6 | 690.2 | 688.9 | 686.7 | 684.5 | 682.3 | 680.1 | 682.3 | 684.5 | 686.7 |
| 137.5° | 736.3 | 735.8 | 735.3 | 734.1 | 732.3 | 730.5 | 728.7 | 726.8 | 728.7 | 730.5 | 732.3 |
| 140° | 765.7 | 764.7 | 763.7 | 762.2 | 760.5 | 758.7 | 756.9 | 755.0 | 756.9 | 758.7 | 760.5 |
| 142.5° | 793.8 | 793.1 | 792.5 | 791.2 | 789.3 | 787.6 | 785.8 | 784.0 | 785.8 | 787.6 | 789.3 |
| 145° | 834.8 | 833.7 | 832.4 | 831.2 | 829.7 | 828.3 | 826.9 | 825.5 | 826.9 | 828.3 | 829.7 |
| 147.5° | 872.1 | 871.3 | 870.5 | 869.2 | 867.5 | 865.9 | 864.2 | 862.6 | 864.2 | 865.9 | 867.5 |
| 150° | 895.3 | 894.5 | 893.7 | 892.6 | 891.4 | 890.2 | 889.0 | 887.8 | 889.0 | 890.2 | 891.4 |
| 152.5° | 918.0 | 917.1 | 916.1 | 915.1 | 913.8 | 912.7 | 911.4 | 910.3 | 911.4 | 912.7 | 913.8 |
| 155° | 948.1 | 947.4 | 946.8 | 946.2 | 945.7 | 945.0 | 944.4 | 943.8 | 944.4 | 945.0 | 945.7 |
| 157.5° | 975.3 | 974.9 | 974.6 | 974.1 | 973.7 | 973.3 | 972.9 | 972.5 | 972.9 | 973.3 | 973.7 |
| 160° | 992.2 | 992.0 | 991.8 | 991.5 | 991.0 | 990.7 | 990.2 | 989.9 | 990.2 | 990.7 | 991.0 |
| 162.5° | 1006.7 | 1006.5 | 1006.2 | 1006.1 | 1006.0 | 1005.9 | 1005.8 | 1005.8 | 1005.8 | 1005.9 | 1006.0 |
| 165° | 1026.0 | 1026.0 | 1026.0 | 1026.1 | 1026.3 | 1026.5 | 1026.7 | 1026.9 | 1026.7 | 1026.5 | 1026.3 |
| 167.5° | 1041.8 | 1041.9 | 1041.9 | 1042.2 | 1042.8 | 1043.4 | 1044.0 | 1044.6 | 1044.0 | 1043.4 | 1042.8 |
| 170° | 1050.8 | 1051.0 | 1051.2 | 1051.6 | 1052.2 | 1052.8 | 1053.4 | 1054.0 | 1053.4 | 1052.8 | 1052.2 |
| 172.5° | 1057.3 | 1057.5 | 1057.7 | 1058.1 | 1058.7 | 1059.3 | 1059.9 | 1060.5 | 1059.9 | 1059.3 | 1058.7 |
| 175° | 1064.7 | 1065.1 | 1065.5 | 1066.0 | 1066.7 | 1067.3 | 1067.8 | 1068.4 | 1067.8 | 1067.3 | 1066.7 |
| 177.5° | 1068.7 | 1069.1 | 1069.3 | 1069.8 | 1070.2 | 1070.8 | 1071.2 | 1071.7 | 1071.2 | 1070.8 | 1070.2 |
| 180° | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 |
| 2.5° | 855.1 | 853.5 | 847.8 | 844.9 | 840.2 | 835.6 | 832.7 | 834.0 | 835.1 | 834.6 | 833.7 |
| 5° | 830.5 | 824.2 | 814.6 | 806.2 | 800.2 | 789.3 | 784.6 | 782.3 | 780.2 | 777.9 | 775.6 |
| 7.5° | 801.4 | 791.4 | 777.6 | 765.7 | 754.5 | 740.8 | 733.1 | 728.3 | 723.5 | 718.3 | 713.6 |
| 10° | 780.6 | 766.6 | 752.0 | 735.3 | 722.0 | 709.6 | 698.7 | 691.3 | 684.7 | 678.3 | 673.7 |
| 12.5° | 758.8 | 742.6 | 724.5 | 701.8 | 687.1 | 669.4 | 667.8 | 654.9 | 644.4 | 640.5 | 635.1 |
| 15° | 724.0 | 701.3 | 678.3 | 651.4 | 639.7 | 623.8 | 613.8 | 603.8 | 594.8 | 588.4 | 586.7 |
| 17.5° | 684.5 | 655.1 | 632.3 | 613.0 | 593.9 | 577.5 | 568.3 | 560.3 | 552.9 | 544.4 | 543.3 |
| 20° | 654.3 | 629.1 | 604.1 | 587.1 | 567.5 | 550.8 | 539.5 | 531.5 | 525.1 | 520.1 | 515.9 |
| 22.5° | 625.9 | 598.2 | 575.3 | 556.7 | 537.3 | 523.9 | 515.0 | 507.3 | 502.0 | 496.5 | 492.4 |
| 25° | 580.1 | 558.5 | 533.5 | 512.6 | 496.5 | 487.9 | 480.5 | 473.9 | 470.6 | 466.9 | 462.3 |
| 27.5° | 540.1 | 516.0 | 492.7 | 476.4 | 462.4 | 454.7 | 449.5 | 445.0 | 441.8 | 439.7 | 437.0 |
| 30° | 511.8 | 487.5 | 469.2 | 453.3 | 441.6 | 433.9 | 430.6 | 427.9 | 424.3 | 422.9 | 421.6 |
| 32.5° | 484.6 | 462.8 | 447.1 | 433.3 | 422.1 | 417.1 | 414.1 | 411.7 | 408.8 | 407.5 | 404.8 |
| 35° | 446.2 | 427.9 | 412.6 | 404.9 | 395.9 | 391.6 | 389.3 | 385.9 | 383.3 | 382.0 | 381.7 |
| 37.5° | 410.1 | 394.1 | 384.1 | 374.3 | 370.4 | 367.7 | 364.6 | 362.3 | 361.5 | 361.3 | 361.0 |
| 40° | 386.6 | 373.6 | 364.6 | 356.7 | 355.0 | 351.0 | 348.3 | 346.3 | 346.3 | 346.7 | 346.3 |
| 42.5° | 365.3 | 353.7 | 345.7 | 338.9 | 336.9 | 334.5 | 331.8 | 331.7 | 332.3 | 333.3 | 332.3 |
| 45° | 333.1 | 324.7 | 319.1 | 315.7 | 312.0 | 309.7 | 309.3 | 310.4 | 310.7 | 311.0 | 312.0 |
| 47.5° | 303.3 | 297.7 | 292.7 | 289.0 | 287.4 | 287.0 | 286.6 | 288.3 | 289.9 | 290.5 | 292.0 |
| 50° | 285.7 | 279.4 | 275.1 | 272.8 | 271.4 | 270.7 | 271.4 | 273.4 | 274.7 | 276.4 | 277.4 |
| 52.5° | 266.0 | 261.5 | 258.6 | 256.7 | 256.2 | 256.6 | 256.7 | 259.0 | 261.2 | 261.7 | 262.3 |
| 55° | 238.8 | 235.4 | 234.8 | 231.8 | 233.1 | 232.7 | 234.4 | 235.8 | 237.7 | 239.8 | 240.1 |
| 57.5° | 211.6 | 208.9 | 207.1 | 207.4 | 207.8 | 209.3 | 210.6 | 213.0 | 215.2 | 217.2 | 217.5 |
| 60° | 193.5 | 192.2 | 191.2 | 191.2 | 191.8 | 193.9 | 195.5 | 197.8 | 199.1 | 200.5 | 201.4 |
| 62.5° | 177.0 | 175.7 | 174.6 | 175.1 | 176.9 | 178.1 | 180.0 | 181.3 | 182.6 | 184.0 | 184.4 |
