

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: P331508-840

Luminaire Tested: **S122DIW-S485D970U840-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331508-840
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-S485D970U840-4F0-1E-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: 5559.0 lumens
Efficiency: N/A
Efficacy: 123.0 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

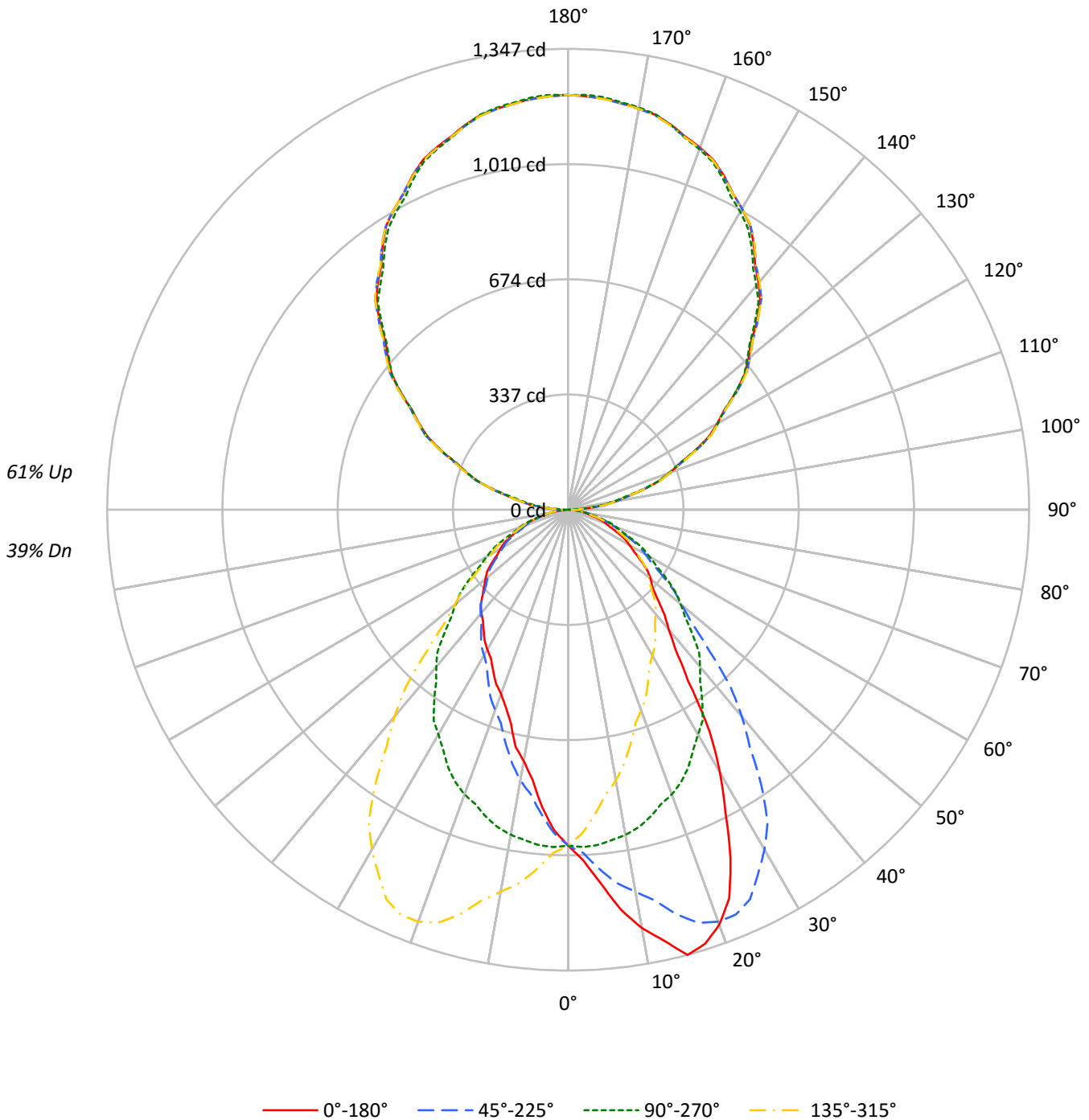
Input Watts (W): 45.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

Luminous Intensity Polar Plot



61% Up
39% Dn



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-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 | 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° | 15844 | 15844 | 15844 | 15844 |
| 5° | 17763 | 15948 | 14131 | 15948 |
| 10° | 20354 | 15816 | 12231 | 15816 |
| 15° | 22519 | 15527 | 10805 | 15527 |
| 20° | 22175 | 15216 | 9850 | 15216 |
| 25° | 19996 | 14801 | 9246 | 14801 |
| 30° | 16524 | 14139 | 8804 | 14139 |
| 35° | 12043 | 13448 | 8489 | 13448 |
| 40° | 9619 | 12631 | 8315 | 12631 |
| 45° | 8405 | 11686 | 8079 | 11686 |
| 50° | 7902 | 10771 | 7920 | 10771 |
| 55° | 7282 | 9841 | 7707 | 9841 |
| 60° | 6675 | 8854 | 7379 | 8854 |
| 65° | 6082 | 7966 | 7060 | 7966 |
| 70° | 5519 | 7105 | 6590 | 7105 |
| 75° | 4897 | 6145 | 5833 | 6145 |
| 80° | 4203 | 5086 | 4695 | 5086 |
| 85° | 3779 | 3779 | 2779 | 3779 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 93.5 | 1.7 |
| 10°-20° | 271.7 | 4.9 |
| 20°-30° | 394.3 | 7.1 |
| 30°-40° | 416.1 | 7.5 |
| 40°-50° | 368.4 | 6.6 |
| 50°-60° | 294.0 | 5.3 |
| 60°-70° | 199.8 | 3.6 |
| 70°-80° | 102.5 | 1.8 |
| 80°-90° | 29.5 | 0.5 |
| 90°-100° | 76.8 | 1.4 |
| 100°-110° | 238.5 | 4.3 |
| 110°-120° | 407.7 | 7.3 |
| 120°-130° | 536.2 | 9.6 |
| 130°-140° | 601.8 | 10.8 |
| 140°-150° | 590.1 | 10.6 |
| 150°-160° | 494.9 | 8.9 |
| 160°-170° | 328.3 | 5.9 |
| 170°-180° | 114.7 | 2.1 |
| 0°-30° | 759.5 | 13.7 |
| 0°-40° | 1175.6 | 21.1 |
| 0°-60° | 1838.0 | 33.1 |
| 0°-90° | 2169.8 | 39.0 |
| 90°-120° | 723.1 | 13.0 |
| 90°-150° | 2451.2 | 44.1 |
| 90°-180° | 3389.0 | 61.0 |
| 0°-180° | 5559.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 981 | 981 | 981 | 981 | 981 | |
| 5° | 1096 | 984 | 872 | 984 | 1096 | 109 |
| 15° | 1347 | 929 | 646 | 929 | 1347 | 372 |
| 25° | 1122 | 831 | 519 | 831 | 1122 | 507 |
| 35° | 611 | 682 | 431 | 682 | 611 | 397 |
| 45° | 368 | 512 | 354 | 512 | 368 | 289 |
| 55° | 259 | 350 | 274 | 350 | 259 | 232 |
| 65° | 159 | 208 | 185 | 208 | 159 | 158 |
| 75° | 78 | 98 | 94 | 98 | 78 | 84 |
| 85° | 20 | 20 | 15 | 20 | 20 | 23 |
| 90° | 35 | 1 | 35 | 1 | 35 | 16 |
| 95° | 63 | 53 | 63 | 53 | 63 | 71 |
| 105° | 227 | 220 | 227 | 220 | 227 | 239 |
| 115° | 409 | 409 | 409 | 409 | 409 | 404 |
| 125° | 597 | 595 | 597 | 595 | 597 | 532 |
| 135° | 779 | 770 | 779 | 770 | 779 | 600 |
| 145° | 945 | 935 | 945 | 935 | 945 | 590 |
| 155° | 1077 | 1069 | 1077 | 1069 | 1077 | 496 |
| 165° | 1164 | 1163 | 1164 | 1163 | 1164 | 328 |
| 175° | 1206 | 1210 | 1206 | 1210 | 1206 | 115 |
| 180° | 1212 | 1212 | 1212 | 1212 | 1212 | |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 |
| 2.5° | 1026.6 | 1026.9 | 1027.4 | 1022.7 | 1022.1 | 1022.1 | 1017.8 | 1014.2 | 1010.0 | 1004.2 | 1004.8 |
| 5° | 1096.0 | 1100.1 | 1101.7 | 1097.1 | 1090.4 | 1089.5 | 1083.2 | 1072.6 | 1062.8 | 1054.9 | 1049.2 |
| 7.5° | 1178.8 | 1180.4 | 1176.8 | 1170.8 | 1165.8 | 1156.7 | 1144.8 | 1133.1 | 1116.7 | 1101.7 | 1090.6 |
| 10° | 1241.5 | 1243.9 | 1237.4 | 1228.7 | 1221.5 | 1211.0 | 1193.7 | 1175.9 | 1154.5 | 1133.7 | 1117.1 |
| 12.5° | 1289.2 | 1294.8 | 1286.6 | 1285.5 | 1273.1 | 1258.7 | 1238.0 | 1229.0 | 1198.8 | 1169.9 | 1152.1 |
| 15° | 1347.2 | 1346.8 | 1347.6 | 1340.4 | 1331.3 | 1329.1 | 1307.2 | 1283.4 | 1240.8 | 1223.9 | 1194.4 |
| 17.5° | 1330.4 | 1336.2 | 1338.8 | 1338.7 | 1338.5 | 1337.1 | 1330.0 | 1315.0 | 1293.6 | 1266.2 | 1232.2 |
| 20° | 1290.6 | 1298.1 | 1299.3 | 1308.0 | 1312.8 | 1319.3 | 1321.9 | 1317.8 | 1304.5 | 1281.5 | 1252.1 |
| 22.5° | 1229.0 | 1231.1 | 1234.7 | 1248.2 | 1258.8 | 1274.9 | 1283.2 | 1297.2 | 1292.1 | 1280.9 | 1256.4 |
| 25° | 1122.4 | 1118.6 | 1131.8 | 1138.6 | 1163.1 | 1188.7 | 1207.2 | 1227.6 | 1245.7 | 1256.7 | 1249.5 |
| 27.5° | 994.3 | 988.7 | 1008.5 | 1026.4 | 1046.3 | 1074.1 | 1102.9 | 1136.9 | 1165.2 | 1200.6 | 1212.7 |
| 30° | 886.3 | 889.7 | 908.6 | 927.8 | 958.0 | 997.1 | 1029.6 | 1066.9 | 1107.3 | 1146.9 | 1174.4 |
| 32.5° | 769.8 | 782.8 | 794.8 | 824.3 | 850.8 | 894.5 | 942.1 | 988.8 | 1039.2 | 1084.1 | 1126.7 |
| 35° | 611.0 | 626.0 | 642.7 | 664.2 | 701.5 | 744.9 | 791.2 | 854.2 | 922.9 | 984.3 | 1034.9 |
| 37.5° | 514.2 | 511.9 | 521.4 | 536.9 | 567.1 | 602.2 | 655.5 | 717.8 | 798.6 | 870.8 | 942.1 |
| 40° | 456.4 | 454.8 | 461.6 | 475.9 | 499.0 | 524.6 | 571.4 | 626.0 | 701.1 | 789.3 | 874.2 |
| 42.5° | 416.5 | 417.4 | 421.2 | 431.3 | 447.1 | 468.2 | 503.2 | 549.8 | 618.4 | 701.6 | 792.7 |
| 45° | 368.1 | 370.7 | 374.9 | 379.8 | 388.8 | 406.2 | 425.8 | 459.0 | 513.3 | 582.7 | 672.5 |
| 47.5° | 333.3 | 333.4 | 337.5 | 341.8 | 347.2 | 357.0 | 373.0 | 393.8 | 432.1 | 488.7 | 565.8 |
| 50° | 314.6 | 311.8 | 314.9 | 318.3 | 324.0 | 330.7 | 341.3 | 360.9 | 386.6 | 432.2 | 496.7 |
| 52.5° | 291.6 | 291.6 | 294.4 | 295.7 | 300.7 | 307.5 | 317.2 | 330.7 | 354.0 | 389.7 | 442.7 |
| 55° | 258.7 | 260.6 | 262.2 | 264.4 | 268.9 | 273.8 | 281.3 | 290.4 | 308.5 | 335.3 | 374.5 |
| 57.5° | 227.8 | 228.4 | 229.9 | 234.2 | 237.1 | 241.6 | 248.7 | 257.0 | 268.7 | 288.6 | 318.1 |
| 60° | 206.7 | 206.7 | 209.6 | 211.6 | 215.3 | 219.8 | 225.5 | 233.5 | 244.0 | 260.2 | 284.0 |
| 62.5° | 187.3 | 187.0 | 188.2 | 191.4 | 194.2 | 198.4 | 204.1 | 210.9 | 220.8 | 235.2 | 254.7 |
| 65° | 159.2 | 158.4 | 160.7 | 161.4 | 164.4 | 168.5 | 173.1 | 180.3 | 188.2 | 198.7 | 216.1 |
| 67.5° | 132.0 | 132.9 | 134.1 | 135.5 | 137.2 | 141.6 | 144.6 | 149.7 | 156.3 | 165.1 | 176.9 |
| 70° | 116.9 | 116.9 | 116.9 | 118.1 | 120.3 | 122.6 | 125.6 | 129.8 | 136.1 | 143.7 | 154.2 |
| 72.5° | 100.0 | 101.2 | 102.4 | 101.8 | 104.6 | 105.9 | 109.6 | 111.9 | 118.1 | 122.9 | 132.2 |
| 75° | 78.5 | 78.5 | 78.5 | 80.3 | 81.5 | 82.6 | 84.8 | 87.2 | 90.2 | 96.1 | 101.1 |
| 77.5° | 58.6 | 58.4 | 58.8 | 59.2 | 60.4 | 61.8 | 62.4 | 64.5 | 67.3 | 70.1 | 74.2 |
| 80° | 45.2 | 46.0 | 46.4 | 47.2 | 47.2 | 47.9 | 48.3 | 50.9 | 52.8 | 54.7 | 57.4 |
