

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: P331314-927

Luminaire Tested: **S122DIP-S485D925U927-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331314-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-16,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122DIP-S485D925U927-4F0-1E-UDD-A4
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 485 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 925 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4562.9 lumens
Efficiency: N/A
Efficacy: 102.5 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

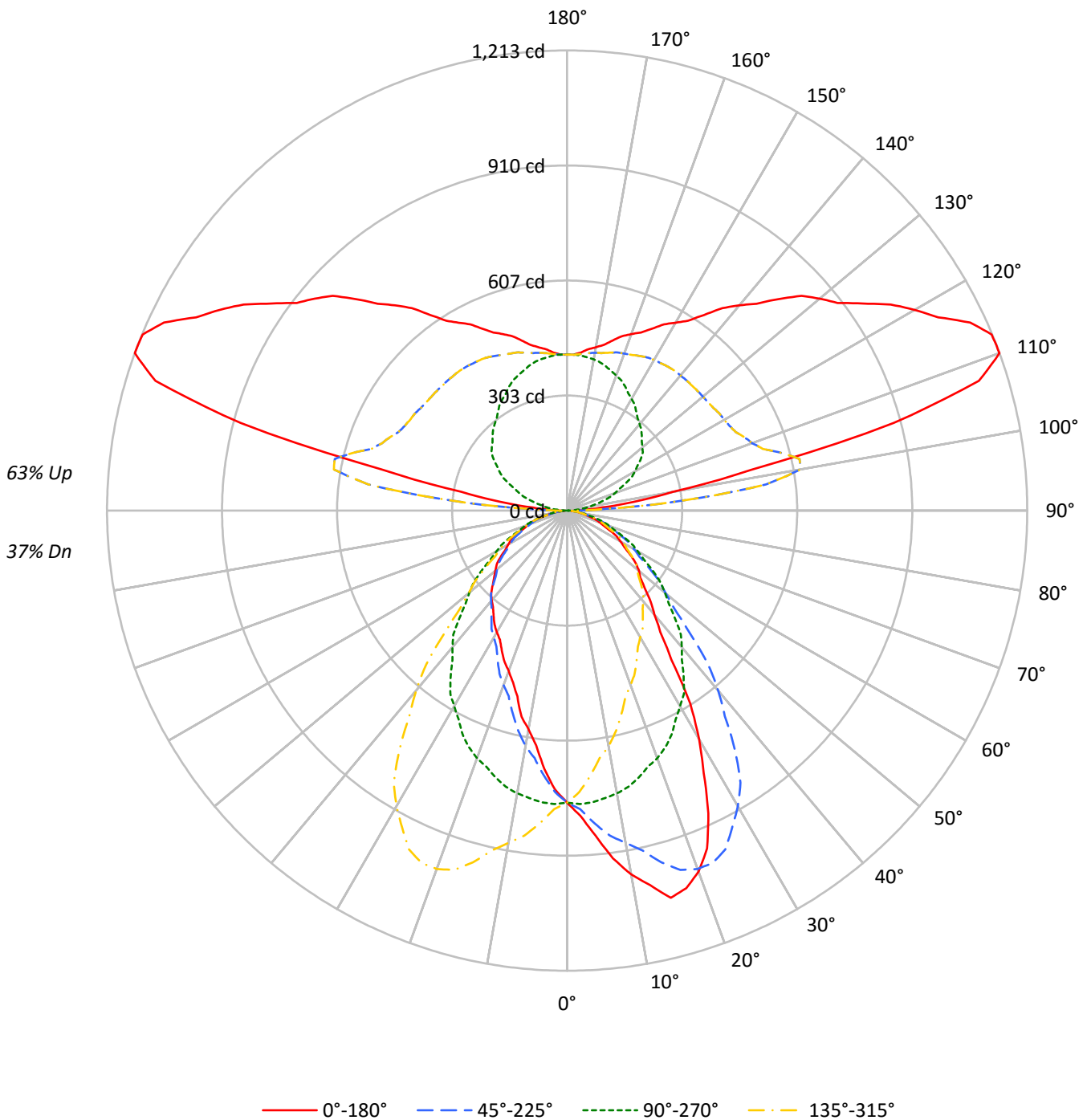
Input Watts (W): 44.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 76 | 76 | 76 | 60 | 60 | 60 | 44 | 44 | 44 | 37 | | | | |
| 1 | 95 | 91 | 87 | 84 | 86 | 83 | 80 | 77 | 67 | 65 | 63 | 53 | 52 | 50 | 40 | 39 | 38 | 32 | | | | |
| 2 | 87 | 80 | 74 | 69 | 79 | 73 | 68 | 64 | 59 | 56 | 53 | 47 | 45 | 43 | 35 | 34 | 33 | 27 | | | | |
| 3 | 80 | 71 | 64 | 58 | 72 | 64 | 58 | 54 | 53 | 48 | 45 | 42 | 39 | 36 | 32 | 30 | 28 | 24 | | | | |
| 4 | 73 | 63 | 55 | 49 | 66 | 57 | 51 | 46 | 47 | 42 | 38 | 37 | 34 | 31 | 29 | 26 | 25 | 21 | | | | |
| 5 | 67 | 56 | 48 | 42 | 61 | 51 | 44 | 39 | 42 | 37 | 33 | 34 | 30 | 27 | 26 | 24 | 22 | 18 | | | | |
| 6 | 62 | 50 | 42 | 37 | 56 | 46 | 39 | 34 | 38 | 33 | 29 | 31 | 27 | 24 | 24 | 21 | 19 | 16 | | | | |
| 7 | 57 | 45 | 38 | 32 | 52 | 42 | 35 | 30 | 35 | 29 | 26 | 28 | 24 | 21 | 22 | 19 | 17 | 14 | | | | |
| 8 | 53 | 41 | 34 | 29 | 48 | 38 | 31 | 27 | 32 | 27 | 23 | 26 | 22 | 19 | 20 | 17 | 16 | 13 | | | | |
| 9 | 49 | 38 | 30 | 26 | 45 | 35 | 28 | 24 | 29 | 24 | 21 | 24 | 20 | 17 | 18 | 16 | 14 | 12 | | | | |
| 10 | 46 | 34 | 28 | 23 | 42 | 32 | 26 | 21 | 27 | 22 | 19 | 22 | 18 | 16 | 17 | 15 | 13 | 11 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 12429 | 12429 | 12429 | 12429 |
| 5° | 13935 | 12511 | 11086 | 12511 |
| 10° | 15967 | 12408 | 9594 | 12408 |
| 15° | 17665 | 12179 | 8476 | 12179 |
| 20° | 17395 | 11936 | 7727 | 11936 |
| 25° | 15684 | 11610 | 7252 | 11610 |
| 30° | 12961 | 11091 | 6906 | 11091 |
| 35° | 9447 | 10549 | 6660 | 10549 |
| 40° | 7546 | 9908 | 6521 | 9908 |
| 45° | 6594 | 9168 | 6336 | 9168 |
| 50° | 6199 | 8450 | 6212 | 8450 |
| 55° | 5714 | 7721 | 6046 | 7721 |
| 60° | 5238 | 6946 | 5790 | 6946 |
| 65° | 4768 | 6250 | 5540 | 6250 |
| 70° | 4329 | 5570 | 5169 | 5570 |
| 75° | 3843 | 4816 | 4579 | 4816 |
| 80° | 3301 | 3989 | 3682 | 3989 |
| 85° | 2964 | 2964 | 2186 | 2964 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 73.3 | 1.6 |
| 10°-20° | 213.1 | 4.7 |
| 20°-30° | 309.3 | 6.8 |
| 30°-40° | 326.4 | 7.2 |
| 40°-50° | 289.0 | 6.3 |
| 50°-60° | 230.6 | 5.1 |
| 60°-70° | 156.8 | 3.4 |
| 70°-80° | 80.4 | 1.8 |
| 80°-90° | 23.1 | 0.5 |
| 90°-100° | 164.4 | 3.6 |
| 100°-110° | 557.8 | 12.2 |
| 110°-120° | 592.6 | 13.0 |
| 120°-130° | 487.8 | 10.7 |
| 130°-140° | 391.8 | 8.6 |
| 140°-150° | 296.0 | 6.5 |
| 150°-160° | 208.1 | 4.6 |
| 160°-170° | 122.5 | 2.7 |
| 170°-180° | 39.9 | 0.9 |
| 0°-30° | 595.8 | 13.1 |
| 0°-40° | 922.2 | 20.2 |
| 0°-60° | 1441.8 | 31.6 |
| 0°-90° | 1702.0 | 37.3 |
| 90°-120° | 1314.8 | 28.8 |
| 90°-150° | 2490.5 | 54.6 |
| 90°-180° | 2861.0 | 62.7 |
| 0°-180° | 4562.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 770 | 770 | 770 | 770 | 770 | |
| 5° | 860 | 772 | 684 | 772 | 860 | 86 |
| 15° | 1057 | 729 | 507 | 729 | 1057 | 292 |
| 25° | 880 | 652 | 407 | 652 | 880 | 398 |
| 35° | 479 | 535 | 338 | 535 | 479 | 312 |
| 45° | 289 | 402 | 278 | 402 | 289 | 227 |
| 55° | 203 | 274 | 215 | 274 | 203 | 182 |
| 65° | 125 | 164 | 145 | 164 | 125 | 124 |
| 75° | 62 | 77 | 73 | 77 | 62 | 66 |