| 65° | 150.9 | 150.2 | 151.2 | 151.9 | 152.2 | 153.8 | 156.2 | 157.2 | 158.5 | 159.2 | 161.5 |
| 67.5° | 126.8 | 127.0 | 126.8 | 127.8 | 129.7 | 130.1 | 132.2 | 134.6 | 134.9 | 136.2 | 137.7 |
| 70° | 110.6 | 111.2 | 111.9 | 112.5 | 114.2 | 114.9 | 116.5 | 117.5 | 118.9 | 119.8 | 120.9 |
| 72.5° | 95.7 | 95.8 | 96.5 | 96.3 | 97.7 | 99.2 | 100.6 | 101.6 | 102.9 | 104.2 | 105.1 |
| 75° | 73.6 | 73.6 | 74.3 | 74.6 | 76.2 | 77.9 | 77.6 | 78.3 | 79.6 | 81.0 | 81.6 |
| 77.5° | 53.8 | 53.1 | 53.8 | 54.0 | 54.6 | 56.0 | 56.3 | 57.2 | 58.8 | 58.3 | 59.0 |
| 80° | 40.9 | 39.9 | 40.9 | 41.3 | 41.3 | 43.0 | 43.0 | 43.6 | 44.6 | 43.6 | 44.6 |
| 82.5° | 29.2 | 28.8 | 29.5 | 29.6 | 30.1 | 30.1 | 30.7 | 30.9 | 31.8 | 31.4 | 31.8 |
| 85° | 14.6 | 14.4 | 14.6 | 14.4 | 14.6 | 15.0 | 15.0 | 14.6 | 14.6 | 15.3 | 14.4 |
| 87.5° | 6.6 | 7.0 | 7.7 | 8.6 | 9.2 | 9.8 | 9.5 | 9.4 | 9.3 | 8.6 | 8.6 |
| 90° | 10.5 | 13.9 | 18.4 | 22.7 | 27.2 | 31.6 | 31.2 | 30.8 | 30.4 | 30.0 | 29.9 |
| 92.5° | 23.2 | 24.5 | 25.6 | 26.7 | 27.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.1 |
| 95° | 55.0 | 56.2 | 56.6 | 57.0 | 57.4 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.6 |
| 97.5° | 92.8 | 94.2 | 94.9 | 95.7 | 96.4 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 100° | 121.1 | 122.3 | 122.8 | 123.4 | 124.0 | 124.7 | 124.7 | 124.7 | 124.7 | 124.7 | 124.6 |
| 102.5° | 150.2 | 151.2 | 151.9 | 152.8 | 153.5 | 154.3 | 154.4 | 154.6 | 154.7 | 154.9 | 154.9 |
| 105° | 196.6 | 197.1 | 197.5 | 197.9 | 198.3 | 198.7 | 199.1 | 199.5 | 199.9 | 200.3 | 200.5 |
| 107.5° | 247.2 | 247.6 | 247.6 | 247.6 | 247.6 | 247.6 | 247.8 | 248.0 | 248.2 | 248.3 | 247.9 |
| 110° | 280.3 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 280.6 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 315.0 | 315.5 | 315.3 | 315.1 | 315.0 | 314.9 | 314.3 | 313.9 | 313.4 | 312.9 | 312.5 |
| 115° | 366.0 | 366.5 | 366.0 | 365.7 | 365.2 | 364.9 | 364.7 | 364.4 | 364.3 | 364.1 | 363.6 |
| 117.5° | 418.7 | 418.8 | 417.8 | 416.6 | 415.5 | 414.4 | 413.9 | 413.4 | 413.0 | 412.4 | 411.9 |
| 120° | 452.6 | 452.6 | 451.0 | 449.4 | 447.8 | 446.2 | 446.2 | 446.2 | 446.2 | 446.2 | 445.9 |
| 122.5° | 484.9 | 485.4 | 484.2 | 483.1 | 482.0 | 480.8 | 480.4 | 479.9 | 479.4 | 478.9 | 478.5 |
| 125° | 532.9 | 533.5 | 532.9 | 532.3 | 531.6 | 531.1 | 530.5 | 529.9 | 529.2 | 528.7 | 528.2 |
| 127.5° | 581.9 | 582.7 | 582.0 | 581.3 | 580.6 | 579.9 | 579.1 | 578.4 | 577.7 | 576.9 | 576.2 |
| 130° | 612.9 | 613.9 | 613.6 | 613.1 | 612.8 | 612.3 | 612.0 | 611.5 | 611.2 | 610.7 | 610.1 |
| 132.5° | 644.2 | 645.2 | 645.3 | 645.4 | 645.5 | 645.6 | 644.7 | 643.8 | 642.9 | 642.0 | 641.3 |
| 135° | 688.9 | 690.2 | 690.6 | 691.0 | 691.4 | 691.8 | 691.6 | 691.4 | 691.3 | 691.0 | 690.6 |
| 137.5° | 734.1 | 735.3 | 735.8 | 736.3 | 736.8 | 737.4 | 737.2 | 737.0 | 736.9 | 736.7 | 736.2 |
| 140° | 762.2 | 763.7 | 764.7 | 765.7 | 766.7 | 767.7 | 767.7 | 767.7 | 767.7 | 767.7 | 767.3 |
| 142.5° | 791.2 | 792.5 | 793.1 | 793.8 | 794.5 | 795.1 | 795.3 | 795.5 | 795.7 | 795.8 | 795.5 |
| 145° | 831.2 | 832.4 | 833.7 | 834.8 | 836.1 | 837.2 | 837.4 | 837.7 | 837.9 | 838.0 | 837.8 |
| 147.5° | 869.2 | 870.5 | 871.3 | 872.1 | 872.9 | 873.7 | 874.1 | 874.6 | 875.0 | 875.5 | 875.3 |
| 150° | 892.6 | 893.7 | 894.5 | 895.3 | 896.1 | 896.9 | 897.4 | 898.0 | 898.7 | 899.3 | 899.3 |
| 152.5° | 915.1 | 916.1 | 917.1 | 918.0 | 919.0 | 920.0 | 920.7 | 921.5 | 922.3 | 923.0 | 923.0 |
| 155° | 946.2 | 946.8 | 947.4 | 948.1 | 948.6 | 949.2 | 950.2 | 951.3 | 952.3 | 953.2 | 953.4 |
| 157.5° | 974.1 | 974.6 | 974.9 | 975.3 | 975.6 | 976.0 | 977.3 | 978.7 | 980.1 | 981.4 | 981.6 |
| 160° | 991.5 | 991.8 | 992.0 | 992.2 | 992.4 | 992.6 | 993.8 | 995.0 | 996.2 | 997.4 | 997.6 |
| 162.5° | 1006.1 | 1006.2 | 1006.5 | 1006.7 | 1006.8 | 1007.0 | 1008.4 | 1009.8 | 1011.1 | 1012.5 | 1012.7 |
| 165° | 1026.1 | 1026.0 | 1026.0 | 1026.0 | 1026.0 | 1026.0 | 1027.4 | 1028.9 | 1030.2 | 1031.6 | 1031.8 |
| 167.5° | 1042.2 | 1041.9 | 1041.9 | 1041.8 | 1041.8 | 1041.7 | 1043.1 | 1044.6 | 1046.0 | 1047.3 | 1047.5 |
| 170° | 1051.6 | 1051.2 | 1051.0 | 1050.8 | 1050.6 | 1050.4 | 1051.8 | 1053.2 | 1054.6 | 1056.1 | 1056.1 |
| 172.5° | 1058.1 | 1057.7 | 1057.5 | 1057.3 | 1057.1 | 1056.9 | 1058.3 | 1059.7 | 1061.1 | 1062.5 | 1062.7 |
| 175° | 1066.0 | 1065.5 | 1065.1 | 1064.7 | 1064.3 | 1063.9 | 1065.3 | 1066.8 | 1068.2 | 1069.5 | 1069.7 |