| 82.5° | 35.0 | 35.1 | 35.2 | 35.3 | 35.6 | 36.2 | 37.1 | 38.0 | 38.6 | 40.2 | 42.2 |
| 85° | 20.4 | 20.0 | 20.0 | 20.7 | 20.4 | 20.4 | 21.1 | 21.9 | 21.9 | 22.2 | 23.4 |
| 87.5° | 14.8 | 14.7 | 15.0 | 14.6 | 14.6 | 14.9 | 15.0 | 14.8 | 15.2 | 15.7 | 14.9 |
| 90° | 34.7 | 34.5 | 34.3 | 34.1 | 33.8 | 33.9 | 34.4 | 34.8 | 35.3 | 35.7 | 30.8 |
| 92.5° | 33.1 | 33.1 | 33.0 | 33.0 | 32.9 | 32.9 | 32.8 | 32.7 | 32.6 | 32.5 | 31.3 |
| 95° | 63.4 | 63.8 | 64.3 | 64.7 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.0 |
| 97.5° | 109.9 | 109.9 | 110.0 | 110.0 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 109.2 |
| 100° | 140.2 | 140.4 | 140.6 | 140.8 | 141.1 | 141.2 | 141.2 | 141.2 | 141.2 | 141.2 | 140.5 |
| 102.5° | 174.5 | 174.7 | 174.9 | 175.2 | 175.4 | 175.4 | 175.2 | 175.1 | 174.9 | 174.7 | 173.8 |
| 105° | 227.1 | 227.1 | 227.1 | 227.1 | 227.1 | 226.8 | 226.4 | 225.9 | 225.5 | 225.0 | 224.6 |
| 107.5° | 276.6 | 277.6 | 278.6 | 279.7 | 280.7 | 281.1 | 281.0 | 280.8 | 280.6 | 280.4 | 280.4 |
| 110° | 315.1 | 315.7 | 316.4 | 317.1 | 317.8 | 318.1 | 318.1 | 318.1 | 318.1 | 318.1 | 318.1 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 351.8 | 352.3 | 352.8 | 353.4 | 353.9 | 354.4 | 355.0 | 355.5 | 356.0 | 356.6 | 356.8 |
| 115° | 409.1 | 409.8 | 410.5 | 411.2 | 411.8 | 412.3 | 412.5 | 412.7 | 413.0 | 413.2 | 413.6 |
| 117.5° | 463.7 | 464.4 | 465.1 | 465.9 | 466.5 | 467.1 | 467.7 | 468.2 | 468.8 | 469.3 | 470.6 |
| 120° | 502.2 | 502.9 | 503.6 | 504.2 | 504.9 | 505.3 | 505.3 | 505.3 | 505.3 | 505.3 | 507.2 |
| 122.5° | 539.9 | 540.4 | 540.9 | 541.4 | 541.9 | 542.4 | 542.9 | 543.5 | 544.0 | 544.5 | 545.8 |
| 125° | 597.3 | 597.5 | 597.8 | 598.0 | 598.2 | 598.7 | 599.4 | 600.1 | 600.8 | 601.5 | 602.1 |
| 127.5° | 649.7 | 650.5 | 651.2 | 651.9 | 652.6 | 653.4 | 654.2 | 655.0 | 655.8 | 656.7 | 657.5 |
| 130° | 687.3 | 688.2 | 689.1 | 690.0 | 690.9 | 691.7 | 692.2 | 692.6 | 693.1 | 693.5 | 694.0 |
| 132.5° | 723.4 | 724.1 | 724.8 | 725.6 | 726.3 | 727.1 | 728.1 | 729.1 | 730.1 | 731.1 | 731.0 |
| 135° | 779.4 | 780.1 | 780.7 | 781.4 | 782.1 | 782.5 | 782.8 | 783.0 | 783.3 | 783.5 | 783.0 |
| 137.5° | 830.1 | 831.0 | 831.9 | 832.8 | 833.7 | 834.4 | 834.6 | 834.7 | 834.9 | 835.1 | 834.5 |
| 140° | 865.4 | 866.3 | 867.2 | 868.1 | 869.0 | 869.4 | 869.4 | 869.4 | 869.4 | 869.4 | 868.3 |
| 142.5° | 897.3 | 898.2 | 899.1 | 900.0 | 900.9 | 901.2 | 901.1 | 900.9 | 900.7 | 900.5 | 899.8 |
| 145° | 945.1 | 946.0 | 947.0 | 947.9 | 948.8 | 949.1 | 948.9 | 948.7 | 948.4 | 948.2 | 946.8 |
| 147.5° | 987.8 | 988.8 | 989.6 | 990.5 | 991.3 | 991.5 | 991.0 | 990.5 | 990.0 | 989.5 | 988.6 |
| 150° | 1015.7 | 1016.3 | 1017.0 | 1017.7 | 1018.4 | 1018.4 | 1017.7 | 1017.0 | 1016.3 | 1015.7 | 1014.8 |
| 152.5° | 1041.9 | 1042.7 | 1043.6 | 1044.5 | 1045.3 | 1045.3 | 1044.5 | 1043.6 | 1042.7 | 1041.9 | 1040.8 |
| 155° | 1077.0 | 1077.7 | 1078.4 | 1079.1 | 1079.7 | 1079.5 | 1078.4 | 1077.3 | 1076.1 | 1075.0 | 1074.3 |
| 157.5° | 1107.3 | 1108.4 | 1109.5 | 1110.6 | 1111.7 | 1111.5 | 1109.9 | 1108.4 | 1106.8 | 1105.3 | 1104.9 |
| 160° | 1126.2 | 1127.1 | 1128.0 | 1128.9 | 1129.8 | 1129.5 | 1128.2 | 1126.8 | 1125.5 | 1124.1 | 1123.9 |
| 162.5° | 1142.6 | 1143.6 | 1144.7 | 1145.8 | 1146.9 | 1146.7 | 1145.1 | 1143.6 | 1142.1 | 1140.4 | 1140.2 |
| 165° | 1164.0 | 1165.2 | 1166.3 | 1167.4 | 1168.5 | 1168.3 | 1166.7 | 1165.2 | 1163.6 | 1162.0 | 1162.0 |
| 167.5° | 1181.6 | 1182.8 | 1184.0 | 1185.2 | 1186.3 | 1186.1 | 1184.6 | 1183.0 | 1181.3 | 1179.7 | 1179.8 |
| 170° | 1190.6 | 1191.9 | 1193.4 | 1194.7 | 1196.1 | 1196.0 | 1194.4 | 1192.8 | 1191.1 | 1189.6 | 1189.8 |
| 172.5° | 1198.0 | 1199.3 | 1200.7 | 1202.0 | 1203.5 | 1203.3 | 1201.7 | 1200.1 | 1198.5 | 1196.9 | 1197.2 |
| 175° | 1206.0 | 1207.3 | 1208.7 | 1210.0 | 1211.4 | 1211.2 | 1209.7 | 1208.1 | 1206.5 | 1204.9 | 1205.4 |
| 177.5° | 1209.6 | 1210.7 | 1211.8 | 1212.8 | 1214.0 | 1214.0 | 1212.8 | 1211.8 | 1210.7 | 1209.6 | 1210.0 |
| 180° | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0° | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 |
| 2.5° | 1006.9 | 1004.5 | 1003.0 | 997.6 | 992.8 | 988.0 | 986.4 | 987.0 | 980.4 | 974.1 | 971.4 |
| 5° | 1046.2 | 1038.6 | 1031.5 | 1021.3 | 1009.3 | 996.0 | 989.3 | 984.0 | 970.8 | 956.4 | 948.2 |
| 7.5° | 1081.4 | 1070.6 | 1056.7 | 1037.6 | 1020.1 | 999.3 | 986.0 | 974.4 | 955.0 | 934.8 | 922.5 |
| 10° | 1102.8 | 1088.0 | 1070.4 | 1046.9 | 1025.4 | 1000.2 | 982.5 | 964.7 | 942.1 | 918.0 | 902.9 |
| 12.5° | 1121.2 | 1101.4 | 1083.9 | 1053.9 | 1028.4 | 996.8 | 975.8 | 950.9 | 927.1 | 898.4 | 883.5 |
| 15° | 1165.0 | 1128.4 | 1095.2 | 1061.3 | 1030.0 | 985.8 | 962.5 | 928.9 | 897.6 | 862.1 | 845.2 |
| 17.5° | 1198.8 | 1157.7 | 1105.5 | 1062.4 | 1025.8 | 976.9 | 942.6 | 902.4 | 865.4 | 824.9 | 801.8 |
| 20° | 1218.2 | 1171.0 | 1114.8 | 1063.6 | 1019.8 | 964.0 | 926.7 | 885.6 | 842.1 | 796.5 | 771.6 |
| 22.5° | 1229.6 | 1180.1 | 1124.5 | 1059.0 | 1007.7 | 953.4 | 906.5 | 861.4 | 817.4 | 768.2 | 742.0 |
| 25° | 1233.2 | 1188.0 | 1129.1 | 1055.2 | 992.6 | 931.2 | 874.5 | 830.8 | 777.7 | 731.6 | 693.6 |
| 27.5° | 1215.3 | 1182.9 | 1126.3 | 1048.1 | 975.2 | 903.3 | 840.3 | 790.7 | 734.6 | 684.7 | 646.3 |
| 30° | 1193.3 | 1174.4 | 1119.3 | 1040.9 | 961.3 | 884.0 | 814.7 | 758.4 | 702.7 | 652.1 | 612.9 |
| 32.5° | 1159.2 | 1155.1 | 1106.7 | 1030.7 | 946.5 | 859.6 | 787.8 | 730.9 | 669.1 | 619.5 | 582.1 |
| 35° | 1092.2 | 1110.3 | 1079.7 | 1007.7 | 918.7 | 824.9 | 747.1 | 682.3 | 618.1 | 570.6 | 535.5 |
| 37.5° | 1002.5 | 1047.4 | 1039.5 | 974.1 | 881.1 | 787.0 | 701.1 | 633.4 | 572.3 | 524.3 | 489.9 |
| 40° | 940.6 | 997.9 | 1006.2 | 948.5 | 854.6 | 757.7 | 666.8 | 599.3 | 539.7 | 495.9 | 461.2 |
| 42.5° | 874.2 | 941.2 | 964.0 | 917.8 | 825.7 | 726.9 | 636.0 | 566.1 | 507.2 | 464.5 | 433.8 |
| 45° | 763.0 | 851.6 | 892.7 | 866.3 | 777.3 | 676.2 | 582.7 | 511.8 | 458.3 | 418.3 | 394.5 |
| 47.5° | 658.9 | 755.8 | 811.1 | 801.7 | 723.5 | 623.4 | 531.0 | 462.9 | 410.8 | 378.9 | 357.6 |
| 50° | 585.3 | 684.9 | 751.6 | 754.7 | 684.9 | 585.7 | 492.9 | 428.8 | 380.9 | 351.1 | 333.8 |
| 52.5° | 521.4 | 616.4 | 689.2 | 705.2 | 641.8 | 546.4 | 458.8 | 395.1 | 352.8 | 325.5 | 309.9 |
| 55° | 437.9 | 518.2 | 599.0 | 628.3 | 577.4 | 486.9 | 405.8 | 349.6 | 310.0 | 291.1 | 277.6 |
| 57.5° | 364.1 | 431.0 | 505.5 | 538.1 | 506.6 | 429.2 | 353.1 | 304.4 | 272.3 | 255.7 | 245.3 |