| 85° | 16 | 16 | 12 | 16 | 16 | 18 |
| 90° | 26 | 1 | 26 | 1 | 26 | 15 |
| 95° | 90 | 28 | 90 | 28 | 90 | 117 |
| 105° | 891 | 96 | 891 | 96 | 891 | 862 |
| 115° | 1172 | 170 | 1172 | 170 | 1172 | 1148 |
| 125° | 951 | 237 | 951 | 237 | 951 | 859 |
| 135° | 788 | 278 | 788 | 278 | 788 | 612 |
| 145° | 629 | 318 | 629 | 318 | 629 | 400 |
| 155° | 529 | 361 | 529 | 361 | 529 | 247 |
| 165° | 464 | 394 | 464 | 394 | 464 | 133 |
| 175° | 418 | 410 | 418 | 410 | 418 | 41 |
| 180° | 411 | 411 | 411 | 411 | 411 | |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 |
| 2.5° | 805.3 | 805.6 | 806.0 | 802.2 | 801.8 | 801.8 | 798.4 | 795.6 | 792.3 | 787.7 | 788.2 |
| 5° | 859.8 | 863.0 | 864.2 | 860.6 | 855.3 | 854.7 | 849.7 | 841.4 | 833.7 | 827.5 | 823.1 |
| 7.5° | 924.7 | 926.0 | 923.1 | 918.5 | 914.5 | 907.4 | 898.0 | 888.8 | 876.0 | 864.2 | 855.5 |
| 10° | 973.9 | 975.7 | 970.7 | 963.8 | 958.2 | 950.0 | 936.4 | 922.4 | 905.6 | 889.3 | 876.3 |
| 12.5° | 1011.3 | 1015.7 | 1009.2 | 1008.4 | 998.7 | 987.4 | 971.1 | 964.1 | 940.4 | 917.7 | 903.7 |
| 15° | 1056.8 | 1056.5 | 1057.1 | 1051.5 | 1044.3 | 1042.6 | 1025.4 | 1006.8 | 973.4 | 960.0 | 936.9 |
| 17.5° | 1043.6 | 1048.1 | 1050.2 | 1050.1 | 1050.0 | 1048.8 | 1043.3 | 1031.6 | 1014.8 | 993.2 | 966.6 |
| 20° | 1012.4 | 1018.3 | 1019.2 | 1026.0 | 1029.8 | 1034.9 | 1037.0 | 1033.7 | 1023.3 | 1005.3 | 982.2 |
| 22.5° | 964.1 | 965.7 | 968.5 | 979.1 | 987.5 | 1000.1 | 1006.6 | 1017.6 | 1013.6 | 1004.8 | 985.6 |
| 25° | 880.4 | 877.5 | 887.8 | 893.2 | 912.4 | 932.5 | 947.0 | 963.0 | 977.2 | 985.8 | 980.2 |
| 27.5° | 780.0 | 775.5 | 791.1 | 805.2 | 820.8 | 842.6 | 865.1 | 891.8 | 914.0 | 941.8 | 951.3 |
| 30° | 695.2 | 697.9 | 712.7 | 727.8 | 751.5 | 782.2 | 807.6 | 836.9 | 868.6 | 899.7 | 921.2 |
| 32.5° | 603.9 | 614.1 | 623.4 | 646.6 | 667.4 | 701.7 | 739.0 | 775.6 | 815.2 | 850.4 | 883.8 |
| 35° | 479.3 | 491.1 | 504.1 | 521.0 | 550.2 | 584.3 | 620.7 | 670.1 | 724.0 | 772.1 | 811.8 |
| 37.5° | 403.4 | 401.6 | 409.0 | 421.2 | 444.9 | 472.4 | 514.2 | 563.1 | 626.5 | 683.1 | 739.0 |
| 40° | 358.0 | 356.8 | 362.1 | 373.4 | 391.4 | 411.5 | 448.2 | 491.1 | 550.0 | 619.2 | 685.8 |
| 42.5° | 326.7 | 327.4 | 330.4 | 338.3 | 350.7 | 367.3 | 394.7 | 431.3 | 485.1 | 550.3 | 621.9 |
| 45° | 288.8 | 290.8 | 294.1 | 297.9 | 305.0 | 318.6 | 334.0 | 360.0 | 402.7 | 457.1 | 527.5 |
| 47.5° | 261.4 | 261.5 | 264.7 | 268.2 | 272.4 | 280.0 | 292.6 | 309.0 | 339.0 | 383.3 | 443.9 |
| 50° | 246.8 | 244.6 | 247.0 | 249.7 | 254.1 | 259.4 | 267.8 | 283.1 | 303.2 | 339.1 | 389.6 |
| 52.5° | 228.8 | 228.8 | 230.9 | 232.0 | 235.9 | 241.2 | 248.8 | 259.4 | 277.7 | 305.7 | 347.3 |
| 55° | 203.0 | 204.5 | 205.7 | 207.4 | 211.0 | 214.8 | 220.7 | 227.8 | 242.0 | 263.0 | 293.7 |
| 57.5° | 178.7 | 179.2 | 180.4 | 183.7 | 186.0 | 189.5 | 195.1 | 201.6 | 210.8 | 226.4 | 249.5 |
| 60° | 162.2 | 162.2 | 164.5 | 166.0 | 168.9 | 172.5 | 176.9 | 183.2 | 191.4 | 204.1 | 222.8 |
| 62.5° | 146.9 | 146.7 | 147.7 | 150.1 | 152.3 | 155.7 | 160.1 | 165.4 | 173.2 | 184.5 | 199.8 |
| 65° | 124.8 | 124.3 | 126.0 | 126.6 | 129.0 | 132.2 | 135.8 | 141.4 | 147.7 | 155.9 | 169.5 |
| 67.5° | 103.5 | 104.3 | 105.2 | 106.3 | 107.7 | 111.1 | 113.4 | 117.4 | 122.6 | 129.5 | 138.8 |
| 70° | 91.7 | 91.7 | 91.7 | 92.6 | 94.3 | 96.2 | 98.5 | 101.8 | 106.8 | 112.7 | 121.0 |
| 72.5° | 78.4 | 79.4 | 80.3 | 79.9 | 82.1 | 83.1 | 86.0 | 87.8 | 92.6 | 96.4 | 103.7 |
| 75° | 61.6 | 61.6 | 61.6 | 63.0 | 63.9 | 64.8 | 66.5 | 68.4 | 70.7 | 75.4 | 79.3 |
| 77.5° | 45.9 | 45.8 | 46.1 | 46.4 | 47.4 | 48.5 | 49.0 | 50.6 | 52.8 | 55.0 | 58.2 |
| 80° | 35.5 | 36.1 | 36.4 | 37.0 | 37.0 | 37.5 | 37.9 | 39.9 | 41.4 | 42.9 | 45.0 |