| 177.5° | 1069.8 | 1069.3 | 1069.1 | 1068.7 | 1068.4 | 1068.1 | 1069.1 | 1070.1 | 1070.9 | 1071.9 | 1071.9 |
| 180° | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 |
| 2.5° | 831.1 | 830.5 | 830.5 | 828.1 | 830.5 | 830.5 | 831.1 | 833.7 | 834.6 | 835.1 | 834.0 |
| 5° | 771.0 | 769.9 | 768.3 | 769.9 | 768.3 | 769.9 | 771.0 | 775.6 | 777.9 | 780.2 | 782.3 |
| 7.5° | 711.5 | 707.5 | 706.9 | 702.9 | 706.9 | 707.5 | 711.5 | 713.6 | 718.3 | 723.5 | 728.3 |
| 10° | 668.1 | 665.4 | 665.0 | 658.7 | 665.0 | 665.4 | 668.1 | 673.7 | 678.3 | 684.7 | 691.3 |
| 12.5° | 635.0 | 628.6 | 629.9 | 626.2 | 629.9 | 628.6 | 635.0 | 635.1 | 640.5 | 644.4 | 654.9 |
| 15° | 577.7 | 577.7 | 576.5 | 570.8 | 576.5 | 577.7 | 577.7 | 586.7 | 588.4 | 594.8 | 603.8 |
| 17.5° | 536.7 | 536.0 | 532.8 | 534.4 | 532.8 | 536.0 | 536.7 | 543.3 | 544.4 | 552.9 | 560.3 |
| 20° | 512.2 | 510.1 | 506.2 | 506.2 | 506.2 | 510.1 | 512.2 | 515.9 | 520.1 | 525.1 | 531.5 |
| 22.5° | 489.0 | 488.8 | 484.6 | 486.0 | 484.6 | 488.8 | 489.0 | 492.4 | 496.5 | 502.0 | 507.3 |
| 25° | 461.9 | 459.2 | 457.3 | 458.3 | 457.3 | 459.2 | 461.9 | 462.3 | 466.9 | 470.6 | 473.9 |
| 27.5° | 436.2 | 434.7 | 434.6 | 431.9 | 434.6 | 434.7 | 436.2 | 437.0 | 439.7 | 441.8 | 445.0 |
| 30° | 421.2 | 417.9 | 418.6 | 417.0 | 418.6 | 417.9 | 421.2 | 421.6 | 422.9 | 424.3 | 427.9 |
| 32.5° | 404.2 | 403.1 | 402.3 | 400.9 | 402.3 | 403.1 | 404.2 | 404.8 | 407.5 | 408.8 | 411.7 |
| 35° | 380.9 | 381.3 | 379.6 | 380.3 | 379.6 | 381.3 | 380.9 | 381.7 | 382.0 | 383.3 | 385.9 |
| 37.5° | 360.7 | 361.8 | 361.0 | 361.1 | 361.0 | 361.8 | 360.7 | 361.0 | 361.3 | 361.5 | 362.3 |
| 40° | 347.3 | 347.3 | 347.3 | 348.3 | 347.3 | 347.3 | 347.3 | 346.3 | 346.7 | 346.3 | 346.3 |
| 42.5° | 334.6 | 334.0 | 333.5 | 333.4 | 333.5 | 334.0 | 334.6 | 332.3 | 333.3 | 332.3 | 331.7 |
| 45° | 312.7 | 313.7 | 314.1 | 312.4 | 314.1 | 313.7 | 312.7 | 312.0 | 311.0 | 310.7 | 310.4 |
| 47.5° | 292.9 | 293.0 | 292.9 | 294.4 | 292.9 | 293.0 | 292.9 | 292.0 | 290.5 | 289.9 | 288.3 |
| 50° | 279.1 | 278.4 | 279.1 | 278.4 | 279.1 | 278.4 | 279.1 | 277.4 | 276.4 | 274.7 | 273.4 |
| 52.5° | 264.4 | 264.6 | 264.1 | 264.0 | 264.1 | 264.6 | 264.4 | 262.3 | 261.7 | 261.2 | 259.0 |
| 55° | 241.5 | 242.1 | 241.7 | 241.7 | 241.7 | 242.1 | 241.5 | 240.1 | 239.8 | 237.7 | 235.8 |
| 57.5° | 217.7 | 218.3 | 218.7 | 217.2 | 218.7 | 218.3 | 217.7 | 217.5 | 217.2 | 215.2 | 213.0 |
| 60° | 201.2 | 202.8 | 202.5 | 201.8 | 202.5 | 202.8 | 201.2 | 201.4 | 200.5 | 199.1 | 197.8 |
| 62.5° | 185.9 | 186.5 | 186.5 | 186.4 | 186.5 | 186.5 | 185.9 | 184.4 | 184.0 | 182.6 | 181.3 |
| 65° | 162.5 | 163.2 | 162.2 | 163.2 | 162.2 | 163.2 | 162.5 | 161.5 | 159.2 | 158.5 | 157.2 |
| 67.5° | 137.2 | 137.5 | 138.2 | 138.7 | 138.2 | 137.5 | 137.2 | 137.7 | 136.2 | 134.9 | 134.6 |
| 70° | 121.5 | 121.2 | 122.3 | 123.2 | 122.3 | 121.2 | 121.5 | 120.9 | 119.8 | 118.9 | 117.5 |
| 72.5° | 105.0 | 105.8 | 105.4 | 106.2 | 105.4 | 105.8 | 105.0 | 105.1 | 104.2 | 102.9 | 101.6 |
| 75° | 81.0 | 81.9 | 81.6 | 82.6 | 81.6 | 81.9 | 81.0 | 81.6 | 81.0 | 79.6 | 78.3 |
| 77.5° | 58.5 | 58.6 | 58.5 | 59.0 | 58.5 | 58.6 | 58.5 | 59.0 | 58.3 | 58.8 | 57.2 |
| 80° | 44.6 | 44.0 | 43.2 | 44.6 | 43.2 | 44.0 | 44.6 | 44.6 | 43.6 | 44.6 | 43.6 |
| 82.5° | 31.0 | 31.5 | 30.8 | 30.8 | 30.8 | 31.5 | 31.0 | 31.8 | 31.4 | 31.8 | 30.9 |
| 85° | 14.4 | 14.0 | 13.3 | 13.3 | 13.3 | 14.0 | 14.4 | 14.4 | 15.3 | 14.6 | 14.6 |
| 87.5° | 8.6 | 8.5 | 8.5 | 8.3 | 8.5 | 8.5 | 8.6 | 8.6 | 8.6 | 9.3 | 9.4 |
| 90° | 30.1 | 30.3 | 30.5 | 30.7 | 30.5 | 30.3 | 30.1 | 29.9 | 30.0 | 30.4 | 30.8 |
| 92.5° | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.1 | 29.1 | 29.0 | 28.9 |
| 95° | 57.2 | 56.8 | 56.4 | 56.0 | 56.4 | 56.8 | 57.2 | 57.6 | 57.8 | 57.8 | 57.8 |
| 97.5° | 97.1 | 97.1 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 |
| 100° | 124.3 | 124.1 | 123.9 | 123.8 | 123.9 | 124.1 | 124.3 | 124.6 | 124.7 | 124.7 | 124.7 |
| 102.5° | 154.7 | 154.4 | 154.3 | 154.1 | 154.3 | 154.4 | 154.7 | 154.9 | 154.9 | 154.7 | 154.6 |
| 105° | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 | 200.3 | 199.9 | 199.5 |
| 107.5° | 247.0 | 246.0 | 245.1 | 244.2 | 245.1 | 246.0 | 247.0 | 247.9 | 248.3 | 248.2 | 248.0 |
| 110° | 280.0 | 279.4 | 278.7 | 278.2 | 278.7 | 279.4 | 280.0 | 280.6 | 280.9 | 280.9 | 280.9 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 312.0 | 311.6 | 311.1 | 310.7 | 311.1 | 311.6 | 312.0 | 312.5 | 312.9 | 313.4 | 313.9 |