| 60° | 325.1 | 377.9 | 444.2 | 483.1 | 456.0 | 387.0 | 320.5 | 274.2 | 247.8 | 233.1 | 223.3 |
| 62.5° | 288.9 | 335.7 | 391.7 | 427.3 | 412.5 | 347.4 | 288.0 | 247.0 | 224.3 | 210.5 | 203.4 |
| 65° | 238.3 | 275.3 | 318.7 | 351.5 | 341.7 | 292.3 | 243.7 | 208.5 | 190.5 | 179.6 | 173.9 |
| 67.5° | 196.2 | 223.0 | 253.1 | 281.8 | 273.9 | 238.8 | 199.9 | 172.5 | 159.0 | 149.6 | 146.2 |
| 70° | 169.8 | 190.1 | 216.8 | 239.8 | 233.5 | 204.8 | 173.9 | 150.5 | 138.8 | 130.9 | 127.4 |
| 72.5° | 144.4 | 161.1 | 181.6 | 200.4 | 196.0 | 172.2 | 146.4 | 128.8 | 119.8 | 112.5 | 109.7 |
| 75° | 109.0 | 121.8 | 134.3 | 146.7 | 145.6 | 127.1 | 112.0 | 98.5 | 91.3 | 85.6 | 84.5 |
| 77.5° | 80.5 | 87.7 | 96.1 | 103.5 | 101.5 | 90.9 | 79.1 | 71.3 | 66.0 | 62.2 | 61.6 |
| 80° | 61.5 | 65.6 | 71.7 | 77.0 | 74.3 | 69.8 | 60.4 | 54.7 | 50.9 | 47.2 | 45.6 |
| 82.5° | 44.5 | 48.8 | 52.3 | 55.2 | 53.2 | 49.0 | 43.1 | 39.3 | 37.1 | 34.4 | 33.8 |
| 85° | 23.4 | 25.7 | 27.2 | 27.9 | 27.2 | 24.5 | 21.9 | 20.4 | 18.5 | 17.4 | 17.0 |
| 87.5° | 14.2 | 13.2 | 12.2 | 12.0 | 10.6 | 10.0 | 8.3 | 6.9 | 7.1 | 7.4 | 7.3 |
| 90° | 25.8 | 20.8 | 15.8 | 11.9 | 9.2 | 6.5 | 3.7 | 1.0 | 3.7 | 6.5 | 9.2 |
| 92.5° | 30.2 | 29.0 | 27.8 | 26.3 | 24.2 | 22.2 | 20.2 | 18.2 | 20.2 | 22.2 | 24.2 |
| 95° | 64.5 | 64.1 | 63.6 | 62.3 | 60.0 | 57.8 | 55.4 | 53.2 | 55.4 | 57.8 | 60.0 |
| 97.5° | 108.4 | 107.4 | 106.6 | 105.1 | 103.2 | 101.2 | 99.2 | 97.1 | 99.2 | 101.2 | 103.2 |
| 100° | 139.8 | 139.1 | 138.5 | 137.1 | 135.3 | 133.5 | 131.7 | 129.9 | 131.7 | 133.5 | 135.3 |
| 102.5° | 173.0 | 172.1 | 171.3 | 170.1 | 168.6 | 167.1 | 165.7 | 164.3 | 165.7 | 167.1 | 168.6 |
| 105° | 224.1 | 223.7 | 223.2 | 222.7 | 222.0 | 221.3 | 220.6 | 219.9 | 220.6 | 221.3 | 222.0 |
| 107.5° | 280.4 | 280.4 | 280.4 | 279.9 | 278.9 | 277.9 | 277.0 | 276.0 | 277.0 | 277.9 | 278.9 |
| 110° | 318.1 | 318.1 | 318.1 | 317.4 | 316.1 | 314.7 | 313.4 | 311.9 | 313.4 | 314.7 | 316.1 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 356.9 | 357.1 | 357.3 | 356.7 | 355.4 | 354.0 | 352.6 | 351.2 | 352.6 | 354.0 | 355.4 |
| 115° | 414.1 | 414.5 | 415.1 | 414.5 | 413.2 | 411.8 | 410.5 | 409.1 | 410.5 | 411.8 | 413.2 |
| 117.5° | 471.8 | 473.1 | 474.3 | 474.1 | 472.3 | 470.5 | 468.7 | 466.9 | 468.7 | 470.5 | 472.3 |
| 120° | 509.0 | 510.8 | 512.6 | 512.6 | 510.8 | 509.0 | 507.2 | 505.3 | 507.2 | 509.0 | 510.8 |
| 122.5° | 547.1 | 548.4 | 549.7 | 549.2 | 547.0 | 544.8 | 542.7 | 540.5 | 542.7 | 544.8 | 547.0 |
| 125° | 602.8 | 603.5 | 604.2 | 603.5 | 601.5 | 599.4 | 597.3 | 595.3 | 597.3 | 599.4 | 601.5 |
| 127.5° | 658.3 | 659.1 | 659.9 | 659.0 | 656.5 | 653.9 | 651.3 | 648.7 | 651.3 | 653.9 | 656.5 |
| 130° | 694.4 | 694.9 | 695.3 | 694.1 | 691.2 | 688.1 | 685.2 | 682.3 | 685.2 | 688.1 | 691.2 |
| 132.5° | 730.9 | 730.8 | 730.7 | 729.5 | 727.1 | 724.7 | 722.3 | 719.8 | 722.3 | 724.7 | 727.1 |
| 135° | 782.5 | 782.1 | 781.6 | 780.2 | 777.7 | 775.2 | 772.7 | 770.2 | 772.7 | 775.2 | 777.7 |
| 137.5° | 833.8 | 833.2 | 832.7 | 831.3 | 829.3 | 827.3 | 825.3 | 823.1 | 825.3 | 827.3 | 829.3 |
| 140° | 867.2 | 866.1 | 864.8 | 863.2 | 861.2 | 859.2 | 857.2 | 855.1 | 857.2 | 859.2 | 861.2 |
| 142.5° | 899.0 | 898.2 | 897.5 | 896.1 | 893.9 | 891.9 | 889.9 | 887.9 | 889.9 | 891.9 | 893.9 |
| 145° | 945.4 | 944.1 | 942.7 | 941.3 | 939.7 | 938.1 | 936.4 | 934.8 | 936.4 | 938.1 | 939.7 |
| 147.5° | 987.6 | 986.7 | 985.8 | 984.4 | 982.5 | 980.7 | 978.8 | 976.8 | 978.8 | 980.7 | 982.5 |
| 150° | 1013.9 | 1013.0 | 1012.1 | 1010.9 | 1009.6 | 1008.1 | 1006.8 | 1005.4 | 1006.8 | 1008.1 | 1009.6 |
| 152.5° | 1039.7 | 1038.6 | 1037.5 | 1036.3 | 1034.9 | 1033.6 | 1032.2 | 1030.9 | 1032.2 | 1033.6 | 1034.9 |
| 155° | 1073.7 | 1073.0 | 1072.3 | 1071.6 | 1071.0 | 1070.3 | 1069.5 | 1068.8 | 1069.5 | 1070.3 | 1071.0 |
| 157.5° | 1104.5 | 1104.1 | 1103.7 | 1103.2 | 1102.8 | 1102.3 | 1101.9 | 1101.4 | 1101.9 | 1102.3 | 1102.8 |
| 160° | 1123.7 | 1123.5 | 1123.2 | 1122.9 | 1122.4 | 1122.0 | 1121.5 | 1121.1 | 1121.5 | 1122.0 | 1122.4 |
| 162.5° | 1140.0 | 1139.8 | 1139.5 | 1139.4 | 1139.3 | 1139.2 | 1139.1 | 1139.0 | 1139.1 | 1139.2 | 1139.3 |
| 165° | 1162.0 | 1162.0 | 1162.0 | 1162.1 | 1162.3 | 1162.6 | 1162.8 | 1163.0 | 1162.8 | 1162.6 | 1162.3 |
| 167.5° | 1179.8 | 1179.9 | 1179.9 | 1180.3 | 1180.9 | 1181.6 | 1182.3 | 1183.1 | 1182.3 | 1181.6 | 1180.9 |
| 170° | 1190.0 | 1190.2 | 1190.5 | 1190.9 | 1191.6 | 1192.3 | 1193.0 | 1193.7 | 1193.0 | 1192.3 | 1191.6 |
| 172.5° | 1197.4 | 1197.6 | 1197.8 | 1198.3 | 1199.0 | 1199.6 | 1200.3 | 1201.0 | 1200.3 | 1199.6 | 1199.0 |
| 175° | 1205.8 | 1206.3 | 1206.7 | 1207.3 | 1208.0 | 1208.7 | 1209.3 | 1210.0 | 1209.3 | 1208.7 | 1208.0 |
| 177.5° | 1210.3 | 1210.7 | 1211.0 | 1211.5 | 1212.0 | 1212.6 | 1213.2 | 1213.8 | 1213.2 | 1212.6 | 1212.0 |
| 180° | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 |
| 2.5° | 968.4 | 966.5 | 960.2 | 956.8 | 951.5 | 946.3 | 943.0 | 944.5 | 945.7 | 945.1 | 944.2 |
| 5° | 940.6 | 933.4 | 922.5 | 913.0 | 906.3 | 893.8 | 888.6 | 886.0 | 883.6 | 881.0 | 878.4 |
| 7.5° | 907.6 | 896.3 | 880.6 | 867.2 | 854.4 | 839.0 | 830.2 | 824.9 | 819.4 | 813.4 | 808.2 |
| 10° | 884.0 | 868.2 | 851.6 | 832.7 | 817.7 | 803.7 | 791.2 | 782.9 | 775.4 | 768.2 | 763.0 |
| 12.5° | 859.3 | 841.0 | 820.5 | 794.8 | 778.1 | 758.1 | 756.3 | 741.6 | 729.8 | 725.4 | 719.2 |
| 15° | 819.9 | 794.3 | 768.2 | 737.7 | 724.5 | 706.4 | 695.1 | 683.8 | 673.6 | 666.4 | 664.5 |
| 17.5° | 775.2 | 741.9 | 716.1 | 694.2 | 672.6 | 654.0 | 643.6 | 634.5 | 626.1 | 616.5 | 615.3 |
| 20° | 741.0 | 712.5 | 684.2 | 664.9 | 642.7 | 623.8 | 611.0 | 601.9 | 594.7 | 589.1 | 584.2 |
| 22.5° | 708.8 | 677.4 | 651.6 | 630.5 | 608.5 | 593.3 | 583.2 | 574.5 | 568.6 | 562.3 | 557.6 |
| 25° | 657.0 | 632.5 | 604.2 | 580.5 | 562.3 | 552.5 | 544.2 | 536.6 | 532.9 | 528.8 | 523.5 |
| 27.5° | 611.7 | 584.4 | 558.0 | 539.6 | 523.6 | 514.9 | 509.1 | 503.9 | 500.4 | 498.0 | 494.9 |
| 30° | 579.7 | 552.1 | 531.4 | 513.3 | 500.1 | 491.4 | 487.7 | 484.6 | 480.5 | 479.0 | 477.5 |
| 32.5° | 548.9 | 524.1 | 506.3 | 490.7 | 478.1 | 472.4 | 469.0 | 466.3 | 463.0 | 461.5 | 458.5 |
| 35° | 505.3 | 484.6 | 467.3 | 458.6 | 448.4 | 443.5 | 440.9 | 437.1 | 434.1 | 432.6 | 432.2 |
| 37.5° | 464.4 | 446.4 | 434.9 | 423.8 | 419.5 | 416.5 | 412.9 | 410.3 | 409.4 | 409.2 | 408.8 |
| 40° | 437.9 | 423.1 | 412.9 | 403.9 | 402.0 | 397.5 | 394.5 | 392.2 | 392.2 | 392.6 | 392.2 |