| 82.5° | 27.5 | 27.6 | 27.6 | 27.7 | 28.0 | 28.4 | 29.1 | 29.8 | 30.3 | 31.5 | 33.1 |
| 85° | 16.0 | 15.7 | 15.7 | 16.2 | 16.0 | 16.0 | 16.6 | 17.2 | 17.2 | 17.4 | 18.4 |
| 87.5° | 11.4 | 11.4 | 11.6 | 11.4 | 11.4 | 11.5 | 11.2 | 11.2 | 11.6 | 12.0 | 12.1 |
| 90° | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 25.3 | 23.7 | 25.3 | 26.1 | 26.9 | 26.1 |
| 92.5° | 43.8 | 45.1 | 44.4 | 47.0 | 47.6 | 52.5 | 59.2 | 68.9 | 86.8 | 102.7 | 101.3 |
| 95° | 90.2 | 89.4 | 91.7 | 98.1 | 108.3 | 125.7 | 158.9 | 207.2 | 271.2 | 309.9 | 274.3 |
| 97.5° | 177.4 | 184.0 | 195.6 | 215.1 | 252.9 | 309.9 | 395.5 | 483.4 | 555.0 | 529.1 | 398.5 |
| 100° | 283.0 | 297.3 | 320.2 | 354.2 | 419.9 | 515.5 | 623.8 | 721.8 | 738.5 | 624.6 | 430.1 |
| 102.5° | 498.1 | 517.4 | 546.0 | 604.0 | 675.3 | 776.7 | 856.0 | 878.1 | 806.8 | 627.7 | 418.1 |
| 105° | 891.0 | 902.1 | 936.1 | 985.1 | 1034.1 | 1060.3 | 1050.0 | 960.6 | 796.1 | 585.8 | 394.5 |
| 107.5° | 1138.2 | 1152.9 | 1159.7 | 1162.4 | 1156.2 | 1117.9 | 1035.7 | 901.2 | 726.7 | 541.0 | 382.8 |
| 110° | 1212.8 | 1213.6 | 1206.5 | 1191.4 | 1157.5 | 1092.7 | 991.4 | 849.9 | 683.1 | 519.4 | 380.3 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 112.5° | 1211.6 | 1207.3 | 1193.8 | 1168.7 | 1121.4 | 1047.1 | 939.0 | 803.1 | 652.8 | 505.5 | 380.9 |
| 115° | 1172.5 | 1165.4 | 1144.8 | 1108.4 | 1052.3 | 970.9 | 867.3 | 745.5 | 615.1 | 490.2 | 384.2 |
| 117.5° | 1102.7 | 1096.8 | 1075.1 | 1036.6 | 979.5 | 903.0 | 809.1 | 702.2 | 591.4 | 482.8 | 389.9 |
| 120° | 1057.9 | 1050.0 | 1027.0 | 989.8 | 934.5 | 862.5 | 778.8 | 680.7 | 578.8 | 478.3 | 393.7 |
| 122.5° | 1011.1 | 1004.4 | 984.0 | 947.5 | 897.9 | 832.8 | 753.4 | 663.6 | 568.0 | 475.8 | 398.2 |
| 125° | 951.1 | 944.8 | 925.0 | 895.0 | 849.1 | 789.8 | 720.3 | 638.8 | 552.6 | 471.2 | 404.8 |
| 127.5° | 898.7 | 893.6 | 876.5 | 848.3 | 808.3 | 753.6 | 688.0 | 614.3 | 538.4 | 468.5 | 411.6 |
| 130° | 868.9 | 862.5 | 846.8 | 819.9 | 781.2 | 729.0 | 666.5 | 598.5 | 528.9 | 467.2 | 416.7 |
| 132.5° | 837.9 | 832.2 | 817.7 | 790.8 | 752.7 | 703.6 | 646.3 | 583.3 | 521.3 | 466.6 | 421.7 |
| 135° | 788.2 | 785.1 | 770.9 | 744.7 | 710.7 | 666.5 | 614.3 | 562.1 | 510.7 | 465.6 | 427.7 |
| 137.5° | 739.6 | 734.8 | 722.3 | 699.9 | 668.8 | 630.3 | 588.8 | 545.2 | 503.3 | 465.5 | 433.1 |
| 140° | 706.0 | 701.3 | 689.4 | 668.8 | 643.6 | 608.8 | 572.4 | 534.5 | 498.9 | 464.9 | 435.6 |
| 142.5° | 672.5 | 671.5 | 661.0 | 642.3 | 618.3 | 589.1 | 557.9 | 525.6 | 494.5 | 464.9 | 437.5 |
| 145° | 629.3 | 626.9 | 619.1 | 605.6 | 586.6 | 563.7 | 539.2 | 513.1 | 488.6 | 463.3 | 439.6 |
| 147.5° | 593.1 | 591.7 | 586.3 | 575.6 | 559.9 | 543.1 | 524.0 | 503.4 | 482.6 | 460.5 | 440.2 |
| 150° | 571.6 | 570.8 | 566.1 | 556.6 | 544.7 | 530.5 | 513.9 | 496.5 | 477.5 | 458.6 | 439.6 |
| 152.5° | 553.3 | 553.1 | 549.6 | 541.4 | 532.1 | 519.8 | 505.6 | 489.6 | 473.1 | 455.4 | 438.3 |
| 155° | 528.9 | 530.5 | 527.4 | 521.8 | 513.1 | 504.4 | 492.6 | 479.9 | 464.9 | 449.9 | 436.4 |
| 157.5° | 508.2 | 508.2 | 506.8 | 502.2 | 496.1 | 489.3 | 479.3 | 468.7 | 457.2 | 444.2 | 432.8 |
| 160° | 495.0 | 495.0 | 494.2 | 490.2 | 484.7 | 479.1 | 470.4 | 461.7 | 451.5 | 440.4 | 430.9 |
| 162.5° | 482.3 | 482.9 | 482.1 | 479.4 | 473.9 | 469.6 | 462.2 | 454.8 | 446.4 | 437.2 | 429.0 |
| 165° | 464.1 | 464.9 | 464.9 | 461.7 | 458.6 | 455.4 | 449.9 | 444.3 | 438.0 | 430.9 | 425.3 |
| 167.5° | 447.3 | 448.3 | 448.5 | 446.7 | 445.3 | 442.4 | 438.6 | 434.4 | 429.8 | 425.3 | 421.7 |
| 170° | 437.2 | 438.8 | 439.6 | 437.2 | 436.4 | 434.8 | 431.7 | 429.3 | 425.3 | 422.2 | 419.9 |
| 172.5° | 429.0 | 429.9 | 430.7 | 429.6 | 428.8 | 427.9 | 425.3 | 423.6 | 421.0 | 418.4 | 417.3 |