| 115° | 363.1 | 362.5 | 361.9 | 361.2 | 361.9 | 362.5 | 363.1 | 363.6 | 364.1 | 364.3 | 364.4 |
| 117.5° | 411.3 | 410.7 | 410.1 | 409.5 | 410.1 | 410.7 | 411.3 | 411.9 | 412.4 | 413.0 | 413.4 |
| 120° | 445.2 | 444.7 | 444.1 | 443.4 | 444.1 | 444.7 | 445.2 | 445.9 | 446.2 | 446.2 | 446.2 |
| 122.5° | 478.0 | 477.6 | 477.2 | 476.7 | 477.2 | 477.6 | 478.0 | 478.5 | 478.9 | 479.4 | 479.9 |
| 125° | 528.1 | 527.9 | 527.6 | 527.4 | 527.6 | 527.9 | 528.1 | 528.2 | 528.7 | 529.2 | 529.9 |
| 127.5° | 575.6 | 575.0 | 574.4 | 573.7 | 574.4 | 575.0 | 575.6 | 576.2 | 576.9 | 577.7 | 578.4 |
| 130° | 609.3 | 608.5 | 607.7 | 606.9 | 607.7 | 608.5 | 609.3 | 610.1 | 610.7 | 611.2 | 611.5 |
| 132.5° | 640.7 | 640.0 | 639.4 | 638.7 | 639.4 | 640.0 | 640.7 | 641.3 | 642.0 | 642.9 | 643.8 |
| 135° | 690.0 | 689.4 | 688.8 | 688.2 | 688.8 | 689.4 | 690.0 | 690.6 | 691.0 | 691.3 | 691.4 |
| 137.5° | 735.4 | 734.6 | 733.8 | 733.0 | 733.8 | 734.6 | 735.4 | 736.2 | 736.7 | 736.9 | 737.0 |
| 140° | 766.5 | 765.7 | 764.9 | 764.1 | 764.9 | 765.7 | 766.5 | 767.3 | 767.7 | 767.7 | 767.7 |
| 142.5° | 794.7 | 793.9 | 793.1 | 792.3 | 793.1 | 793.9 | 794.7 | 795.5 | 795.8 | 795.7 | 795.5 |
| 145° | 837.0 | 836.2 | 835.4 | 834.6 | 835.4 | 836.2 | 837.0 | 837.8 | 838.0 | 837.9 | 837.7 |
| 147.5° | 874.6 | 873.8 | 873.1 | 872.3 | 873.1 | 873.8 | 874.6 | 875.3 | 875.5 | 875.0 | 874.6 |
| 150° | 898.7 | 898.0 | 897.4 | 896.9 | 897.4 | 898.0 | 898.7 | 899.3 | 899.3 | 898.7 | 898.0 |
| 152.5° | 922.3 | 921.5 | 920.7 | 920.0 | 920.7 | 921.5 | 922.3 | 923.0 | 923.0 | 922.3 | 921.5 |
| 155° | 952.9 | 952.3 | 951.6 | 951.0 | 951.6 | 952.3 | 952.9 | 953.4 | 953.2 | 952.3 | 951.3 |
| 157.5° | 980.7 | 979.7 | 978.7 | 977.8 | 978.7 | 979.7 | 980.7 | 981.6 | 981.4 | 980.1 | 978.7 |
| 160° | 996.8 | 996.0 | 995.2 | 994.4 | 995.2 | 996.0 | 996.8 | 997.6 | 997.4 | 996.2 | 995.0 |
| 162.5° | 1011.7 | 1010.8 | 1009.8 | 1008.9 | 1009.8 | 1010.8 | 1011.7 | 1012.7 | 1012.5 | 1011.1 | 1009.8 |
| 165° | 1030.8 | 1029.8 | 1028.9 | 1027.8 | 1028.9 | 1029.8 | 1030.8 | 1031.8 | 1031.6 | 1030.2 | 1028.9 |
| 167.5° | 1046.5 | 1045.4 | 1044.4 | 1043.4 | 1044.4 | 1045.4 | 1046.5 | 1047.5 | 1047.3 | 1046.0 | 1044.6 |
| 170° | 1054.9 | 1053.7 | 1052.5 | 1051.3 | 1052.5 | 1053.7 | 1054.9 | 1056.1 | 1056.1 | 1054.6 | 1053.2 |
| 172.5° | 1061.4 | 1060.2 | 1059.0 | 1057.8 | 1059.0 | 1060.2 | 1061.4 | 1062.7 | 1062.5 | 1061.1 | 1059.7 |
| 175° | 1068.4 | 1067.3 | 1066.0 | 1064.9 | 1066.0 | 1067.3 | 1068.4 | 1069.7 | 1069.5 | 1068.2 | 1066.8 |
| 177.5° | 1070.9 | 1070.1 | 1069.1 | 1068.1 | 1069.1 | 1070.1 | 1070.9 | 1071.9 | 1071.9 | 1070.9 | 1070.1 |
| 180° | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 |
| 2.5° | 832.7 | 835.6 | 840.2 | 844.9 | 847.8 | 853.5 | 855.1 | 857.7 | 860.1 | 865.7 | 871.6 |
| 5° | 784.6 | 789.3 | 800.2 | 806.2 | 814.6 | 824.2 | 830.5 | 837.2 | 844.5 | 857.2 | 868.9 |
| 7.5° | 733.1 | 740.8 | 754.5 | 765.7 | 777.6 | 791.4 | 801.4 | 814.6 | 825.5 | 843.3 | 860.4 |
| 10° | 698.7 | 709.6 | 722.0 | 735.3 | 752.0 | 766.6 | 780.6 | 797.3 | 810.6 | 831.9 | 851.9 |
| 12.5° | 667.8 | 669.4 | 687.1 | 701.8 | 724.5 | 742.6 | 758.8 | 780.2 | 793.3 | 818.6 | 839.6 |
| 15° | 613.8 | 623.8 | 639.7 | 651.4 | 678.3 | 701.3 | 724.0 | 746.3 | 761.3 | 792.6 | 820.2 |
| 17.5° | 568.3 | 577.5 | 593.9 | 613.0 | 632.3 | 655.1 | 684.5 | 708.0 | 728.3 | 764.1 | 796.8 |
| 20° | 539.5 | 550.8 | 567.5 | 587.1 | 604.1 | 629.1 | 654.3 | 681.4 | 703.3 | 743.6 | 781.9 |
| 22.5° | 515.0 | 523.9 | 537.3 | 556.7 | 575.3 | 598.2 | 625.9 | 655.2 | 678.3 | 721.8 | 760.6 |
| 25° | 480.5 | 487.9 | 496.5 | 512.6 | 533.5 | 558.5 | 580.1 | 612.4 | 646.0 | 686.7 | 733.6 |
| 27.5° | 449.5 | 454.7 | 462.4 | 476.4 | 492.7 | 516.0 | 540.1 | 570.7 | 604.6 | 648.6 | 698.2 |
| 30° | 430.6 | 433.9 | 441.6 | 453.3 | 469.2 | 487.5 | 511.8 | 541.2 | 575.8 | 620.5 | 669.7 |
| 32.5° | 414.1 | 417.1 | 422.1 | 433.3 | 447.1 | 462.8 | 484.6 | 514.0 | 547.0 | 590.8 | 645.4 |
| 35° | 389.3 | 391.6 | 395.9 | 404.9 | 412.6 | 427.9 | 446.2 | 472.9 | 503.8 | 545.8 | 602.4 |
| 37.5° | 364.6 | 367.7 | 370.4 | 374.3 | 384.1 | 394.1 | 410.1 | 432.6 | 463.0 | 505.3 | 559.3 |
| 40° | 348.3 | 351.0 | 355.0 | 356.7 | 364.6 | 373.6 | 386.6 | 407.2 | 437.9 | 476.5 | 529.1 |