| 42.5° | 413.7 | 400.5 | 391.5 | 383.7 | 381.5 | 378.8 | 375.8 | 375.7 | 376.3 | 377.5 | 376.3 |
| 45° | 377.2 | 367.7 | 361.3 | 357.5 | 353.4 | 350.7 | 350.3 | 351.5 | 351.8 | 352.2 | 353.4 |
| 47.5° | 343.5 | 337.2 | 331.4 | 327.3 | 325.5 | 325.0 | 324.6 | 326.5 | 328.3 | 329.0 | 330.7 |
| 50° | 323.6 | 316.4 | 311.5 | 308.9 | 307.4 | 306.6 | 307.4 | 309.6 | 311.1 | 313.1 | 314.2 |
| 52.5° | 301.2 | 296.2 | 292.9 | 290.7 | 290.1 | 290.6 | 290.7 | 293.4 | 295.8 | 296.4 | 297.0 |
| 55° | 270.4 | 266.6 | 265.9 | 262.5 | 264.0 | 263.6 | 265.5 | 267.0 | 269.2 | 271.6 | 272.0 |
| 57.5° | 239.6 | 236.6 | 234.6 | 234.9 | 235.3 | 237.0 | 238.5 | 241.3 | 243.7 | 246.0 | 246.3 |
| 60° | 219.1 | 217.6 | 216.5 | 216.5 | 217.2 | 219.5 | 221.4 | 224.0 | 225.5 | 227.0 | 228.1 |
| 62.5° | 200.5 | 198.9 | 197.7 | 198.3 | 200.4 | 201.7 | 203.9 | 205.3 | 206.8 | 208.3 | 208.8 |
| 65° | 170.9 | 170.1 | 171.3 | 172.0 | 172.4 | 174.2 | 176.9 | 178.0 | 179.6 | 180.3 | 182.9 |
| 67.5° | 143.6 | 143.8 | 143.6 | 144.7 | 146.8 | 147.3 | 149.8 | 152.5 | 152.8 | 154.2 | 155.9 |
| 70° | 125.2 | 125.9 | 126.7 | 127.4 | 129.4 | 130.1 | 132.0 | 133.1 | 134.6 | 135.7 | 136.9 |
| 72.5° | 108.4 | 108.5 | 109.3 | 109.1 | 110.7 | 112.3 | 113.9 | 115.0 | 116.5 | 118.0 | 119.1 |
| 75° | 83.3 | 83.3 | 84.1 | 84.5 | 86.3 | 88.3 | 87.9 | 88.7 | 90.2 | 91.7 | 92.4 |
| 77.5° | 60.9 | 60.1 | 60.9 | 61.2 | 61.8 | 63.4 | 63.7 | 64.8 | 66.6 | 66.0 | 66.9 |
| 80° | 46.4 | 45.2 | 46.4 | 46.8 | 46.8 | 48.7 | 48.7 | 49.4 | 50.5 | 49.4 | 50.5 |
| 82.5° | 33.1 | 32.6 | 33.4 | 33.5 | 34.1 | 34.1 | 34.7 | 34.9 | 36.1 | 35.5 | 36.1 |
| 85° | 16.6 | 16.3 | 16.6 | 16.3 | 16.6 | 17.0 | 17.0 | 16.6 | 16.6 | 17.4 | 16.3 |
| 87.5° | 7.5 | 8.0 | 8.7 | 9.7 | 10.4 | 11.1 | 10.7 | 10.6 | 10.5 | 9.8 | 9.8 |
| 90° | 11.9 | 15.8 | 20.8 | 25.8 | 30.8 | 35.7 | 35.3 | 34.8 | 34.4 | 33.9 | 33.8 |
| 92.5° | 26.3 | 27.8 | 29.0 | 30.2 | 31.3 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 32.9 |
| 95° | 62.3 | 63.6 | 64.1 | 64.5 | 65.0 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.2 |
| 97.5° | 105.1 | 106.6 | 107.4 | 108.4 | 109.2 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 | 110.1 |
| 100° | 137.1 | 138.5 | 139.1 | 139.8 | 140.5 | 141.2 | 141.2 | 141.2 | 141.2 | 141.2 | 141.1 |
| 102.5° | 170.1 | 171.3 | 172.1 | 173.0 | 173.8 | 174.7 | 174.9 | 175.1 | 175.2 | 175.4 | 175.4 |
| 105° | 222.7 | 223.2 | 223.7 | 224.1 | 224.6 | 225.0 | 225.5 | 225.9 | 226.4 | 226.8 | 227.1 |
| 107.5° | 279.9 | 280.4 | 280.4 | 280.4 | 280.4 | 280.4 | 280.6 | 280.8 | 281.0 | 281.1 | 280.7 |
| 110° | 317.4 | 318.1 | 318.1 | 318.1 | 318.1 | 318.1 | 318.1 | 318.1 | 318.1 | 318.1 | 317.8 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 356.7 | 357.3 | 357.1 | 356.9 | 356.8 | 356.6 | 356.0 | 355.5 | 355.0 | 354.4 | 353.9 |
| 115° | 414.5 | 415.1 | 414.5 | 414.1 | 413.6 | 413.2 | 413.0 | 412.7 | 412.5 | 412.3 | 411.8 |
| 117.5° | 474.1 | 474.3 | 473.1 | 471.8 | 470.6 | 469.3 | 468.8 | 468.2 | 467.7 | 467.1 | 466.5 |
| 120° | 512.6 | 512.6 | 510.8 | 509.0 | 507.2 | 505.3 | 505.3 | 505.3 | 505.3 | 505.3 | 504.9 |
| 122.5° | 549.2 | 549.7 | 548.4 | 547.1 | 545.8 | 544.5 | 544.0 | 543.5 | 542.9 | 542.4 | 541.9 |
| 125° | 603.5 | 604.2 | 603.5 | 602.8 | 602.1 | 601.5 | 600.8 | 600.1 | 599.4 | 598.7 | 598.2 |
| 127.5° | 659.0 | 659.9 | 659.1 | 658.3 | 657.5 | 656.7 | 655.8 | 655.0 | 654.2 | 653.4 | 652.6 |
| 130° | 694.1 | 695.3 | 694.9 | 694.4 | 694.0 | 693.5 | 693.1 | 692.6 | 692.2 | 691.7 | 690.9 |
| 132.5° | 729.5 | 730.7 | 730.8 | 730.9 | 731.0 | 731.1 | 730.1 | 729.1 | 728.1 | 727.1 | 726.3 |
| 135° | 780.2 | 781.6 | 782.1 | 782.5 | 783.0 | 783.5 | 783.3 | 783.0 | 782.8 | 782.5 | 782.1 |
| 137.5° | 831.3 | 832.7 | 833.2 | 833.8 | 834.5 | 835.1 | 834.9 | 834.7 | 834.6 | 834.4 | 833.7 |
| 140° | 863.2 | 864.8 | 866.1 | 867.2 | 868.3 | 869.4 | 869.4 | 869.4 | 869.4 | 869.4 | 869.0 |
| 142.5° | 896.1 | 897.5 | 898.2 | 899.0 | 899.8 | 900.5 | 900.7 | 900.9 | 901.1 | 901.2 | 900.9 |
| 145° | 941.3 | 942.7 | 944.1 | 945.4 | 946.8 | 948.2 | 948.4 | 948.7 | 948.9 | 949.1 | 948.8 |
| 147.5° | 984.4 | 985.8 | 986.7 | 987.6 | 988.6 | 989.5 | 990.0 | 990.5 | 991.0 | 991.5 | 991.3 |
| 150° | 1010.9 | 1012.1 | 1013.0 | 1013.9 | 1014.8 | 1015.7 | 1016.3 | 1017.0 | 1017.7 | 1018.4 | 1018.4 |
| 152.5° | 1036.3 | 1037.5 | 1038.6 | 1039.7 | 1040.8 | 1041.9 | 1042.7 | 1043.6 | 1044.5 | 1045.3 | 1045.3 |
| 155° | 1071.6 | 1072.3 | 1073.0 | 1073.7 | 1074.3 | 1075.0 | 1076.1 | 1077.3 | 1078.4 | 1079.5 | 1079.7 |
| 157.5° | 1103.2 | 1103.7 | 1104.1 | 1104.5 | 1104.9 | 1105.3 | 1106.8 | 1108.4 | 1109.9 | 1111.5 | 1111.7 |
| 160° | 1122.9 | 1123.2 | 1123.5 | 1123.7 | 1123.9 | 1124.1 | 1125.5 | 1126.8 | 1128.2 | 1129.5 | 1129.8 |
| 162.5° | 1139.4 | 1139.5 | 1139.8 | 1140.0 | 1140.2 | 1140.4 | 1142.1 | 1143.6 | 1145.1 | 1146.7 | 1146.9 |
| 165° | 1162.1 | 1162.0 | 1162.0 | 1162.0 | 1162.0 | 1162.0 | 1163.6 | 1165.2 | 1166.7 | 1168.3 | 1168.5 |
| 167.5° | 1180.3 | 1179.9 | 1179.9 | 1179.8 | 1179.8 | 1179.7 | 1181.3 | 1183.0 | 1184.6 | 1186.1 | 1186.3 |
| 170° | 1190.9 | 1190.5 | 1190.2 | 1190.0 | 1189.8 | 1189.6 | 1191.1 | 1192.8 | 1194.4 | 1196.0 | 1196.1 |
| 172.5° | 1198.3 | 1197.8 | 1197.6 | 1197.4 | 1197.2 | 1196.9 | 1198.5 | 1200.1 | 1201.7 | 1203.3 | 1203.5 |
| 175° | 1207.3 | 1206.7 | 1206.3 | 1205.8 | 1205.4 | 1204.9 | 1206.5 | 1208.1 | 1209.7 | 1211.2 | 1211.4 |
| 177.5° | 1211.5 | 1211.0 | 1210.7 | 1210.3 | 1210.0 | 1209.6 | 1210.7 | 1211.8 | 1212.8 | 1214.0 | 1214.0 |
| 180° | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 |
| 2.5° | 941.2 | 940.6 | 940.6 | 937.9 | 940.6 | 940.6 | 941.2 | 944.2 | 945.1 | 945.7 | 944.5 |
| 5° | 873.1 | 871.9 | 870.1 | 871.9 | 870.1 | 871.9 | 873.1 | 878.4 | 881.0 | 883.6 | 886.0 |
| 7.5° | 805.8 | 801.2 | 800.5 | 796.1 | 800.5 | 801.2 | 805.8 | 808.2 | 813.4 | 819.4 | 824.9 |
| 10° | 756.6 | 753.6 | 753.2 | 746.0 | 753.2 | 753.6 | 756.6 | 763.0 | 768.2 | 775.4 | 782.9 |
| 12.5° | 719.1 | 711.9 | 713.4 | 709.2 | 713.4 | 711.9 | 719.1 | 719.2 | 725.4 | 729.8 | 741.6 |
| 15° | 654.3 | 654.3 | 652.9 | 646.4 | 652.9 | 654.3 | 654.3 | 664.5 | 666.4 | 673.6 | 683.8 |
| 17.5° | 607.8 | 607.0 | 603.4 | 605.2 | 603.4 | 607.0 | 607.8 | 615.3 | 616.5 | 626.1 | 634.5 |
| 20° | 580.1 | 577.7 | 573.3 | 573.3 | 573.3 | 577.7 | 580.1 | 584.2 | 589.1 | 594.7 | 601.9 |