| 175° | 418.3 | 419.9 | 420.6 | 419.9 | 419.9 | 419.1 | 418.3 | 417.5 | 415.1 | 414.3 | 413.5 |
| 177.5° | 411.8 | 413.0 | 413.7 | 413.7 | 413.7 | 413.7 | 413.0 | 413.0 | 411.8 | 411.1 | 411.8 |
| 180° | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 |
| 2.5° | 789.9 | 788.0 | 786.8 | 782.6 | 778.8 | 775.0 | 773.8 | 774.3 | 769.1 | 764.1 | 762.0 |
| 5° | 820.7 | 814.8 | 809.1 | 801.1 | 791.7 | 781.3 | 776.0 | 771.9 | 761.5 | 750.3 | 743.8 |
| 7.5° | 848.3 | 839.8 | 828.9 | 814.0 | 800.2 | 783.9 | 773.5 | 764.4 | 749.2 | 733.3 | 723.7 |
| 10° | 865.1 | 853.5 | 839.6 | 821.3 | 804.4 | 784.6 | 770.7 | 756.8 | 739.0 | 720.1 | 708.3 |
| 12.5° | 879.5 | 864.0 | 850.2 | 826.7 | 806.8 | 782.0 | 765.5 | 745.9 | 727.2 | 704.7 | 693.1 |
| 15° | 913.9 | 885.2 | 859.1 | 832.5 | 807.9 | 773.3 | 755.0 | 728.6 | 704.1 | 676.3 | 663.0 |
| 17.5° | 940.4 | 908.2 | 867.2 | 833.4 | 804.7 | 766.4 | 739.4 | 707.9 | 678.8 | 647.1 | 629.0 |
| 20° | 955.6 | 918.6 | 874.5 | 834.3 | 799.9 | 756.2 | 726.9 | 694.7 | 660.6 | 624.8 | 605.3 |
| 22.5° | 964.6 | 925.7 | 882.1 | 830.8 | 790.5 | 747.9 | 711.1 | 675.7 | 641.2 | 602.6 | 582.1 |
| 25° | 967.4 | 931.9 | 885.7 | 827.8 | 778.6 | 730.5 | 686.0 | 651.7 | 610.1 | 573.9 | 544.1 |
| 27.5° | 953.3 | 927.9 | 883.5 | 822.2 | 765.0 | 708.6 | 659.2 | 620.3 | 576.2 | 537.1 | 507.0 |
| 30° | 936.0 | 921.2 | 878.1 | 816.5 | 754.1 | 693.5 | 639.1 | 594.9 | 551.2 | 511.5 | 480.8 |
| 32.5° | 909.3 | 906.1 | 868.2 | 808.5 | 742.5 | 674.3 | 618.0 | 573.4 | 524.9 | 485.9 | 456.6 |
| 35° | 856.7 | 871.0 | 847.0 | 790.5 | 720.6 | 647.1 | 586.1 | 535.2 | 484.9 | 447.6 | 420.1 |
| 37.5° | 786.4 | 821.7 | 815.4 | 764.1 | 691.2 | 617.3 | 550.0 | 496.9 | 448.9 | 411.3 | 384.3 |
| 40° | 737.8 | 782.8 | 789.3 | 744.0 | 670.4 | 594.4 | 523.1 | 470.1 | 423.3 | 389.0 | 361.8 |
| 42.5° | 685.8 | 738.3 | 756.2 | 719.9 | 647.7 | 570.2 | 498.9 | 444.1 | 397.8 | 364.4 | 340.3 |
| 45° | 598.5 | 668.0 | 700.3 | 679.5 | 609.7 | 530.4 | 457.1 | 401.5 | 359.5 | 328.1 | 309.4 |
| 47.5° | 516.9 | 592.9 | 636.3 | 628.9 | 567.5 | 489.0 | 416.5 | 363.1 | 322.3 | 297.2 | 280.5 |
| 50° | 459.1 | 537.3 | 589.6 | 592.0 | 537.3 | 459.5 | 386.7 | 336.4 | 298.8 | 275.4 | 261.8 |
| 52.5° | 409.0 | 483.5 | 540.7 | 553.2 | 503.4 | 428.6 | 359.9 | 309.9 | 276.8 | 255.3 | 243.1 |
| 55° | 343.5 | 406.5 | 469.8 | 492.9 | 453.0 | 381.9 | 318.3 | 274.3 | 243.2 | 228.4 | 217.8 |
| 57.5° | 285.6 | 338.1 | 396.6 | 422.1 | 397.4 | 336.7 | 277.0 | 238.8 | 213.6 | 200.6 | 192.4 |
| 60° | 255.0 | 296.4 | 348.5 | 379.0 | 357.7 | 303.6 | 251.4 | 215.1 | 194.4 | 182.8 | 175.2 |
| 62.5° | 226.6 | 263.3 | 307.3 | 335.2 | 323.6 | 272.5 | 225.9 | 193.8 | 175.9 | 165.1 | 159.5 |
| 65° | 187.0 | 215.9 | 250.0 | 275.8 | 268.1 | 229.3 | 191.2 | 163.6 | 149.4 | 140.9 | 136.4 |
| 67.5° | 153.9 | 174.9 | 198.5 | 221.0 | 214.8 | 187.4 | 156.8 | 135.3 | 124.7 | 117.3 | 114.7 |
| 70° | 133.2 | 149.1 | 170.1 | 188.1 | 183.2 | 160.7 | 136.4 | 118.0 | 108.8 | 102.7 | 100.0 |
| 72.5° | 113.3 | 126.4 | 142.4 | 157.2 | 153.8 | 135.1 | 114.9 | 101.0 | 94.0 | 88.2 | 86.0 |
| 75° | 85.5 | 95.5 | 105.4 | 115.1 | 114.2 | 99.7 | 87.9 | 77.2 | 71.6 | 67.2 | 66.3 |
| 77.5° | 63.1 | 68.8 | 75.4 | 81.2 | 79.6 | 71.3 | 62.0 | 55.9 | 51.8 | 48.8 | 48.3 |
| 80° | 48.2 | 51.5 | 56.2 | 60.4 | 58.3 | 54.7 | 47.4 | 42.9 | 39.9 | 37.0 | 35.8 |
| 82.5° | 34.9 | 38.3 | 41.0 | 43.3 | 41.7 | 38.4 | 33.8 | 30.8 | 29.1 | 27.0 | 26.5 |
| 85° | 18.4 | 20.1 | 21.3 | 21.9 | 21.3 | 19.3 | 17.2 | 16.0 | 14.5 | 13.6 | 13.3 |
| 87.5° | 11.4 | 10.3 | 9.5 | 9.5 | 8.5 | 8.2 | 6.6 | 5.4 | 5.6 | 6.0 | 5.9 |
| 90° | 21.3 | 15.8 | 11.9 | 9.5 | 7.9 | 6.3 | 3.2 | 0.8 | 3.2 | 6.3 | 7.9 |
| 92.5° | 78.9 | 53.8 | 35.9 | 28.4 | 23.1 | 19.6 | 13.9 | 9.7 | 13.9 | 19.6 | 23.1 |