| 42.5° | 331.8 | 334.5 | 336.9 | 338.9 | 345.7 | 353.7 | 365.3 | 383.1 | 410.2 | 447.8 | 499.9 |
| 45° | 309.3 | 309.7 | 312.0 | 315.7 | 319.1 | 324.7 | 333.1 | 348.3 | 369.3 | 404.7 | 451.9 |
| 47.5° | 286.6 | 287.0 | 287.4 | 289.0 | 292.7 | 297.7 | 303.3 | 315.8 | 334.6 | 362.7 | 408.8 |
| 50° | 271.4 | 270.7 | 271.4 | 272.8 | 275.1 | 279.4 | 285.7 | 294.7 | 310.0 | 336.4 | 378.6 |
| 52.5° | 256.7 | 256.6 | 256.2 | 256.7 | 258.6 | 261.5 | 266.0 | 273.7 | 287.4 | 311.6 | 348.8 |
| 55° | 234.4 | 232.7 | 233.1 | 231.8 | 234.8 | 235.4 | 238.8 | 245.1 | 257.1 | 273.8 | 308.7 |
| 57.5° | 210.6 | 209.3 | 207.8 | 207.4 | 207.1 | 208.9 | 211.6 | 216.6 | 225.8 | 240.4 | 268.8 |
| 60° | 195.5 | 193.9 | 191.8 | 191.2 | 191.2 | 192.2 | 193.5 | 197.2 | 205.8 | 218.8 | 242.1 |
| 62.5° | 180.0 | 178.1 | 176.9 | 175.1 | 174.6 | 175.7 | 177.0 | 179.6 | 185.8 | 198.0 | 218.1 |
| 65° | 156.2 | 153.8 | 152.2 | 151.9 | 151.2 | 150.2 | 150.9 | 153.6 | 158.5 | 168.2 | 184.1 |
| 67.5° | 132.2 | 130.1 | 129.7 | 127.8 | 126.8 | 127.0 | 126.8 | 129.1 | 132.1 | 140.4 | 152.3 |
| 70° | 116.5 | 114.9 | 114.2 | 112.5 | 111.9 | 111.2 | 110.6 | 112.5 | 115.6 | 122.5 | 132.9 |
| 72.5° | 100.6 | 99.2 | 97.7 | 96.3 | 96.5 | 95.8 | 95.7 | 96.8 | 99.3 | 105.8 | 113.7 |
| 75° | 77.6 | 77.9 | 76.2 | 74.6 | 74.3 | 73.6 | 73.6 | 74.6 | 75.6 | 80.6 | 86.9 |
| 77.5° | 56.3 | 56.0 | 54.6 | 54.0 | 53.8 | 53.1 | 53.8 | 54.4 | 54.9 | 58.3 | 63.0 |
| 80° | 43.0 | 43.0 | 41.3 | 41.3 | 40.9 | 39.9 | 40.9 | 40.3 | 41.6 | 44.9 | 48.3 |
| 82.5° | 30.7 | 30.1 | 30.1 | 29.6 | 29.5 | 28.8 | 29.2 | 29.9 | 30.4 | 32.7 | 34.7 |
| 85° | 15.0 | 15.0 | 14.6 | 14.4 | 14.6 | 14.4 | 14.6 | 15.0 | 15.3 | 16.3 | 18.0 |
| 87.5° | 9.5 | 9.8 | 9.2 | 8.6 | 7.7 | 7.0 | 6.6 | 6.4 | 6.5 | 6.2 | 6.1 |
| 90° | 31.2 | 31.6 | 27.2 | 22.7 | 18.4 | 13.9 | 10.5 | 8.1 | 5.7 | 3.3 | 0.9 |
| 92.5° | 28.8 | 28.7 | 27.6 | 26.7 | 25.6 | 24.5 | 23.2 | 21.4 | 19.6 | 17.8 | 16.1 |
| 95° | 57.8 | 57.8 | 57.4 | 57.0 | 56.6 | 56.2 | 55.0 | 53.0 | 51.0 | 49.0 | 47.0 |
| 97.5° | 97.2 | 97.2 | 96.4 | 95.7 | 94.9 | 94.2 | 92.8 | 91.1 | 89.3 | 87.6 | 85.8 |
| 100° | 124.7 | 124.7 | 124.0 | 123.4 | 122.8 | 122.3 | 121.1 | 119.5 | 117.9 | 116.3 | 114.7 |
| 102.5° | 154.4 | 154.3 | 153.5 | 152.8 | 151.9 | 151.2 | 150.2 | 148.9 | 147.6 | 146.3 | 145.1 |
| 105° | 199.1 | 198.7 | 198.3 | 197.9 | 197.5 | 197.1 | 196.6 | 196.0 | 195.4 | 194.7 | 194.2 |
| 107.5° | 247.8 | 247.6 | 247.6 | 247.6 | 247.6 | 247.6 | 247.2 | 246.3 | 245.4 | 244.6 | 243.7 |
| 110° | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 280.3 | 279.1 | 277.9 | 276.7 | 275.4 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 314.3 | 314.9 | 315.0 | 315.1 | 315.3 | 315.5 | 315.0 | 313.8 | 312.5 | 311.4 | 310.1 |
| 115° | 364.7 | 364.9 | 365.2 | 365.7 | 366.0 | 366.5 | 366.0 | 364.9 | 363.6 | 362.5 | 361.2 |
| 117.5° | 413.9 | 414.4 | 415.5 | 416.6 | 417.8 | 418.8 | 418.7 | 417.1 | 415.4 | 413.8 | 412.2 |
| 120° | 446.2 | 446.2 | 447.8 | 449.4 | 451.0 | 452.6 | 452.6 | 451.0 | 449.4 | 447.8 | 446.2 |
| 122.5° | 480.4 | 480.8 | 482.0 | 483.1 | 484.2 | 485.4 | 484.9 | 483.0 | 481.1 | 479.2 | 477.2 |
| 125° | 530.5 | 531.1 | 531.6 | 532.3 | 532.9 | 533.5 | 532.9 | 531.1 | 529.2 | 527.4 | 525.7 |
| 127.5° | 579.1 | 579.9 | 580.6 | 581.3 | 582.0 | 582.7 | 581.9 | 579.7 | 577.4 | 575.1 | 572.8 |
| 130° | 612.0 | 612.3 | 612.8 | 613.1 | 613.6 | 613.9 | 612.9 | 610.3 | 607.6 | 605.0 | 602.4 |
| 132.5° | 644.7 | 645.6 | 645.5 | 645.4 | 645.3 | 645.2 | 644.2 | 642.0 | 639.9 | 637.8 | 635.6 |
| 135° | 691.6 | 691.8 | 691.4 | 691.0 | 690.6 | 690.2 | 688.9 | 686.7 | 684.5 | 682.3 | 680.1 |
| 137.5° | 737.2 | 737.4 | 736.8 | 736.3 | 735.8 | 735.3 | 734.1 | 732.3 | 730.5 | 728.7 | 726.8 |
| 140° | 767.7 | 767.7 | 766.7 | 765.7 | 764.7 | 763.7 | 762.2 | 760.5 | 758.7 | 756.9 | 755.0 |
| 142.5° | 795.3 | 795.1 | 794.5 | 793.8 | 793.1 | 792.5 | 791.2 | 789.3 | 787.6 | 785.8 | 784.0 |
| 145° | 837.4 | 837.2 | 836.1 | 834.8 | 833.7 | 832.4 | 831.2 | 829.7 | 828.3 | 826.9 | 825.5 |
| 147.5° | 874.1 | 873.7 | 872.9 | 872.1 | 871.3 | 870.5 | 869.2 | 867.5 | 865.9 | 864.2 | 862.6 |
| 150° | 897.4 | 896.9 | 896.1 | 895.3 | 894.5 | 893.7 | 892.6 | 891.4 | 890.2 | 889.0 | 887.8 |
| 152.5° | 920.7 | 920.0 | 919.0 | 918.0 | 917.1 | 916.1 | 915.1 | 913.8 | 912.7 | 911.4 | 910.3 |
| 155° | 950.2 | 949.2 | 948.6 | 948.1 | 947.4 | 946.8 | 946.2 | 945.7 | 945.0 | 944.4 | 943.8 |