| 22.5° | 553.8 | 553.6 | 548.9 | 550.4 | 548.9 | 553.6 | 553.8 | 557.6 | 562.3 | 568.6 | 574.5 |
| 25° | 523.1 | 520.1 | 517.9 | 519.0 | 517.9 | 520.1 | 523.1 | 523.5 | 528.8 | 532.9 | 536.6 |
| 27.5° | 494.0 | 492.3 | 492.2 | 489.1 | 492.2 | 492.3 | 494.0 | 494.9 | 498.0 | 500.4 | 503.9 |
| 30° | 477.1 | 473.3 | 474.0 | 472.2 | 474.0 | 473.3 | 477.1 | 477.5 | 479.0 | 480.5 | 484.6 |
| 32.5° | 457.8 | 456.5 | 455.7 | 454.0 | 455.7 | 456.5 | 457.8 | 458.5 | 461.5 | 463.0 | 466.3 |
| 35° | 431.4 | 431.8 | 429.9 | 430.7 | 429.9 | 431.8 | 431.4 | 432.2 | 432.6 | 434.1 | 437.1 |
| 37.5° | 408.5 | 409.7 | 408.8 | 409.0 | 408.8 | 409.7 | 408.5 | 408.8 | 409.2 | 409.4 | 410.3 |
| 40° | 393.3 | 393.3 | 393.3 | 394.5 | 393.3 | 393.3 | 393.3 | 392.2 | 392.6 | 392.2 | 392.2 |
| 42.5° | 378.9 | 378.3 | 377.7 | 377.6 | 377.7 | 378.3 | 378.9 | 376.3 | 377.5 | 376.3 | 375.7 |
| 45° | 354.2 | 355.3 | 355.7 | 353.8 | 355.7 | 355.3 | 354.2 | 353.4 | 352.2 | 351.8 | 351.5 |
| 47.5° | 331.7 | 331.8 | 331.7 | 333.4 | 331.7 | 331.8 | 331.7 | 330.7 | 329.0 | 328.3 | 326.5 |
| 50° | 316.1 | 315.3 | 316.1 | 315.3 | 316.1 | 315.3 | 316.1 | 314.2 | 313.1 | 311.1 | 309.6 |
| 52.5° | 299.4 | 299.6 | 299.1 | 299.0 | 299.1 | 299.6 | 299.4 | 297.0 | 296.4 | 295.8 | 293.4 |
| 55° | 273.5 | 274.2 | 273.8 | 273.8 | 273.8 | 274.2 | 273.5 | 272.0 | 271.6 | 269.2 | 267.0 |
| 57.5° | 246.5 | 247.2 | 247.7 | 246.0 | 247.7 | 247.2 | 246.5 | 246.3 | 246.0 | 243.7 | 241.3 |
| 60° | 227.8 | 229.6 | 229.3 | 228.5 | 229.3 | 229.6 | 227.8 | 228.1 | 227.0 | 225.5 | 224.0 |
| 62.5° | 210.6 | 211.3 | 211.2 | 211.1 | 211.2 | 211.3 | 210.6 | 208.8 | 208.3 | 206.8 | 205.3 |
| 65° | 184.0 | 184.8 | 183.7 | 184.8 | 183.7 | 184.8 | 184.0 | 182.9 | 180.3 | 179.6 | 178.0 |
| 67.5° | 155.4 | 155.7 | 156.5 | 157.0 | 156.5 | 155.7 | 155.4 | 155.9 | 154.2 | 152.8 | 152.5 |
| 70° | 137.6 | 137.2 | 138.5 | 139.6 | 138.5 | 137.2 | 137.6 | 136.9 | 135.7 | 134.6 | 133.1 |
| 72.5° | 119.0 | 119.8 | 119.4 | 120.3 | 119.4 | 119.8 | 119.0 | 119.1 | 118.0 | 116.5 | 115.0 |
| 75° | 91.7 | 92.8 | 92.4 | 93.5 | 92.4 | 92.8 | 91.7 | 92.4 | 91.7 | 90.2 | 88.7 |
| 77.5° | 66.2 | 66.3 | 66.2 | 66.9 | 66.2 | 66.3 | 66.2 | 66.9 | 66.0 | 66.6 | 64.8 |
| 80° | 50.5 | 49.8 | 49.0 | 50.5 | 49.0 | 49.8 | 50.5 | 50.5 | 49.4 | 50.5 | 49.4 |
| 82.5° | 35.1 | 35.6 | 34.8 | 34.8 | 34.8 | 35.6 | 35.1 | 36.1 | 35.5 | 36.1 | 34.9 |
| 85° | 16.3 | 15.9 | 15.0 | 15.0 | 15.0 | 15.9 | 16.3 | 16.3 | 17.4 | 16.6 | 16.6 |
| 87.5° | 9.8 | 9.6 | 9.6 | 9.4 | 9.6 | 9.6 | 9.8 | 9.8 | 9.8 | 10.5 | 10.6 |
| 90° | 34.1 | 34.3 | 34.5 | 34.7 | 34.5 | 34.3 | 34.1 | 33.8 | 33.9 | 34.4 | 34.8 |
| 92.5° | 33.0 | 33.0 | 33.1 | 33.1 | 33.1 | 33.0 | 33.0 | 32.9 | 32.9 | 32.8 | 32.7 |
| 95° | 64.7 | 64.3 | 63.8 | 63.4 | 63.8 | 64.3 | 64.7 | 65.2 | 65.4 | 65.4 | 65.4 |
| 97.5° | 110.0 | 110.0 | 109.9 | 109.9 | 109.9 | 110.0 | 110.0 | 110.1 | 110.1 | 110.1 | 110.1 |
| 100° | 140.8 | 140.6 | 140.4 | 140.2 | 140.4 | 140.6 | 140.8 | 141.1 | 141.2 | 141.2 | 141.2 |
| 102.5° | 175.2 | 174.9 | 174.7 | 174.5 | 174.7 | 174.9 | 175.2 | 175.4 | 175.4 | 175.2 | 175.1 |
| 105° | 227.1 | 227.1 | 227.1 | 227.1 | 227.1 | 227.1 | 227.1 | 227.1 | 226.8 | 226.4 | 225.9 |
| 107.5° | 279.7 | 278.6 | 277.6 | 276.6 | 277.6 | 278.6 | 279.7 | 280.7 | 281.1 | 281.0 | 280.8 |
| 110° | 317.1 | 316.4 | 315.7 | 315.1 | 315.7 | 316.4 | 317.1 | 317.8 | 318.1 | 318.1 | 318.1 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 353.4 | 352.8 | 352.3 | 351.8 | 352.3 | 352.8 | 353.4 | 353.9 | 354.4 | 355.0 | 355.5 |
| 115° | 411.2 | 410.5 | 409.8 | 409.1 | 409.8 | 410.5 | 411.2 | 411.8 | 412.3 | 412.5 | 412.7 |
| 117.5° | 465.9 | 465.1 | 464.4 | 463.7 | 464.4 | 465.1 | 465.9 | 466.5 | 467.1 | 467.7 | 468.2 |
| 120° | 504.2 | 503.6 | 502.9 | 502.2 | 502.9 | 503.6 | 504.2 | 504.9 | 505.3 | 505.3 | 505.3 |
| 122.5° | 541.4 | 540.9 | 540.4 | 539.9 | 540.4 | 540.9 | 541.4 | 541.9 | 542.4 | 542.9 | 543.5 |
| 125° | 598.0 | 597.8 | 597.5 | 597.3 | 597.5 | 597.8 | 598.0 | 598.2 | 598.7 | 599.4 | 600.1 |
| 127.5° | 651.9 | 651.2 | 650.5 | 649.7 | 650.5 | 651.2 | 651.9 | 652.6 | 653.4 | 654.2 | 655.0 |
| 130° | 690.0 | 689.1 | 688.2 | 687.3 | 688.2 | 689.1 | 690.0 | 690.9 | 691.7 | 692.2 | 692.6 |
| 132.5° | 725.6 | 724.8 | 724.1 | 723.4 | 724.1 | 724.8 | 725.6 | 726.3 | 727.1 | 728.1 | 729.1 |
| 135° | 781.4 | 780.7 | 780.1 | 779.4 | 780.1 | 780.7 | 781.4 | 782.1 | 782.5 | 782.8 | 783.0 |
| 137.5° | 832.8 | 831.9 | 831.0 | 830.1 | 831.0 | 831.9 | 832.8 | 833.7 | 834.4 | 834.6 | 834.7 |
| 140° | 868.1 | 867.2 | 866.3 | 865.4 | 866.3 | 867.2 | 868.1 | 869.0 | 869.4 | 869.4 | 869.4 |
| 142.5° | 900.0 | 899.1 | 898.2 | 897.3 | 898.2 | 899.1 | 900.0 | 900.9 | 901.2 | 901.1 | 900.9 |
| 145° | 947.9 | 947.0 | 946.0 | 945.1 | 946.0 | 947.0 | 947.9 | 948.8 | 949.1 | 948.9 | 948.7 |
| 147.5° | 990.5 | 989.6 | 988.8 | 987.8 | 988.8 | 989.6 | 990.5 | 991.3 | 991.5 | 991.0 | 990.5 |
| 150° | 1017.7 | 1017.0 | 1016.3 | 1015.7 | 1016.3 | 1017.0 | 1017.7 | 1018.4 | 1018.4 | 1017.7 | 1017.0 |
| 152.5° | 1044.5 | 1043.6 | 1042.7 | 1041.9 | 1042.7 | 1043.6 | 1044.5 | 1045.3 | 1045.3 | 1044.5 | 1043.6 |
| 155° | 1079.1 | 1078.4 | 1077.7 | 1077.0 | 1077.7 | 1078.4 | 1079.1 | 1079.7 | 1079.5 | 1078.4 | 1077.3 |
| 157.5° | 1110.6 | 1109.5 | 1108.4 | 1107.3 | 1108.4 | 1109.5 | 1110.6 | 1111.7 | 1111.5 | 1109.9 | 1108.4 |
| 160° | 1128.9 | 1128.0 | 1127.1 | 1126.2 | 1127.1 | 1128.0 | 1128.9 | 1129.8 | 1129.5 | 1128.2 | 1126.8 |
| 162.5° | 1145.8 | 1144.7 | 1143.6 | 1142.6 | 1143.6 | 1144.7 | 1145.8 | 1146.9 | 1146.7 | 1145.1 | 1143.6 |
| 165° | 1167.4 | 1166.3 | 1165.2 | 1164.0 | 1165.2 | 1166.3 | 1167.4 | 1168.5 | 1168.3 | 1166.7 | 1165.2 |
| 167.5° | 1185.2 | 1184.0 | 1182.8 | 1181.6 | 1182.8 | 1184.0 | 1185.2 | 1186.3 | 1186.1 | 1184.6 | 1183.0 |
| 170° | 1194.7 | 1193.4 | 1191.9 | 1190.6 | 1191.9 | 1193.4 | 1194.7 | 1196.1 | 1196.0 | 1194.4 | 1192.8 |
| 172.5° | 1202.0 | 1200.7 | 1199.3 | 1198.0 | 1199.3 | 1200.7 | 1202.0 | 1203.5 | 1203.3 | 1201.7 | 1200.1 |
| 175° | 1210.0 | 1208.7 | 1207.3 | 1206.0 | 1207.3 | 1208.7 | 1210.0 | 1211.4 | 1211.2 | 1209.7 | 1208.1 |
| 177.5° | 1212.8 | 1211.8 | 1210.7 | 1209.6 | 1210.7 | 1211.8 | 1212.8 | 1214.0 | 1214.0 | 1212.8 | 1211.8 |
| 180° | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 |
| 2.5° | 943.0 | 946.3 | 951.5 | 956.8 | 960.2 | 966.5 | 968.4 | 971.4 | 974.1 | 980.4 | 987.0 |