| 95° | 182.6 | 113.8 | 77.5 | 58.5 | 45.9 | 38.7 | 30.8 | 27.6 | 30.8 | 38.7 | 45.9 |
| 97.5° | 246.1 | 150.2 | 104.5 | 83.0 | 68.4 | 57.8 | 49.4 | 45.1 | 49.4 | 57.8 | 68.4 |
| 100° | 259.4 | 162.9 | 121.0 | 98.9 | 83.0 | 70.3 | 63.2 | 60.8 | 63.2 | 70.3 | 83.0 |
| 102.5° | 260.0 | 174.3 | 135.5 | 113.4 | 97.0 | 84.3 | 77.2 | 75.4 | 77.2 | 84.3 | 97.0 |
| 105° | 264.0 | 193.7 | 156.5 | 134.4 | 117.0 | 105.1 | 99.7 | 96.5 | 99.7 | 105.1 | 117.0 |
| 107.5° | 275.0 | 213.7 | 177.6 | 155.3 | 138.1 | 127.1 | 121.8 | 119.2 | 121.8 | 127.1 | 138.1 |
| 110° | 283.8 | 226.9 | 192.1 | 169.2 | 152.6 | 142.3 | 137.6 | 134.4 | 137.6 | 142.3 | 152.6 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 293.3 | 239.6 | 206.0 | 182.4 | 166.5 | 156.9 | 151.5 | 148.3 | 151.5 | 156.9 | 166.5 |
| 115° | 307.5 | 259.4 | 225.3 | 204.0 | 188.1 | 178.7 | 174.0 | 170.0 | 174.0 | 178.7 | 188.1 |
| 117.5° | 322.7 | 277.5 | 246.1 | 223.9 | 208.7 | 200.3 | 195.6 | 192.4 | 195.6 | 200.3 | 208.7 |
| 120° | 332.9 | 290.2 | 259.4 | 237.2 | 221.3 | 214.3 | 209.5 | 206.4 | 209.5 | 214.3 | 221.3 |
| 122.5° | 341.7 | 302.1 | 273.2 | 250.5 | 234.6 | 226.9 | 222.1 | 219.7 | 222.1 | 226.9 | 234.6 |
| 125° | 355.8 | 320.2 | 291.8 | 269.6 | 253.8 | 244.3 | 239.6 | 237.2 | 239.6 | 244.3 | 253.8 |
| 127.5° | 368.9 | 337.0 | 309.3 | 286.5 | 271.3 | 260.9 | 254.3 | 251.1 | 254.3 | 260.9 | 271.3 |
| 130° | 377.2 | 347.1 | 319.4 | 297.3 | 281.5 | 270.4 | 262.4 | 259.4 | 262.4 | 270.4 | 281.5 |
| 132.5° | 385.3 | 355.9 | 329.5 | 307.4 | 291.0 | 279.2 | 270.7 | 266.9 | 270.7 | 279.2 | 291.0 |
| 135° | 396.1 | 368.4 | 343.1 | 321.0 | 302.8 | 291.0 | 281.5 | 278.3 | 281.5 | 291.0 | 302.8 |
| 137.5° | 404.3 | 378.6 | 353.6 | 333.0 | 315.0 | 302.3 | 292.9 | 289.1 | 292.9 | 302.3 | 315.0 |
| 140° | 408.8 | 384.2 | 360.5 | 340.0 | 322.6 | 309.9 | 300.5 | 297.3 | 300.5 | 309.9 | 322.6 |
| 142.5° | 412.6 | 388.6 | 365.6 | 346.3 | 329.5 | 316.9 | 308.0 | 305.5 | 308.0 | 316.9 | 329.5 |
| 145° | 417.5 | 395.3 | 374.0 | 356.6 | 340.8 | 328.9 | 321.0 | 317.8 | 321.0 | 328.9 | 340.8 |
| 147.5° | 420.2 | 400.7 | 380.6 | 365.1 | 352.0 | 341.0 | 333.5 | 331.1 | 333.5 | 341.0 | 352.0 |
| 150° | 421.4 | 403.2 | 385.0 | 370.8 | 358.9 | 348.6 | 342.3 | 340.0 | 342.3 | 348.6 | 358.9 |
| 152.5° | 422.0 | 405.8 | 389.4 | 376.5 | 365.3 | 356.2 | 349.9 | 348.8 | 349.9 | 356.2 | 365.3 |
| 155° | 422.9 | 409.6 | 396.1 | 384.2 | 375.6 | 366.9 | 362.1 | 361.3 | 362.1 | 366.9 | 375.6 |
| 157.5° | 422.9 | 412.3 | 400.8 | 390.9 | 383.9 | 376.4 | 372.6 | 371.8 | 372.6 | 376.4 | 383.9 |
| 160° | 422.9 | 413.5 | 404.0 | 395.3 | 389.0 | 382.6 | 379.5 | 378.7 | 379.5 | 382.6 | 389.0 |
| 162.5° | 422.3 | 414.2 | 405.9 | 399.1 | 393.4 | 388.3 | 385.2 | 385.6 | 385.2 | 388.3 | 393.4 |
| 165° | 420.6 | 415.1 | 408.0 | 403.2 | 399.3 | 394.5 | 392.9 | 393.7 | 392.9 | 394.5 | 399.3 |
| 167.5° | 419.5 | 414.9 | 409.7 | 406.7 | 403.9 | 400.8 | 399.4 | 400.4 | 399.4 | 400.8 | 403.9 |
| 170° | 418.3 | 414.3 | 410.4 | 408.0 | 406.4 | 404.0 | 403.2 | 404.8 | 403.2 | 404.0 | 406.4 |
| 172.5° | 416.4 | 413.7 | 411.0 | 409.2 | 408.3 | 405.9 | 406.4 | 407.3 | 406.4 | 405.9 | 408.3 |
| 175° | 414.3 | 412.7 | 411.1 | 410.4 | 410.4 | 408.8 | 409.6 | 410.4 | 409.6 | 408.8 | 410.4 |
| 177.5° | 413.0 | 411.8 | 411.1 | 411.1 | 411.1 | 409.9 | 410.5 | 411.8 | 410.5 | 409.9 | 411.1 |
| 180° | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 |
| 2.5° | 759.6 | 758.2 | 753.2 | 750.6 | 746.4 | 742.4 | 739.7 | 740.9 | 741.9 | 741.4 | 740.7 |
| 5° | 737.8 | 732.2 | 723.7 | 716.2 | 710.9 | 701.2 | 697.0 | 695.0 | 693.2 | 691.1 | 689.0 |
| 7.5° | 711.9 | 703.1 | 690.8 | 680.2 | 670.3 | 658.1 | 651.3 | 647.1 | 642.8 | 638.1 | 634.0 |