| 157.5° | 977.3 | 976.0 | 975.6 | 975.3 | 974.9 | 974.6 | 974.1 | 973.7 | 973.3 | 972.9 | 972.5 |
| 160° | 993.8 | 992.6 | 992.4 | 992.2 | 992.0 | 991.8 | 991.5 | 991.0 | 990.7 | 990.2 | 989.9 |
| 162.5° | 1008.4 | 1007.0 | 1006.8 | 1006.7 | 1006.5 | 1006.2 | 1006.1 | 1006.0 | 1005.9 | 1005.8 | 1005.8 |
| 165° | 1027.4 | 1026.0 | 1026.0 | 1026.0 | 1026.0 | 1026.0 | 1026.1 | 1026.3 | 1026.5 | 1026.7 | 1026.9 |
| 167.5° | 1043.1 | 1041.7 | 1041.8 | 1041.8 | 1041.9 | 1041.9 | 1042.2 | 1042.8 | 1043.4 | 1044.0 | 1044.6 |
| 170° | 1051.8 | 1050.4 | 1050.6 | 1050.8 | 1051.0 | 1051.2 | 1051.6 | 1052.2 | 1052.8 | 1053.4 | 1054.0 |
| 172.5° | 1058.3 | 1056.9 | 1057.1 | 1057.3 | 1057.5 | 1057.7 | 1058.1 | 1058.7 | 1059.3 | 1059.9 | 1060.5 |
| 175° | 1065.3 | 1063.9 | 1064.3 | 1064.7 | 1065.1 | 1065.5 | 1066.0 | 1066.7 | 1067.3 | 1067.8 | 1068.4 |
| 177.5° | 1069.1 | 1068.1 | 1068.4 | 1068.7 | 1069.1 | 1069.3 | 1069.8 | 1070.2 | 1070.8 | 1071.2 | 1071.7 |
| 180° | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0° | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 |
| 2.5° | 871.0 | 872.4 | 876.6 | 880.9 | 885.6 | 887.0 | 889.1 | 887.3 | 886.7 | 891.8 | 895.5 |
| 5° | 873.5 | 879.5 | 891.2 | 901.8 | 910.8 | 917.1 | 923.8 | 926.5 | 931.5 | 938.4 | 947.1 |
| 7.5° | 870.7 | 882.3 | 900.7 | 916.2 | 933.1 | 945.3 | 954.8 | 963.0 | 972.8 | 986.1 | 1000.5 |
| 10° | 867.5 | 883.2 | 905.4 | 924.4 | 945.1 | 960.7 | 973.7 | 986.4 | 1001.0 | 1019.4 | 1038.3 |
| 12.5° | 861.7 | 880.2 | 908.1 | 930.6 | 957.1 | 972.5 | 990.0 | 1017.3 | 1033.0 | 1058.5 | 1085.2 |
| 15° | 849.9 | 870.5 | 909.5 | 937.1 | 967.1 | 996.4 | 1028.7 | 1054.6 | 1080.7 | 1095.6 | 1133.3 |
| 17.5° | 832.3 | 862.6 | 905.8 | 938.1 | 976.2 | 1022.3 | 1058.5 | 1088.1 | 1118.0 | 1142.3 | 1161.2 |
| 20° | 818.2 | 851.2 | 900.4 | 939.1 | 984.4 | 1034.0 | 1075.7 | 1105.6 | 1131.6 | 1151.9 | 1163.6 |
| 22.5° | 800.4 | 841.9 | 889.8 | 935.1 | 992.9 | 1042.1 | 1085.7 | 1109.4 | 1131.0 | 1140.9 | 1145.4 |
| 25° | 772.2 | 822.2 | 876.5 | 931.7 | 997.0 | 1049.0 | 1089.0 | 1103.3 | 1109.6 | 1099.9 | 1084.0 |
| 27.5° | 742.0 | 797.6 | 861.1 | 925.5 | 994.5 | 1044.5 | 1073.1 | 1070.9 | 1060.2 | 1028.9 | 1003.9 |
| 30° | 719.3 | 780.6 | 848.8 | 919.1 | 988.4 | 1037.0 | 1053.6 | 1037.0 | 1012.7 | 977.8 | 942.1 |
| 32.5° | 695.6 | 759.0 | 835.8 | 910.1 | 977.2 | 1019.9 | 1023.6 | 994.9 | 957.3 | 917.6 | 873.1 |
| 35° | 659.7 | 728.3 | 811.2 | 889.8 | 953.4 | 980.4 | 964.4 | 913.8 | 869.2 | 814.9 | 754.3 |
| 37.5° | 619.1 | 694.9 | 778.0 | 860.1 | 917.8 | 924.9 | 885.2 | 831.9 | 768.9 | 705.2 | 633.8 |
| 40° | 588.8 | 669.1 | 754.7 | 837.5 | 888.5 | 881.2 | 830.5 | 772.0 | 697.0 | 619.1 | 552.8 |
| 42.5° | 561.6 | 641.9 | 729.1 | 810.4 | 851.2 | 831.1 | 772.0 | 700.0 | 619.5 | 546.1 | 485.4 |
| 45° | 514.5 | 597.1 | 686.3 | 764.9 | 788.3 | 752.0 | 673.7 | 593.8 | 514.5 | 453.3 | 405.3 |
| 47.5° | 468.9 | 550.5 | 638.8 | 707.9 | 716.2 | 667.4 | 581.8 | 499.6 | 431.5 | 381.6 | 347.8 |
| 50° | 435.2 | 517.2 | 604.8 | 666.4 | 663.7 | 604.8 | 516.8 | 438.5 | 381.7 | 341.3 | 318.7 |
| 52.5° | 405.1 | 482.5 | 566.7 | 622.7 | 608.6 | 544.3 | 460.4 | 390.9 | 344.1 | 312.5 | 292.0 |
| 55° | 358.3 | 429.9 | 509.9 | 554.8 | 528.9 | 457.5 | 386.6 | 330.6 | 296.0 | 272.4 | 256.5 |
| 57.5° | 311.8 | 379.0 | 447.4 | 475.1 | 446.4 | 380.6 | 321.5 | 280.9 | 254.9 | 237.3 | 226.9 |
| 60° | 283.0 | 341.7 | 402.6 | 426.6 | 392.3 | 333.7 | 287.0 | 250.7 | 229.8 | 215.4 | 206.2 |
| 62.5° | 254.3 | 306.7 | 364.3 | 377.3 | 345.9 | 296.4 | 255.1 | 224.9 | 207.7 | 194.9 | 186.2 |
| 65° | 215.2 | 258.1 | 301.8 | 310.4 | 281.4 | 243.1 | 210.4 | 190.8 | 175.5 | 166.2 | 159.2 |
| 67.5° | 176.5 | 210.9 | 241.8 | 248.8 | 223.5 | 196.9 | 173.3 | 156.2 | 145.8 | 138.0 | 132.2 |
| 70° | 153.6 | 180.8 | 206.2 | 211.8 | 191.5 | 167.8 | 149.9 | 136.2 | 126.9 | 120.2 | 114.6 |
| 72.5° | 129.3 | 152.0 | 173.1 | 176.9 | 160.3 | 142.2 | 127.5 | 116.7 | 108.5 | 104.2 | 98.8 |
| 75° | 98.9 | 112.3 | 128.6 | 129.6 | 118.6 | 107.5 | 96.2 | 89.3 | 84.9 | 79.6 | 77.0 |
| 77.5° | 69.8 | 80.3 | 89.6 | 91.4 | 84.9 | 77.4 | 71.1 | 65.5 | 61.9 | 59.4 | 57.0 |
| 80° | 53.3 | 61.6 | 65.6 | 67.9 | 63.3 | 58.0 | 54.3 | 50.6 | 48.3 | 46.6 | 44.9 |
| 82.5° | 38.1 | 43.2 | 47.0 | 48.8 | 46.2 | 43.1 | 39.3 | 37.3 | 35.5 | 34.1 | 33.5 |