| 5° | 888.6 | 893.8 | 906.3 | 913.0 | 922.5 | 933.4 | 940.6 | 948.2 | 956.4 | 970.8 | 984.0 |
| 7.5° | 830.2 | 839.0 | 854.4 | 867.2 | 880.6 | 896.3 | 907.6 | 922.5 | 934.8 | 955.0 | 974.4 |
| 10° | 791.2 | 803.7 | 817.7 | 832.7 | 851.6 | 868.2 | 884.0 | 902.9 | 918.0 | 942.1 | 964.7 |
| 12.5° | 756.3 | 758.1 | 778.1 | 794.8 | 820.5 | 841.0 | 859.3 | 883.5 | 898.4 | 927.1 | 950.9 |
| 15° | 695.1 | 706.4 | 724.5 | 737.7 | 768.2 | 794.3 | 819.9 | 845.2 | 862.1 | 897.6 | 928.9 |
| 17.5° | 643.6 | 654.0 | 672.6 | 694.2 | 716.1 | 741.9 | 775.2 | 801.8 | 824.9 | 865.4 | 902.4 |
| 20° | 611.0 | 623.8 | 642.7 | 664.9 | 684.2 | 712.5 | 741.0 | 771.6 | 796.5 | 842.1 | 885.6 |
| 22.5° | 583.2 | 593.3 | 608.5 | 630.5 | 651.6 | 677.4 | 708.8 | 742.0 | 768.2 | 817.4 | 861.4 |
| 25° | 544.2 | 552.5 | 562.3 | 580.5 | 604.2 | 632.5 | 657.0 | 693.6 | 731.6 | 777.7 | 830.8 |
| 27.5° | 509.1 | 514.9 | 523.6 | 539.6 | 558.0 | 584.4 | 611.7 | 646.3 | 684.7 | 734.6 | 790.7 |
| 30° | 487.7 | 491.4 | 500.1 | 513.3 | 531.4 | 552.1 | 579.7 | 612.9 | 652.1 | 702.7 | 758.4 |
| 32.5° | 469.0 | 472.4 | 478.1 | 490.7 | 506.3 | 524.1 | 548.9 | 582.1 | 619.5 | 669.1 | 730.9 |
| 35° | 440.9 | 443.5 | 448.4 | 458.6 | 467.3 | 484.6 | 505.3 | 535.5 | 570.6 | 618.1 | 682.3 |
| 37.5° | 412.9 | 416.5 | 419.5 | 423.8 | 434.9 | 446.4 | 464.4 | 489.9 | 524.3 | 572.3 | 633.4 |
| 40° | 394.5 | 397.5 | 402.0 | 403.9 | 412.9 | 423.1 | 437.9 | 461.2 | 495.9 | 539.7 | 599.3 |
| 42.5° | 375.8 | 378.8 | 381.5 | 383.7 | 391.5 | 400.5 | 413.7 | 433.8 | 464.5 | 507.2 | 566.1 |
| 45° | 350.3 | 350.7 | 353.4 | 357.5 | 361.3 | 367.7 | 377.2 | 394.5 | 418.3 | 458.3 | 511.8 |
| 47.5° | 324.6 | 325.0 | 325.5 | 327.3 | 331.4 | 337.2 | 343.5 | 357.6 | 378.9 | 410.8 | 462.9 |
| 50° | 307.4 | 306.6 | 307.4 | 308.9 | 311.5 | 316.4 | 323.6 | 333.8 | 351.1 | 380.9 | 428.8 |
| 52.5° | 290.7 | 290.6 | 290.1 | 290.7 | 292.9 | 296.2 | 301.2 | 309.9 | 325.5 | 352.8 | 395.1 |
| 55° | 265.5 | 263.6 | 264.0 | 262.5 | 265.9 | 266.6 | 270.4 | 277.6 | 291.1 | 310.0 | 349.6 |
| 57.5° | 238.5 | 237.0 | 235.3 | 234.9 | 234.6 | 236.6 | 239.6 | 245.3 | 255.7 | 272.3 | 304.4 |
| 60° | 221.4 | 219.5 | 217.2 | 216.5 | 216.5 | 217.6 | 219.1 | 223.3 | 233.1 | 247.8 | 274.2 |
| 62.5° | 203.9 | 201.7 | 200.4 | 198.3 | 197.7 | 198.9 | 200.5 | 203.4 | 210.5 | 224.3 | 247.0 |
| 65° | 176.9 | 174.2 | 172.4 | 172.0 | 171.3 | 170.1 | 170.9 | 173.9 | 179.6 | 190.5 | 208.5 |
| 67.5° | 149.8 | 147.3 | 146.8 | 144.7 | 143.6 | 143.8 | 143.6 | 146.2 | 149.6 | 159.0 | 172.5 |
| 70° | 132.0 | 130.1 | 129.4 | 127.4 | 126.7 | 125.9 | 125.2 | 127.4 | 130.9 | 138.8 | 150.5 |
| 72.5° | 113.9 | 112.3 | 110.7 | 109.1 | 109.3 | 108.5 | 108.4 | 109.7 | 112.5 | 119.8 | 128.8 |
| 75° | 87.9 | 88.3 | 86.3 | 84.5 | 84.1 | 83.3 | 83.3 | 84.5 | 85.6 | 91.3 | 98.5 |
| 77.5° | 63.7 | 63.4 | 61.8 | 61.2 | 60.9 | 60.1 | 60.9 | 61.6 | 62.2 | 66.0 | 71.3 |
| 80° | 48.7 | 48.7 | 46.8 | 46.8 | 46.4 | 45.2 | 46.4 | 45.6 | 47.2 | 50.9 | 54.7 |
| 82.5° | 34.7 | 34.1 | 34.1 | 33.5 | 33.4 | 32.6 | 33.1 | 33.8 | 34.4 | 37.1 | 39.3 |
| 85° | 17.0 | 17.0 | 16.6 | 16.3 | 16.6 | 16.3 | 16.6 | 17.0 | 17.4 | 18.5 | 20.4 |
| 87.5° | 10.7 | 11.1 | 10.4 | 9.7 | 8.7 | 8.0 | 7.5 | 7.3 | 7.4 | 7.1 | 6.9 |
| 90° | 35.3 | 35.7 | 30.8 | 25.8 | 20.8 | 15.8 | 11.9 | 9.2 | 6.5 | 3.7 | 1.0 |
| 92.5° | 32.6 | 32.5 | 31.3 | 30.2 | 29.0 | 27.8 | 26.3 | 24.2 | 22.2 | 20.2 | 18.2 |
| 95° | 65.4 | 65.4 | 65.0 | 64.5 | 64.1 | 63.6 | 62.3 | 60.0 | 57.8 | 55.4 | 53.2 |
| 97.5° | 110.1 | 110.1 | 109.2 | 108.4 | 107.4 | 106.6 | 105.1 | 103.2 | 101.2 | 99.2 | 97.1 |
| 100° | 141.2 | 141.2 | 140.5 | 139.8 | 139.1 | 138.5 | 137.1 | 135.3 | 133.5 | 131.7 | 129.9 |
| 102.5° | 174.9 | 174.7 | 173.8 | 173.0 | 172.1 | 171.3 | 170.1 | 168.6 | 167.1 | 165.7 | 164.3 |
| 105° | 225.5 | 225.0 | 224.6 | 224.1 | 223.7 | 223.2 | 222.7 | 222.0 | 221.3 | 220.6 | 219.9 |
| 107.5° | 280.6 | 280.4 | 280.4 | 280.4 | 280.4 | 280.4 | 279.9 | 278.9 | 277.9 | 277.0 | 276.0 |
| 110° | 318.1 | 318.1 | 318.1 | 318.1 | 318.1 | 318.1 | 317.4 | 316.1 | 314.7 | 313.4 | 311.9 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 356.0 | 356.6 | 356.8 | 356.9 | 357.1 | 357.3 | 356.7 | 355.4 | 354.0 | 352.6 | 351.2 |
| 115° | 413.0 | 413.2 | 413.6 | 414.1 | 414.5 | 415.1 | 414.5 | 413.2 | 411.8 | 410.5 | 409.1 |
| 117.5° | 468.8 | 469.3 | 470.6 | 471.8 | 473.1 | 474.3 | 474.1 | 472.3 | 470.5 | 468.7 | 466.9 |
| 120° | 505.3 | 505.3 | 507.2 | 509.0 | 510.8 | 512.6 | 512.6 | 510.8 | 509.0 | 507.2 | 505.3 |
| 122.5° | 544.0 | 544.5 | 545.8 | 547.1 | 548.4 | 549.7 | 549.2 | 547.0 | 544.8 | 542.7 | 540.5 |
| 125° | 600.8 | 601.5 | 602.1 | 602.8 | 603.5 | 604.2 | 603.5 | 601.5 | 599.4 | 597.3 | 595.3 |
| 127.5° | 655.8 | 656.7 | 657.5 | 658.3 | 659.1 | 659.9 | 659.0 | 656.5 | 653.9 | 651.3 | 648.7 |
| 130° | 693.1 | 693.5 | 694.0 | 694.4 | 694.9 | 695.3 | 694.1 | 691.2 | 688.1 | 685.2 | 682.3 |
| 132.5° | 730.1 | 731.1 | 731.0 | 730.9 | 730.8 | 730.7 | 729.5 | 727.1 | 724.7 | 722.3 | 719.8 |
| 135° | 783.3 | 783.5 | 783.0 | 782.5 | 782.1 | 781.6 | 780.2 | 777.7 | 775.2 | 772.7 | 770.2 |
| 137.5° | 834.9 | 835.1 | 834.5 | 833.8 | 833.2 | 832.7 | 831.3 | 829.3 | 827.3 | 825.3 | 823.1 |
| 140° | 869.4 | 869.4 | 868.3 | 867.2 | 866.1 | 864.8 | 863.2 | 861.2 | 859.2 | 857.2 | 855.1 |
| 142.5° | 900.7 | 900.5 | 899.8 | 899.0 | 898.2 | 897.5 | 896.1 | 893.9 | 891.9 | 889.9 | 887.9 |
| 145° | 948.4 | 948.2 | 946.8 | 945.4 | 944.1 | 942.7 | 941.3 | 939.7 | 938.1 | 936.4 | 934.8 |
| 147.5° | 990.0 | 989.5 | 988.6 | 987.6 | 986.7 | 985.8 | 984.4 | 982.5 | 980.7 | 978.8 | 976.8 |
| 150° | 1016.3 | 1015.7 | 1014.8 | 1013.9 | 1013.0 | 1012.1 | 1010.9 | 1009.6 | 1008.1 | 1006.8 | 1005.4 |
| 152.5° | 1042.7 | 1041.9 | 1040.8 | 1039.7 | 1038.6 | 1037.5 | 1036.3 | 1034.9 | 1033.6 | 1032.2 | 1030.9 |
| 155° | 1076.1 | 1075.0 | 1074.3 | 1073.7 | 1073.0 | 1072.3 | 1071.6 | 1071.0 | 1070.3 | 1069.5 | 1068.8 |
| 157.5° | 1106.8 | 1105.3 | 1104.9 | 1104.5 | 1104.1 | 1103.7 | 1103.2 | 1102.8 | 1102.3 | 1101.9 | 1101.4 |
| 160° | 1125.5 | 1124.1 | 1123.9 | 1123.7 | 1123.5 | 1123.2 | 1122.9 | 1122.4 | 1122.0 | 1121.5 | 1121.1 |
| 162.5° | 1142.1 | 1140.4 | 1140.2 | 1140.0 | 1139.8 | 1139.5 | 1139.4 | 1139.3 | 1139.2 | 1139.1 | 1139.0 |
| 165° | 1163.6 | 1162.0 | 1162.0 | 1162.0 | 1162.0 | 1162.0 | 1162.1 | 1162.3 | 1162.6 | 1162.8 | 1163.0 |