| 10° | 693.5 | 681.0 | 668.0 | 653.2 | 641.4 | 630.4 | 620.7 | 614.2 | 608.2 | 602.6 | 598.5 |
| 12.5° | 674.1 | 659.7 | 643.6 | 623.4 | 610.4 | 594.7 | 593.3 | 581.8 | 572.5 | 569.0 | 564.2 |
| 15° | 643.2 | 623.1 | 602.6 | 578.7 | 568.3 | 554.1 | 545.3 | 536.4 | 528.4 | 522.8 | 521.3 |
| 17.5° | 608.1 | 582.0 | 561.7 | 544.5 | 527.6 | 513.0 | 504.9 | 497.7 | 491.2 | 483.6 | 482.7 |
| 20° | 581.3 | 558.9 | 536.7 | 521.6 | 504.1 | 489.3 | 479.3 | 472.1 | 466.5 | 462.1 | 458.3 |
| 22.5° | 556.0 | 531.4 | 511.1 | 494.6 | 477.4 | 465.4 | 457.5 | 450.7 | 446.0 | 441.1 | 437.4 |
| 25° | 515.4 | 496.1 | 474.0 | 455.3 | 441.1 | 433.4 | 426.9 | 421.0 | 418.0 | 414.8 | 410.7 |
| 27.5° | 479.8 | 458.4 | 437.7 | 423.3 | 410.7 | 403.9 | 399.3 | 395.3 | 392.5 | 390.6 | 388.2 |
| 30° | 454.7 | 433.1 | 416.8 | 402.7 | 392.3 | 385.5 | 382.5 | 380.2 | 376.9 | 375.7 | 374.5 |
| 32.5° | 430.6 | 411.1 | 397.2 | 384.9 | 375.0 | 370.6 | 367.9 | 365.8 | 363.2 | 362.0 | 359.7 |
| 35° | 396.4 | 380.2 | 366.5 | 359.7 | 351.7 | 347.9 | 345.9 | 342.9 | 340.6 | 339.4 | 339.1 |
| 37.5° | 364.3 | 350.1 | 341.2 | 332.5 | 329.1 | 326.7 | 323.9 | 321.9 | 321.2 | 321.0 | 320.7 |
| 40° | 343.5 | 331.9 | 323.9 | 316.9 | 315.4 | 311.8 | 309.4 | 307.7 | 307.7 | 308.0 | 307.7 |
| 42.5° | 324.6 | 314.2 | 307.1 | 301.0 | 299.3 | 297.1 | 294.8 | 294.7 | 295.2 | 296.1 | 295.2 |
| 45° | 295.9 | 288.4 | 283.4 | 280.4 | 277.2 | 275.1 | 274.8 | 275.8 | 276.0 | 276.3 | 277.2 |
| 47.5° | 269.4 | 264.5 | 260.0 | 256.7 | 255.3 | 254.9 | 254.6 | 256.1 | 257.5 | 258.1 | 259.4 |
| 50° | 253.8 | 248.2 | 244.4 | 242.3 | 241.1 | 240.5 | 241.1 | 242.9 | 244.1 | 245.6 | 246.4 |
| 52.5° | 236.3 | 232.3 | 229.7 | 228.1 | 227.6 | 228.0 | 228.1 | 230.1 | 232.0 | 232.5 | 233.0 |
| 55° | 212.1 | 209.1 | 208.6 | 205.9 | 207.1 | 206.8 | 208.3 | 209.5 | 211.2 | 213.0 | 213.3 |
| 57.5° | 188.0 | 185.6 | 184.0 | 184.3 | 184.6 | 185.9 | 187.1 | 189.3 | 191.2 | 193.0 | 193.2 |
| 60° | 171.9 | 170.7 | 169.8 | 169.8 | 170.4 | 172.2 | 173.6 | 175.7 | 176.9 | 178.1 | 179.0 |
| 62.5° | 157.2 | 156.1 | 155.1 | 155.6 | 157.2 | 158.2 | 159.9 | 161.1 | 162.2 | 163.4 | 163.8 |
| 65° | 134.0 | 133.4 | 134.4 | 134.9 | 135.2 | 136.7 | 138.8 | 139.7 | 140.9 | 141.4 | 143.5 |
| 67.5° | 112.6 | 112.8 | 112.6 | 113.5 | 115.2 | 115.6 | 117.5 | 119.6 | 119.9 | 121.0 | 122.3 |
| 70° | 98.2 | 98.8 | 99.4 | 100.0 | 101.5 | 102.0 | 103.5 | 104.4 | 105.6 | 106.5 | 107.4 |
| 72.5° | 85.0 | 85.1 | 85.7 | 85.6 | 86.8 | 88.1 | 89.4 | 90.2 | 91.4 | 92.5 | 93.4 |
| 75° | 65.4 | 65.4 | 66.0 | 66.3 | 67.7 | 69.2 | 68.9 | 69.6 | 70.7 | 71.9 | 72.5 |
| 77.5° | 47.8 | 47.1 | 47.8 | 48.0 | 48.5 | 49.7 | 50.0 | 50.9 | 52.2 | 51.8 | 52.4 |
| 80° | 36.4 | 35.5 | 36.4 | 36.7 | 36.7 | 38.2 | 38.2 | 38.7 | 39.6 | 38.7 | 39.6 |
| 82.5° | 26.0 | 25.6 | 26.2 | 26.3 | 26.8 | 26.8 | 27.3 | 27.4 | 28.3 | 27.9 | 28.3 |
| 85° | 13.0 | 12.8 | 13.0 | 12.8 | 13.0 | 13.3 | 13.3 | 13.0 | 13.0 | 13.6 | 12.8 |
| 87.5° | 5.9 | 6.2 | 6.7 | 7.8 | 8.6 | 8.5 | 8.1 | 7.9 | 7.6 | 7.4 | 7.6 |
| 90° | 9.5 | 11.9 | 15.8 | 21.3 | 26.1 | 26.9 | 26.1 | 25.3 | 23.7 | 25.3 | 26.1 |
| 92.5° | 28.4 | 35.9 | 53.8 | 78.9 | 101.3 | 102.7 | 86.8 | 68.9 | 59.2 | 52.5 | 47.6 |
| 95° | 58.5 | 77.5 | 113.8 | 182.6 | 274.3 | 309.9 | 271.2 | 207.2 | 158.9 | 125.7 | 108.3 |
| 97.5° | 83.0 | 104.5 | 150.2 | 246.1 | 398.5 | 529.1 | 555.0 | 483.4 | 395.5 | 309.9 | 252.9 |
| 100° | 98.9 | 121.0 | 162.9 | 259.4 | 430.1 | 624.6 | 738.5 | 721.8 | 623.8 | 515.5 | 419.9 |
| 102.5° | 113.4 | 135.5 | 174.3 | 260.0 | 418.1 | 627.7 | 806.8 | 878.1 | 856.0 | 776.7 | 675.3 |
| 105° | 134.4 | 156.5 | 193.7 | 264.0 | 394.5 | 585.8 | 796.1 | 960.6 | 1050.0 | 1060.3 | 1034.1 |