| 85° | 19.4 | 21.7 | 24.0 | 24.6 | 24.0 | 22.6 | 20.7 | 20.7 | 19.6 | 19.4 | 19.4 |
| 87.5° | 7.3 | 8.8 | 9.4 | 10.6 | 10.8 | 11.7 | 12.6 | 13.2 | 13.8 | 13.5 | 13.1 |
| 90° | 3.3 | 5.7 | 8.1 | 10.5 | 13.9 | 18.4 | 22.7 | 27.2 | 31.6 | 31.2 | 30.8 |
| 92.5° | 17.8 | 19.6 | 21.4 | 23.2 | 24.5 | 25.6 | 26.7 | 27.6 | 28.7 | 28.8 | 28.9 |
| 95° | 49.0 | 51.0 | 53.0 | 55.0 | 56.2 | 56.6 | 57.0 | 57.4 | 57.8 | 57.8 | 57.8 |
| 97.5° | 87.6 | 89.3 | 91.1 | 92.8 | 94.2 | 94.9 | 95.7 | 96.4 | 97.2 | 97.2 | 97.2 |
| 100° | 116.3 | 117.9 | 119.5 | 121.1 | 122.3 | 122.8 | 123.4 | 124.0 | 124.7 | 124.7 | 124.7 |
| 102.5° | 146.3 | 147.6 | 148.9 | 150.2 | 151.2 | 151.9 | 152.8 | 153.5 | 154.3 | 154.4 | 154.6 |
| 105° | 194.7 | 195.4 | 196.0 | 196.6 | 197.1 | 197.5 | 197.9 | 198.3 | 198.7 | 199.1 | 199.5 |
| 107.5° | 244.6 | 245.4 | 246.3 | 247.2 | 247.6 | 247.6 | 247.6 | 247.6 | 247.6 | 247.8 | 248.0 |
| 110° | 276.7 | 277.9 | 279.1 | 280.3 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 | 280.9 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 311.4 | 312.5 | 313.8 | 315.0 | 315.5 | 315.3 | 315.1 | 315.0 | 314.9 | 314.3 | 313.9 |
| 115° | 362.5 | 363.6 | 364.9 | 366.0 | 366.5 | 366.0 | 365.7 | 365.2 | 364.9 | 364.7 | 364.4 |
| 117.5° | 413.8 | 415.4 | 417.1 | 418.7 | 418.8 | 417.8 | 416.6 | 415.5 | 414.4 | 413.9 | 413.4 |
| 120° | 447.8 | 449.4 | 451.0 | 452.6 | 452.6 | 451.0 | 449.4 | 447.8 | 446.2 | 446.2 | 446.2 |
| 122.5° | 479.2 | 481.1 | 483.0 | 484.9 | 485.4 | 484.2 | 483.1 | 482.0 | 480.8 | 480.4 | 479.9 |
| 125° | 527.4 | 529.2 | 531.1 | 532.9 | 533.5 | 532.9 | 532.3 | 531.6 | 531.1 | 530.5 | 529.9 |
| 127.5° | 575.1 | 577.4 | 579.7 | 581.9 | 582.7 | 582.0 | 581.3 | 580.6 | 579.9 | 579.1 | 578.4 |
| 130° | 605.0 | 607.6 | 610.3 | 612.9 | 613.9 | 613.6 | 613.1 | 612.8 | 612.3 | 612.0 | 611.5 |
| 132.5° | 637.8 | 639.9 | 642.0 | 644.2 | 645.2 | 645.3 | 645.4 | 645.5 | 645.6 | 644.7 | 643.8 |
| 135° | 682.3 | 684.5 | 686.7 | 688.9 | 690.2 | 690.6 | 691.0 | 691.4 | 691.8 | 691.6 | 691.4 |
| 137.5° | 728.7 | 730.5 | 732.3 | 734.1 | 735.3 | 735.8 | 736.3 | 736.8 | 737.4 | 737.2 | 737.0 |
| 140° | 756.9 | 758.7 | 760.5 | 762.2 | 763.7 | 764.7 | 765.7 | 766.7 | 767.7 | 767.7 | 767.7 |
| 142.5° | 785.8 | 787.6 | 789.3 | 791.2 | 792.5 | 793.1 | 793.8 | 794.5 | 795.1 | 795.3 | 795.5 |
| 145° | 826.9 | 828.3 | 829.7 | 831.2 | 832.4 | 833.7 | 834.8 | 836.1 | 837.2 | 837.4 | 837.7 |
| 147.5° | 864.2 | 865.9 | 867.5 | 869.2 | 870.5 | 871.3 | 872.1 | 872.9 | 873.7 | 874.1 | 874.6 |
| 150° | 889.0 | 890.2 | 891.4 | 892.6 | 893.7 | 894.5 | 895.3 | 896.1 | 896.9 | 897.4 | 898.0 |
| 152.5° | 911.4 | 912.7 | 913.8 | 915.1 | 916.1 | 917.1 | 918.0 | 919.0 | 920.0 | 920.7 | 921.5 |
| 155° | 944.4 | 945.0 | 945.7 | 946.2 | 946.8 | 947.4 | 948.1 | 948.6 | 949.2 | 950.2 | 951.3 |
| 157.5° | 972.9 | 973.3 | 973.7 | 974.1 | 974.6 | 974.9 | 975.3 | 975.6 | 976.0 | 977.3 | 978.7 |
| 160° | 990.2 | 990.7 | 991.0 | 991.5 | 991.8 | 992.0 | 992.2 | 992.4 | 992.6 | 993.8 | 995.0 |
| 162.5° | 1005.8 | 1005.9 | 1006.0 | 1006.1 | 1006.2 | 1006.5 | 1006.7 | 1006.8 | 1007.0 | 1008.4 | 1009.8 |
| 165° | 1026.7 | 1026.5 | 1026.3 | 1026.1 | 1026.0 | 1026.0 | 1026.0 | 1026.0 | 1026.0 | 1027.4 | 1028.9 |
| 167.5° | 1044.0 | 1043.4 | 1042.8 | 1042.2 | 1041.9 | 1041.9 | 1041.8 | 1041.8 | 1041.7 | 1043.1 | 1044.6 |
| 170° | 1053.4 | 1052.8 | 1052.2 | 1051.6 | 1051.2 | 1051.0 | 1050.8 | 1050.6 | 1050.4 | 1051.8 | 1053.2 |
| 172.5° | 1059.9 | 1059.3 | 1058.7 | 1058.1 | 1057.7 | 1057.5 | 1057.3 | 1057.1 | 1056.9 | 1058.3 | 1059.7 |
| 175° | 1067.8 | 1067.3 | 1066.7 | 1066.0 | 1065.5 | 1065.1 | 1064.7 | 1064.3 | 1063.9 | 1065.3 | 1066.8 |
| 177.5° | 1071.2 | 1070.8 | 1070.2 | 1069.8 | 1069.3 | 1069.1 | 1068.7 | 1068.4 | 1068.1 | 1069.1 | 1070.1 |
| 180° | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 | 866.5 |
| 2.5° | 898.8 | 902.5 | 902.5 | 903.0 | 907.2 | 906.8 | 906.5 |
| 5° | 956.4 | 962.1 | 962.8 | 968.8 | 972.8 | 971.4 | 967.8 |
| 7.5° | 1010.8 | 1021.4 | 1029.4 | 1033.8 | 1039.1 | 1042.3 | 1040.9 |
| 10° | 1054.0 | 1069.3 | 1078.6 | 1084.9 | 1092.6 | 1098.3 | 1096.3 |
| 12.5° | 1093.1 | 1111.4 | 1124.2 | 1135.1 | 1136.0 | 1143.4 | 1138.4 |
| 15° | 1154.2 | 1173.6 | 1175.5 | 1183.6 | 1189.9 | 1189.2 | 1189.5 |
| 17.5° | 1174.4 | 1180.6 | 1181.9 | 1182.1 | 1182.1 | 1179.8 | 1174.7 |