| 167.5° | 1181.3 | 1179.7 | 1179.8 | 1179.8 | 1179.9 | 1179.9 | 1180.3 | 1180.9 | 1181.6 | 1182.3 | 1183.1 |
| 170° | 1191.1 | 1189.6 | 1189.8 | 1190.0 | 1190.2 | 1190.5 | 1190.9 | 1191.6 | 1192.3 | 1193.0 | 1193.7 |
| 172.5° | 1198.5 | 1196.9 | 1197.2 | 1197.4 | 1197.6 | 1197.8 | 1198.3 | 1199.0 | 1199.6 | 1200.3 | 1201.0 |
| 175° | 1206.5 | 1204.9 | 1205.4 | 1205.8 | 1206.3 | 1206.7 | 1207.3 | 1208.0 | 1208.7 | 1209.3 | 1210.0 |
| 177.5° | 1210.7 | 1209.6 | 1210.0 | 1210.3 | 1210.7 | 1211.0 | 1211.5 | 1212.0 | 1212.6 | 1213.2 | 1213.8 |
| 180° | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 |
| 2.5° | 986.4 | 988.0 | 992.8 | 997.6 | 1003.0 | 1004.5 | 1006.9 | 1004.8 | 1004.2 | 1010.0 | 1014.2 |
| 5° | 989.3 | 996.0 | 1009.3 | 1021.3 | 1031.5 | 1038.6 | 1046.2 | 1049.2 | 1054.9 | 1062.8 | 1072.6 |
| 7.5° | 986.0 | 999.3 | 1020.1 | 1037.6 | 1056.7 | 1070.6 | 1081.4 | 1090.6 | 1101.7 | 1116.7 | 1133.1 |
| 10° | 982.5 | 1000.2 | 1025.4 | 1046.9 | 1070.4 | 1088.0 | 1102.8 | 1117.1 | 1133.7 | 1154.5 | 1175.9 |
| 12.5° | 975.8 | 996.8 | 1028.4 | 1053.9 | 1083.9 | 1101.4 | 1121.2 | 1152.1 | 1169.9 | 1198.8 | 1229.0 |
| 15° | 962.5 | 985.8 | 1030.0 | 1061.3 | 1095.2 | 1128.4 | 1165.0 | 1194.4 | 1223.9 | 1240.8 | 1283.4 |
| 17.5° | 942.6 | 976.9 | 1025.8 | 1062.4 | 1105.5 | 1157.7 | 1198.8 | 1232.2 | 1266.2 | 1293.6 | 1315.0 |
| 20° | 926.7 | 964.0 | 1019.8 | 1063.6 | 1114.8 | 1171.0 | 1218.2 | 1252.1 | 1281.5 | 1304.5 | 1317.8 |
| 22.5° | 906.5 | 953.4 | 1007.7 | 1059.0 | 1124.5 | 1180.1 | 1229.6 | 1256.4 | 1280.9 | 1292.1 | 1297.2 |
| 25° | 874.5 | 931.2 | 992.6 | 1055.2 | 1129.1 | 1188.0 | 1233.2 | 1249.5 | 1256.7 | 1245.7 | 1227.6 |
| 27.5° | 840.3 | 903.3 | 975.2 | 1048.1 | 1126.3 | 1182.9 | 1215.3 | 1212.7 | 1200.6 | 1165.2 | 1136.9 |
| 30° | 814.7 | 884.0 | 961.3 | 1040.9 | 1119.3 | 1174.4 | 1193.3 | 1174.4 | 1146.9 | 1107.3 | 1066.9 |
| 32.5° | 787.8 | 859.6 | 946.5 | 1030.7 | 1106.7 | 1155.1 | 1159.2 | 1126.7 | 1084.1 | 1039.2 | 988.8 |
| 35° | 747.1 | 824.9 | 918.7 | 1007.7 | 1079.7 | 1110.3 | 1092.2 | 1034.9 | 984.3 | 922.9 | 854.2 |
| 37.5° | 701.1 | 787.0 | 881.1 | 974.1 | 1039.5 | 1047.4 | 1002.5 | 942.1 | 870.8 | 798.6 | 717.8 |
| 40° | 666.8 | 757.7 | 854.6 | 948.5 | 1006.2 | 997.9 | 940.6 | 874.2 | 789.3 | 701.1 | 626.0 |
| 42.5° | 636.0 | 726.9 | 825.7 | 917.8 | 964.0 | 941.2 | 874.2 | 792.7 | 701.6 | 618.4 | 549.8 |
| 45° | 582.7 | 676.2 | 777.3 | 866.3 | 892.7 | 851.6 | 763.0 | 672.5 | 582.7 | 513.3 | 459.0 |
| 47.5° | 531.0 | 623.4 | 723.5 | 801.7 | 811.1 | 755.8 | 658.9 | 565.8 | 488.7 | 432.1 | 393.8 |
| 50° | 492.9 | 585.7 | 684.9 | 754.7 | 751.6 | 684.9 | 585.3 | 496.7 | 432.2 | 386.6 | 360.9 |
| 52.5° | 458.8 | 546.4 | 641.8 | 705.2 | 689.2 | 616.4 | 521.4 | 442.7 | 389.7 | 354.0 | 330.7 |
| 55° | 405.8 | 486.9 | 577.4 | 628.3 | 599.0 | 518.2 | 437.9 | 374.5 | 335.3 | 308.5 | 290.4 |
| 57.5° | 353.1 | 429.2 | 506.6 | 538.1 | 505.5 | 431.0 | 364.1 | 318.1 | 288.6 | 268.7 | 257.0 |
| 60° | 320.5 | 387.0 | 456.0 | 483.1 | 444.2 | 377.9 | 325.1 | 284.0 | 260.2 | 244.0 | 233.5 |
| 62.5° | 288.0 | 347.4 | 412.5 | 427.3 | 391.7 | 335.7 | 288.9 | 254.7 | 235.2 | 220.8 | 210.9 |
| 65° | 243.7 | 292.3 | 341.7 | 351.5 | 318.7 | 275.3 | 238.3 | 216.1 | 198.7 | 188.2 | 180.3 |
| 67.5° | 199.9 | 238.8 | 273.9 | 281.8 | 253.1 | 223.0 | 196.2 | 176.9 | 165.1 | 156.3 | 149.7 |
| 70° | 173.9 | 204.8 | 233.5 | 239.8 | 216.8 | 190.1 | 169.8 | 154.2 | 143.7 | 136.1 | 129.8 |
| 72.5° | 146.4 | 172.2 | 196.0 | 200.4 | 181.6 | 161.1 | 144.4 | 132.2 | 122.9 | 118.1 | 111.9 |
| 75° | 112.0 | 127.1 | 145.6 | 146.7 | 134.3 | 121.8 | 109.0 | 101.1 | 96.1 | 90.2 | 87.2 |
| 77.5° | 79.1 | 90.9 | 101.5 | 103.5 | 96.1 | 87.7 | 80.5 | 74.2 | 70.1 | 67.3 | 64.5 |
| 80° | 60.4 | 69.8 | 74.3 | 77.0 | 71.7 | 65.6 | 61.5 | 57.4 | 54.7 | 52.8 | 50.9 |
| 82.5° | 43.1 | 49.0 | 53.2 | 55.2 | 52.3 | 48.8 | 44.5 | 42.2 | 40.2 | 38.6 | 38.0 |
| 85° | 21.9 | 24.5 | 27.2 | 27.9 | 27.2 | 25.7 | 23.4 | 23.4 | 22.2 | 21.9 | 21.9 |
| 87.5° | 8.3 | 10.0 | 10.6 | 12.0 | 12.2 | 13.2 | 14.2 | 14.9 | 15.7 | 15.2 | 14.8 |
| 90° | 3.7 | 6.5 | 9.2 | 11.9 | 15.8 | 20.8 | 25.8 | 30.8 | 35.7 | 35.3 | 34.8 |
| 92.5° | 20.2 | 22.2 | 24.2 | 26.3 | 27.8 | 29.0 | 30.2 | 31.3 | 32.5 | 32.6 | 32.7 |
| 95° | 55.4 | 57.8 | 60.0 | 62.3 | 63.6 | 64.1 | 64.5 | 65.0 | 65.4 | 65.4 | 65.4 |
| 97.5° | 99.2 | 101.2 | 103.2 | 105.1 | 106.6 | 107.4 | 108.4 | 109.2 | 110.1 | 110.1 | 110.1 |
| 100° | 131.7 | 133.5 | 135.3 | 137.1 | 138.5 | 139.1 | 139.8 | 140.5 | 141.2 | 141.2 | 141.2 |
| 102.5° | 165.7 | 167.1 | 168.6 | 170.1 | 171.3 | 172.1 | 173.0 | 173.8 | 174.7 | 174.9 | 175.1 |
| 105° | 220.6 | 221.3 | 222.0 | 222.7 | 223.2 | 223.7 | 224.1 | 224.6 | 225.0 | 225.5 | 225.9 |
| 107.5° | 277.0 | 277.9 | 278.9 | 279.9 | 280.4 | 280.4 | 280.4 | 280.4 | 280.4 | 280.6 | 280.8 |
| 110° | 313.4 | 314.7 | 316.1 | 317.4 | 318.1 | 318.1 | 318.1 | 318.1 | 318.1 | 318.1 | 318.1 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 352.6 | 354.0 | 355.4 | 356.7 | 357.3 | 357.1 | 356.9 | 356.8 | 356.6 | 356.0 | 355.5 |
| 115° | 410.5 | 411.8 | 413.2 | 414.5 | 415.1 | 414.5 | 414.1 | 413.6 | 413.2 | 413.0 | 412.7 |
| 117.5° | 468.7 | 470.5 | 472.3 | 474.1 | 474.3 | 473.1 | 471.8 | 470.6 | 469.3 | 468.8 | 468.2 |
| 120° | 507.2 | 509.0 | 510.8 | 512.6 | 512.6 | 510.8 | 509.0 | 507.2 | 505.3 | 505.3 | 505.3 |
| 122.5° | 542.7 | 544.8 | 547.0 | 549.2 | 549.7 | 548.4 | 547.1 | 545.8 | 544.5 | 544.0 | 543.5 |
| 125° | 597.3 | 599.4 | 601.5 | 603.5 | 604.2 | 603.5 | 602.8 | 602.1 | 601.5 | 600.8 | 600.1 |
| 127.5° | 651.3 | 653.9 | 656.5 | 659.0 | 659.9 | 659.1 | 658.3 | 657.5 | 656.7 | 655.8 | 655.0 |
| 130° | 685.2 | 688.1 | 691.2 | 694.1 | 695.3 | 694.9 | 694.4 | 694.0 | 693.5 | 693.1 | 692.6 |
| 132.5° | 722.3 | 724.7 | 727.1 | 729.5 | 730.7 | 730.8 | 730.9 | 731.0 | 731.1 | 730.1 | 729.1 |
| 135° | 772.7 | 775.2 | 777.7 | 780.2 | 781.6 | 782.1 | 782.5 | 783.0 | 783.5 | 783.3 | 783.0 |
| 137.5° | 825.3 | 827.3 | 829.3 | 831.3 | 832.7 | 833.2 | 833.8 | 834.5 | 835.1 | 834.9 | 834.7 |
| 140° | 857.2 | 859.2 | 861.2 | 863.2 | 864.8 | 866.1 | 867.2 | 868.3 | 869.4 | 869.4 | 869.4 |
| 142.5° | 889.9 | 891.9 | 893.9 | 896.1 | 897.5 | 898.2 | 899.0 | 899.8 | 900.5 | 900.7 | 900.9 |
| 145° | 936.4 | 938.1 | 939.7 | 941.3 | 942.7 | 944.1 | 945.4 | 946.8 | 948.2 | 948.4 | 948.7 |
| 147.5° | 978.8 | 980.7 | 982.5 | 984.4 | 985.8 | 986.7 | 987.6 | 988.6 | 989.5 | 990.0 | 990.5 |