| 107.5° | 155.3 | 177.6 | 213.7 | 275.0 | 382.8 | 541.0 | 726.7 | 901.2 | 1035.7 | 1117.9 | 1156.2 |
| 110° | 169.2 | 192.1 | 226.9 | 283.8 | 380.3 | 519.4 | 683.1 | 849.9 | 991.4 | 1092.7 | 1157.5 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 182.4 | 206.0 | 239.6 | 293.3 | 380.9 | 505.5 | 652.8 | 803.1 | 939.0 | 1047.1 | 1121.4 |
| 115° | 204.0 | 225.3 | 259.4 | 307.5 | 384.2 | 490.2 | 615.1 | 745.5 | 867.3 | 970.9 | 1052.3 |
| 117.5° | 223.9 | 246.1 | 277.5 | 322.7 | 389.9 | 482.8 | 591.4 | 702.2 | 809.1 | 903.0 | 979.5 |
| 120° | 237.2 | 259.4 | 290.2 | 332.9 | 393.7 | 478.3 | 578.8 | 680.7 | 778.8 | 862.5 | 934.5 |
| 122.5° | 250.5 | 273.2 | 302.1 | 341.7 | 398.2 | 475.8 | 568.0 | 663.6 | 753.4 | 832.8 | 897.9 |
| 125° | 269.6 | 291.8 | 320.2 | 355.8 | 404.8 | 471.2 | 552.6 | 638.8 | 720.3 | 789.8 | 849.1 |
| 127.5° | 286.5 | 309.3 | 337.0 | 368.9 | 411.6 | 468.5 | 538.4 | 614.3 | 688.0 | 753.6 | 808.3 |
| 130° | 297.3 | 319.4 | 347.1 | 377.2 | 416.7 | 467.2 | 528.9 | 598.5 | 666.5 | 729.0 | 781.2 |
| 132.5° | 307.4 | 329.5 | 355.9 | 385.3 | 421.7 | 466.6 | 521.3 | 583.3 | 646.3 | 703.6 | 752.7 |
| 135° | 321.0 | 343.1 | 368.4 | 396.1 | 427.7 | 465.6 | 510.7 | 562.1 | 614.3 | 666.5 | 710.7 |
| 137.5° | 333.0 | 353.6 | 378.6 | 404.3 | 433.1 | 465.5 | 503.3 | 545.2 | 588.8 | 630.3 | 668.8 |
| 140° | 340.0 | 360.5 | 384.2 | 408.8 | 435.6 | 464.9 | 498.9 | 534.5 | 572.4 | 608.8 | 643.6 |
| 142.5° | 346.3 | 365.6 | 388.6 | 412.6 | 437.5 | 464.9 | 494.5 | 525.6 | 557.9 | 589.1 | 618.3 |
| 145° | 356.6 | 374.0 | 395.3 | 417.5 | 439.6 | 463.3 | 488.6 | 513.1 | 539.2 | 563.7 | 586.6 |
| 147.5° | 365.1 | 380.6 | 400.7 | 420.2 | 440.2 | 460.5 | 482.6 | 503.4 | 524.0 | 543.1 | 559.9 |
| 150° | 370.8 | 385.0 | 403.2 | 421.4 | 439.6 | 458.6 | 477.5 | 496.5 | 513.9 | 530.5 | 544.7 |
| 152.5° | 376.5 | 389.4 | 405.8 | 422.0 | 438.3 | 455.4 | 473.1 | 489.6 | 505.6 | 519.8 | 532.1 |
| 155° | 384.2 | 396.1 | 409.6 | 422.9 | 436.4 | 449.9 | 464.9 | 479.9 | 492.6 | 504.4 | 513.1 |
| 157.5° | 390.9 | 400.8 | 412.3 | 422.9 | 432.8 | 444.2 | 457.2 | 468.7 | 479.3 | 489.3 | 496.1 |
| 160° | 395.3 | 404.0 | 413.5 | 422.9 | 430.9 | 440.4 | 451.5 | 461.7 | 470.4 | 479.1 | 484.7 |
| 162.5° | 399.1 | 405.9 | 414.2 | 422.3 | 429.0 | 437.2 | 446.4 | 454.8 | 462.2 | 469.6 | 473.9 |
| 165° | 403.2 | 408.0 | 415.1 | 420.6 | 425.3 | 430.9 | 438.0 | 444.3 | 449.9 | 455.4 | 458.6 |
| 167.5° | 406.7 | 409.7 | 414.9 | 419.5 | 421.7 | 425.3 | 429.8 | 434.4 | 438.6 | 442.4 | 445.3 |
| 170° | 408.0 | 410.4 | 414.3 | 418.3 | 419.9 | 422.2 | 425.3 | 429.3 | 431.7 | 434.8 | 436.4 |
| 172.5° | 409.2 | 411.0 | 413.7 | 416.4 | 417.3 | 418.4 | 421.0 | 423.6 | 425.3 | 427.9 | 428.8 |
| 175° | 410.4 | 411.1 | 412.7 | 414.3 | 413.5 | 414.3 | 415.1 | 417.5 | 418.3 | 419.1 | 419.9 |
| 177.5° | 411.1 | 411.1 | 411.8 | 413.0 | 411.8 | 411.1 | 411.8 | 413.0 | 413.0 | 413.7 | 413.7 |
| 180° | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 |
| 2.5° | 738.3 | 737.8 | 737.8 | 735.7 | 737.8 | 737.8 | 738.3 | 740.7 | 741.4 | 741.9 | 740.9 |
| 5° | 684.9 | 684.0 | 682.5 | 684.0 | 682.5 | 684.0 | 684.9 | 689.0 | 691.1 | 693.2 | 695.0 |
| 7.5° | 632.1 | 628.5 | 628.0 | 624.5 | 628.0 | 628.5 | 632.1 | 634.0 | 638.1 | 642.8 | 647.1 |
| 10° | 593.5 | 591.1 | 590.8 | 585.2 | 590.8 | 591.1 | 593.5 | 598.5 | 602.6 | 608.2 | 614.2 |
| 12.5° | 564.1 | 558.4 | 559.6 | 556.3 | 559.6 | 558.4 | 564.1 | 564.2 | 569.0 | 572.5 | 581.8 |
| 15° | 513.3 | 513.3 | 512.1 | 507.1 | 512.1 | 513.3 | 513.3 | 521.3 | 522.8 | 528.4 | 536.4 |
| 17.5° | 476.8 | 476.2 | 473.3 | 474.8 | 473.3 | 476.2 | 476.8 | 482.7 | 483.6 | 491.2 | 497.7 |