| 20° | 1167.2 | 1164.9 | 1159.2 | 1154.9 | 1147.3 | 1146.2 | 1139.6 |
| 22.5° | 1133.1 | 1125.7 | 1111.5 | 1102.2 | 1090.2 | 1087.1 | 1085.2 |
| 25° | 1066.0 | 1049.6 | 1027.0 | 1005.4 | 999.3 | 987.7 | 991.0 |
| 27.5° | 973.8 | 948.4 | 923.9 | 906.3 | 890.5 | 873.0 | 878.0 |
| 30° | 909.1 | 880.5 | 845.9 | 819.2 | 802.3 | 785.6 | 782.6 |
| 32.5° | 831.9 | 789.9 | 751.3 | 727.8 | 701.8 | 691.3 | 679.8 |
| 35° | 698.7 | 657.7 | 619.4 | 586.5 | 567.5 | 552.8 | 539.5 |
| 37.5° | 578.8 | 531.7 | 500.8 | 474.1 | 460.4 | 452.0 | 454.1 |
| 40° | 504.5 | 463.2 | 440.6 | 420.3 | 407.6 | 401.6 | 403.0 |
| 42.5° | 444.3 | 413.4 | 394.8 | 380.8 | 371.9 | 368.5 | 367.7 |
| 45° | 375.9 | 358.6 | 343.3 | 335.4 | 331.0 | 327.3 | 325.0 |
| 47.5° | 329.4 | 315.2 | 306.6 | 301.8 | 298.0 | 294.4 | 294.3 |
| 50° | 301.4 | 292.0 | 286.1 | 281.1 | 278.0 | 275.4 | 277.8 |
| 52.5° | 280.1 | 271.5 | 265.6 | 261.1 | 259.9 | 257.5 | 257.5 |
| 55° | 248.4 | 241.7 | 237.5 | 233.4 | 231.5 | 230.2 | 228.5 |
| 57.5° | 219.6 | 213.3 | 209.4 | 206.8 | 203.0 | 201.7 | 201.2 |
| 60° | 199.1 | 194.1 | 190.1 | 186.8 | 185.1 | 182.5 | 182.5 |
| 62.5° | 180.2 | 175.2 | 171.5 | 169.0 | 166.2 | 165.1 | 165.4 |
| 65° | 152.8 | 148.8 | 145.2 | 142.5 | 141.9 | 139.9 | 140.5 |
| 67.5° | 127.7 | 125.0 | 121.2 | 119.7 | 118.4 | 117.3 | 116.5 |
| 70° | 110.9 | 108.3 | 106.2 | 104.2 | 103.3 | 103.3 | 103.3 |
| 72.5° | 96.8 | 93.5 | 92.4 | 89.9 | 90.4 | 89.3 | 88.3 |
| 75° | 74.9 | 72.9 | 72.0 | 70.9 | 69.3 | 69.3 | 69.3 |
| 77.5° | 55.1 | 54.6 | 53.3 | 52.3 | 51.9 | 51.5 | 51.7 |
| 80° | 42.6 | 42.3 | 41.6 | 41.6 | 40.9 | 40.7 | 39.9 |
| 82.5° | 32.7 | 31.9 | 31.5 | 31.2 | 31.1 | 31.0 | 30.9 |
| 85° | 18.6 | 18.0 | 18.0 | 18.3 | 17.7 | 17.7 | 18.0 |
| 87.5° | 13.3 | 13.2 | 12.9 | 12.9 | 13.3 | 13.0 | 13.1 |
| 90° | 30.4 | 30.0 | 29.9 | 30.1 | 30.3 | 30.5 | 30.7 |
| 92.5° | 29.0 | 29.1 | 29.1 | 29.2 | 29.2 | 29.2 | 29.2 |
| 95° | 57.8 | 57.8 | 57.6 | 57.2 | 56.8 | 56.4 | 56.0 |
| 97.5° | 97.2 | 97.2 | 97.2 | 97.1 | 97.1 | 97.0 | 97.0 |
| 100° | 124.7 | 124.7 | 124.6 | 124.3 | 124.1 | 123.9 | 123.8 |
| 102.5° | 154.7 | 154.9 | 154.9 | 154.7 | 154.4 | 154.3 | 154.1 |
| 105° | 199.9 | 200.3 | 200.5 | 200.5 | 200.5 | 200.5 | 200.5 |
| 107.5° | 248.2 | 248.3 | 247.9 | 247.0 | 246.0 | 245.1 | 244.2 |
| 110° | 280.9 | 280.9 | 280.6 | 280.0 | 279.4 | 278.7 | 278.2 |



TEST NUMBER: P331508-940

CATALOG NUMBER: S122DIW-S485D970U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 313.4 | 312.9 | 312.5 | 312.0 | 311.6 | 311.1 | 310.7 |
| 115° | 364.3 | 364.1 | 363.6 | 363.1 | 362.5 | 361.9 | 361.2 |
| 117.5° | 413.0 | 412.4 | 411.9 | 411.3 | 410.7 | 410.1 | 409.5 |
| 120° | 446.2 | 446.2 | 445.9 | 445.2 | 444.7 | 444.1 | 443.4 |
| 122.5° | 479.4 | 478.9 | 478.5 | 478.0 | 477.6 | 477.2 | 476.7 |
| 125° | 529.2 | 528.7 | 528.2 | 528.1 | 527.9 | 527.6 | 527.4 |
| 127.5° | 577.7 | 576.9 | 576.2 | 575.6 | 575.0 | 574.4 | 573.7 |
| 130° | 611.2 | 610.7 | 610.1 | 609.3 | 608.5 | 607.7 | 606.9 |
| 132.5° | 642.9 | 642.0 | 641.3 | 640.7 | 640.0 | 639.4 | 638.7 |
| 135° | 691.3 | 691.0 | 690.6 | 690.0 | 689.4 | 688.8 | 688.2 |
| 137.5° | 736.9 | 736.7 | 736.2 | 735.4 | 734.6 | 733.8 | 733.0 |
| 140° | 767.7 | 767.7 | 767.3 | 766.5 | 765.7 | 764.9 | 764.1 |
| 142.5° | 795.7 | 795.8 | 795.5 | 794.7 | 793.9 | 793.1 | 792.3 |
| 145° | 837.9 | 838.0 | 837.8 | 837.0 | 836.2 | 835.4 | 834.6 |
| 147.5° | 875.0 | 875.5 | 875.3 | 874.6 | 873.8 | 873.1 | 872.3 |
| 150° | 898.7 | 899.3 | 899.3 | 898.7 | 898.0 | 897.4 | 896.9 |
| 152.5° | 922.3 | 923.0 | 923.0 | 922.3 | 921.5 | 920.7 | 920.0 |
| 155° | 952.3 | 953.2 | 953.4 | 952.9 | 952.3 | 951.6 | 951.0 |
| 157.5° | 980.1 | 981.4 | 981.6 | 980.7 | 979.7 | 978.7 | 977.8 |
| 160° | 996.2 | 997.4 | 997.6 | 996.8 | 996.0 | 995.2 | 994.4 |
| 162.5° | 1011.1 | 1012.5 | 1012.7 | 1011.7 | 1010.8 | 1009.8 | 1008.9 |
| 165° | 1030.2 | 1031.6 | 1031.8 | 1030.8 | 1029.8 | 1028.9 | 1027.8 |
| 167.5° | 1046.0 | 1047.3 | 1047.5 | 1046.5 | 1045.4 | 1044.4 | 1043.4 |
| 170° | 1054.6 | 1056.1 | 1056.1 | 1054.9 | 1053.7 | 1052.5 | 1051.3 |
| 172.5° | 1061.1 | 1062.5 | 1062.7 | 1061.4 | 1060.2 | 1059.0 | 1057.8 |
| 175° | 1068.2 | 1069.5 | 1069.7 | 1068.4 | 1067.3 | 1066.0 | 1064.9 |
| 177.5° | 1070.9 | 1071.9 | 1071.9 | 1070.9 | 1070.1 | 1069.1 | 1068.1 |
| 180° | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 | 1070.2 |

(END OF REPORT)