| 150° | 1006.8 | 1008.1 | 1009.6 | 1010.9 | 1012.1 | 1013.0 | 1013.9 | 1014.8 | 1015.7 | 1016.3 | 1017.0 |
| 152.5° | 1032.2 | 1033.6 | 1034.9 | 1036.3 | 1037.5 | 1038.6 | 1039.7 | 1040.8 | 1041.9 | 1042.7 | 1043.6 |
| 155° | 1069.5 | 1070.3 | 1071.0 | 1071.6 | 1072.3 | 1073.0 | 1073.7 | 1074.3 | 1075.0 | 1076.1 | 1077.3 |
| 157.5° | 1101.9 | 1102.3 | 1102.8 | 1103.2 | 1103.7 | 1104.1 | 1104.5 | 1104.9 | 1105.3 | 1106.8 | 1108.4 |
| 160° | 1121.5 | 1122.0 | 1122.4 | 1122.9 | 1123.2 | 1123.5 | 1123.7 | 1123.9 | 1124.1 | 1125.5 | 1126.8 |
| 162.5° | 1139.1 | 1139.2 | 1139.3 | 1139.4 | 1139.5 | 1139.8 | 1140.0 | 1140.2 | 1140.4 | 1142.1 | 1143.6 |
| 165° | 1162.8 | 1162.6 | 1162.3 | 1162.1 | 1162.0 | 1162.0 | 1162.0 | 1162.0 | 1162.0 | 1163.6 | 1165.2 |
| 167.5° | 1182.3 | 1181.6 | 1180.9 | 1180.3 | 1179.9 | 1179.9 | 1179.8 | 1179.8 | 1179.7 | 1181.3 | 1183.0 |
| 170° | 1193.0 | 1192.3 | 1191.6 | 1190.9 | 1190.5 | 1190.2 | 1190.0 | 1189.8 | 1189.6 | 1191.1 | 1192.8 |
| 172.5° | 1200.3 | 1199.6 | 1199.0 | 1198.3 | 1197.8 | 1197.6 | 1197.4 | 1197.2 | 1196.9 | 1198.5 | 1200.1 |
| 175° | 1209.3 | 1208.7 | 1208.0 | 1207.3 | 1206.7 | 1206.3 | 1205.8 | 1205.4 | 1204.9 | 1206.5 | 1208.1 |
| 177.5° | 1213.2 | 1212.6 | 1212.0 | 1211.5 | 1211.0 | 1210.7 | 1210.3 | 1210.0 | 1209.6 | 1210.7 | 1211.8 |
| 180° | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 | 981.3 |
| 2.5° | 1017.8 | 1022.1 | 1022.1 | 1022.7 | 1027.4 | 1026.9 | 1026.6 |
| 5° | 1083.2 | 1089.5 | 1090.4 | 1097.1 | 1101.7 | 1100.1 | 1096.0 |
| 7.5° | 1144.8 | 1156.7 | 1165.8 | 1170.8 | 1176.8 | 1180.4 | 1178.8 |
| 10° | 1193.7 | 1211.0 | 1221.5 | 1228.7 | 1237.4 | 1243.9 | 1241.5 |
| 12.5° | 1238.0 | 1258.7 | 1273.1 | 1285.5 | 1286.6 | 1294.8 | 1289.2 |
| 15° | 1307.2 | 1329.1 | 1331.3 | 1340.4 | 1347.6 | 1346.8 | 1347.2 |
| 17.5° | 1330.0 | 1337.1 | 1338.5 | 1338.7 | 1338.8 | 1336.2 | 1330.4 |
| 20° | 1321.9 | 1319.3 | 1312.8 | 1308.0 | 1299.3 | 1298.1 | 1290.6 |
| 22.5° | 1283.2 | 1274.9 | 1258.8 | 1248.2 | 1234.7 | 1231.1 | 1229.0 |
| 25° | 1207.2 | 1188.7 | 1163.1 | 1138.6 | 1131.8 | 1118.6 | 1122.4 |
| 27.5° | 1102.9 | 1074.1 | 1046.3 | 1026.4 | 1008.5 | 988.7 | 994.3 |
| 30° | 1029.6 | 997.1 | 958.0 | 927.8 | 908.6 | 889.7 | 886.3 |
| 32.5° | 942.1 | 894.5 | 850.8 | 824.3 | 794.8 | 782.8 | 769.8 |
| 35° | 791.2 | 744.9 | 701.5 | 664.2 | 642.7 | 626.0 | 611.0 |
| 37.5° | 655.5 | 602.2 | 567.1 | 536.9 | 521.4 | 511.9 | 514.2 |
| 40° | 571.4 | 524.6 | 499.0 | 475.9 | 461.6 | 454.8 | 456.4 |
| 42.5° | 503.2 | 468.2 | 447.1 | 431.3 | 421.2 | 417.4 | 416.5 |
| 45° | 425.8 | 406.2 | 388.8 | 379.8 | 374.9 | 370.7 | 368.1 |
| 47.5° | 373.0 | 357.0 | 347.2 | 341.8 | 337.5 | 333.4 | 333.3 |
| 50° | 341.3 | 330.7 | 324.0 | 318.3 | 314.9 | 311.8 | 314.6 |
| 52.5° | 317.2 | 307.5 | 300.7 | 295.7 | 294.4 | 291.6 | 291.6 |
| 55° | 281.3 | 273.8 | 268.9 | 264.4 | 262.2 | 260.6 | 258.7 |
| 57.5° | 248.7 | 241.6 | 237.1 | 234.2 | 229.9 | 228.4 | 227.8 |
| 60° | 225.5 | 219.8 | 215.3 | 211.6 | 209.6 | 206.7 | 206.7 |
| 62.5° | 204.1 | 198.4 | 194.2 | 191.4 | 188.2 | 187.0 | 187.3 |
| 65° | 173.1 | 168.5 | 164.4 | 161.4 | 160.7 | 158.4 | 159.2 |
| 67.5° | 144.6 | 141.6 | 137.2 | 135.5 | 134.1 | 132.9 | 132.0 |
| 70° | 125.6 | 122.6 | 120.3 | 118.1 | 116.9 | 116.9 | 116.9 |
| 72.5° | 109.6 | 105.9 | 104.6 | 101.8 | 102.4 | 101.2 | 100.0 |
| 75° | 84.8 | 82.6 | 81.5 | 80.3 | 78.5 | 78.5 | 78.5 |
| 77.5° | 62.4 | 61.8 | 60.4 | 59.2 | 58.8 | 58.4 | 58.6 |
| 80° | 48.3 | 47.9 | 47.2 | 47.2 | 46.4 | 46.0 | 45.2 |
| 82.5° | 37.1 | 36.2 | 35.6 | 35.3 | 35.2 | 35.1 | 35.0 |
| 85° | 21.1 | 20.4 | 20.4 | 20.7 | 20.0 | 20.0 | 20.4 |
| 87.5° | 15.0 | 14.9 | 14.6 | 14.6 | 15.0 | 14.7 | 14.8 |
| 90° | 34.4 | 33.9 | 33.8 | 34.1 | 34.3 | 34.5 | 34.7 |
| 92.5° | 32.8 | 32.9 | 32.9 | 33.0 | 33.0 | 33.1 | 33.1 |
| 95° | 65.4 | 65.4 | 65.2 | 64.7 | 64.3 | 63.8 | 63.4 |
| 97.5° | 110.1 | 110.1 | 110.1 | 110.0 | 110.0 | 109.9 | 109.9 |
| 100° | 141.2 | 141.2 | 141.1 | 140.8 | 140.6 | 140.4 | 140.2 |
| 102.5° | 175.2 | 175.4 | 175.4 | 175.2 | 174.9 | 174.7 | 174.5 |
| 105° | 226.4 | 226.8 | 227.1 | 227.1 | 227.1 | 227.1 | 227.1 |
| 107.5° | 281.0 | 281.1 | 280.7 | 279.7 | 278.6 | 277.6 | 276.6 |
| 110° | 318.1 | 318.1 | 317.8 | 317.1 | 316.4 | 315.7 | 315.1 |



TEST NUMBER: P331508-840

CATALOG NUMBER: S122DIW-S485D970U840-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 355.0 | 354.4 | 353.9 | 353.4 | 352.8 | 352.3 | 351.8 |
| 115° | 412.5 | 412.3 | 411.8 | 411.2 | 410.5 | 409.8 | 409.1 |
| 117.5° | 467.7 | 467.1 | 466.5 | 465.9 | 465.1 | 464.4 | 463.7 |
| 120° | 505.3 | 505.3 | 504.9 | 504.2 | 503.6 | 502.9 | 502.2 |
| 122.5° | 542.9 | 542.4 | 541.9 | 541.4 | 540.9 | 540.4 | 539.9 |
| 125° | 599.4 | 598.7 | 598.2 | 598.0 | 597.8 | 597.5 | 597.3 |
| 127.5° | 654.2 | 653.4 | 652.6 | 651.9 | 651.2 | 650.5 | 649.7 |
| 130° | 692.2 | 691.7 | 690.9 | 690.0 | 689.1 | 688.2 | 687.3 |
| 132.5° | 728.1 | 727.1 | 726.3 | 725.6 | 724.8 | 724.1 | 723.4 |
| 135° | 782.8 | 782.5 | 782.1 | 781.4 | 780.7 | 780.1 | 779.4 |
| 137.5° | 834.6 | 834.4 | 833.7 | 832.8 | 831.9 | 831.0 | 830.1 |
| 140° | 869.4 | 869.4 | 869.0 | 868.1 | 867.2 | 866.3 | 865.4 |
| 142.5° | 901.1 | 901.2 | 900.9 | 900.0 | 899.1 | 898.2 | 897.3 |
| 145° | 948.9 | 949.1 | 948.8 | 947.9 | 947.0 | 946.0 | 945.1 |
| 147.5° | 991.0 | 991.5 | 991.3 | 990.5 | 989.6 | 988.8 | 987.8 |
| 150° | 1017.7 | 1018.4 | 1018.4 | 1017.7 | 1017.0 | 1016.3 | 1015.7 |
| 152.5° | 1044.5 | 1045.3 | 1045.3 | 1044.5 | 1043.6 | 1042.7 | 1041.9 |
| 155° | 1078.4 | 1079.5 | 1079.7 | 1079.1 | 1078.4 | 1077.7 | 1077.0 |
| 157.5° | 1109.9 | 1111.5 | 1111.7 | 1110.6 | 1109.5 | 1108.4 | 1107.3 |
| 160° | 1128.2 | 1129.5 | 1129.8 | 1128.9 | 1128.0 | 1127.1 | 1126.2 |
| 162.5° | 1145.1 | 1146.7 | 1146.9 | 1145.8 | 1144.7 | 1143.6 | 1142.6 |
| 165° | 1166.7 | 1168.3 | 1168.5 | 1167.4 | 1166.3 | 1165.2 | 1164.0 |
| 167.5° | 1184.6 | 1186.1 | 1186.3 | 1185.2 | 1184.0 | 1182.8 | 1181.6 |
| 170° | 1194.4 | 1196.0 | 1196.1 | 1194.7 | 1193.4 | 1191.9 | 1190.6 |
| 172.5° | 1201.7 | 1203.3 | 1203.5 | 1202.0 | 1200.7 | 1199.3 | 1198.0 |
| 175° | 1209.7 | 1211.2 | 1211.4 | 1210.0 | 1208.7 | 1207.3 | 1206.0 |
| 177.5° | 1212.8 | 1214.0 | 1214.0 | 1212.8 | 1211.8 | 1210.7 | 1209.6 |
| 180° | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |

(END OF REPORT)