| 20° | 455.0 | 453.2 | 449.7 | 449.7 | 449.7 | 453.2 | 455.0 | 458.3 | 462.1 | 466.5 | 472.1 |
| 22.5° | 434.4 | 434.3 | 430.6 | 431.7 | 430.6 | 434.3 | 434.4 | 437.4 | 441.1 | 446.0 | 450.7 |
| 25° | 410.4 | 408.0 | 406.2 | 407.1 | 406.2 | 408.0 | 410.4 | 410.7 | 414.8 | 418.0 | 421.0 |
| 27.5° | 387.5 | 386.2 | 386.1 | 383.7 | 386.1 | 386.2 | 387.5 | 388.2 | 390.6 | 392.5 | 395.3 |
| 30° | 374.2 | 371.3 | 371.9 | 370.4 | 371.9 | 371.3 | 374.2 | 374.5 | 375.7 | 376.9 | 380.2 |
| 32.5° | 359.1 | 358.1 | 357.4 | 356.2 | 357.4 | 358.1 | 359.1 | 359.7 | 362.0 | 363.2 | 365.8 |
| 35° | 338.4 | 338.7 | 337.2 | 337.9 | 337.2 | 338.7 | 338.4 | 339.1 | 339.4 | 340.6 | 342.9 |
| 37.5° | 320.4 | 321.4 | 320.7 | 320.8 | 320.7 | 321.4 | 320.4 | 320.7 | 321.0 | 321.2 | 321.9 |
| 40° | 308.6 | 308.6 | 308.6 | 309.4 | 308.6 | 308.6 | 308.6 | 307.7 | 308.0 | 307.7 | 307.7 |
| 42.5° | 297.2 | 296.8 | 296.3 | 296.2 | 296.3 | 296.8 | 297.2 | 295.2 | 296.1 | 295.2 | 294.7 |
| 45° | 277.8 | 278.7 | 279.0 | 277.5 | 279.0 | 278.7 | 277.8 | 277.2 | 276.3 | 276.0 | 275.8 |
| 47.5° | 260.2 | 260.3 | 260.2 | 261.5 | 260.2 | 260.3 | 260.2 | 259.4 | 258.1 | 257.5 | 256.1 |
| 50° | 248.0 | 247.3 | 248.0 | 247.3 | 248.0 | 247.3 | 248.0 | 246.4 | 245.6 | 244.1 | 242.9 |
| 52.5° | 234.9 | 235.0 | 234.6 | 234.6 | 234.6 | 235.0 | 234.9 | 233.0 | 232.5 | 232.0 | 230.1 |
| 55° | 214.5 | 215.1 | 214.8 | 214.8 | 214.8 | 215.1 | 214.5 | 213.3 | 213.0 | 211.2 | 209.5 |
| 57.5° | 193.4 | 193.9 | 194.3 | 193.0 | 194.3 | 193.9 | 193.4 | 193.2 | 193.0 | 191.2 | 189.3 |
| 60° | 178.7 | 180.1 | 179.9 | 179.3 | 179.9 | 180.1 | 178.7 | 179.0 | 178.1 | 176.9 | 175.7 |
| 62.5° | 165.2 | 165.7 | 165.6 | 165.6 | 165.6 | 165.7 | 165.2 | 163.8 | 163.4 | 162.2 | 161.1 |
| 65° | 144.3 | 145.0 | 144.1 | 145.0 | 144.1 | 145.0 | 144.3 | 143.5 | 141.4 | 140.9 | 139.7 |
| 67.5° | 121.9 | 122.2 | 122.8 | 123.2 | 122.8 | 122.2 | 121.9 | 122.3 | 121.0 | 119.9 | 119.6 |
| 70° | 108.0 | 107.7 | 108.6 | 109.5 | 108.6 | 107.7 | 108.0 | 107.4 | 106.5 | 105.6 | 104.4 |
| 72.5° | 93.3 | 94.0 | 93.6 | 94.3 | 93.6 | 94.0 | 93.3 | 93.4 | 92.5 | 91.4 | 90.2 |
| 75° | 71.9 | 72.8 | 72.5 | 73.4 | 72.5 | 72.8 | 71.9 | 72.5 | 71.9 | 70.7 | 69.6 |
| 77.5° | 52.0 | 52.0 | 52.0 | 52.4 | 52.0 | 52.0 | 52.0 | 52.4 | 51.8 | 52.2 | 50.9 |
| 80° | 39.6 | 39.1 | 38.4 | 39.6 | 38.4 | 39.1 | 39.6 | 39.6 | 38.7 | 39.6 | 38.7 |
| 82.5° | 27.6 | 28.0 | 27.3 | 27.3 | 27.3 | 28.0 | 27.6 | 28.3 | 27.9 | 28.3 | 27.4 |
| 85° | 12.8 | 12.4 | 11.8 | 11.8 | 11.8 | 12.4 | 12.8 | 12.8 | 13.6 | 13.0 | 13.0 |
| 87.5° | 7.6 | 7.4 | 7.4 | 7.1 | 7.4 | 7.4 | 7.6 | 7.6 | 7.4 | 7.6 | 7.9 |
| 90° | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 | 25.3 | 23.7 | 25.3 |
| 92.5° | 47.0 | 44.4 | 45.1 | 43.8 | 45.1 | 44.4 | 47.0 | 47.6 | 52.5 | 59.2 | 68.9 |
| 95° | 98.1 | 91.7 | 89.4 | 90.2 | 89.4 | 91.7 | 98.1 | 108.3 | 125.7 | 158.9 | 207.2 |
| 97.5° | 215.1 | 195.6 | 184.0 | 177.4 | 184.0 | 195.6 | 215.1 | 252.9 | 309.9 | 395.5 | 483.4 |
| 100° | 354.2 | 320.2 | 297.3 | 283.0 | 297.3 | 320.2 | 354.2 | 419.9 | 515.5 | 623.8 | 721.8 |
| 102.5° | 604.0 | 546.0 | 517.4 | 498.1 | 517.4 | 546.0 | 604.0 | 675.3 | 776.7 | 856.0 | 878.1 |
| 105° | 985.1 | 936.1 | 902.1 | 891.0 | 902.1 | 936.1 | 985.1 | 1034.1 | 1060.3 | 1050.0 | 960.6 |
| 107.5° | 1162.4 | 1159.7 | 1152.9 | 1138.2 | 1152.9 | 1159.7 | 1162.4 | 1156.2 | 1117.9 | 1035.7 | 901.2 |
| 110° | 1191.4 | 1206.5 | 1213.6 | 1212.8 | 1213.6 | 1206.5 | 1191.4 | 1157.5 | 1092.7 | 991.4 | 849.9 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 112.5° | 1168.7 | 1193.8 | 1207.3 | 1211.6 | 1207.3 | 1193.8 | 1168.7 | 1121.4 | 1047.1 | 939.0 | 803.1 |
| 115° | 1108.4 | 1144.8 | 1165.4 | 1172.5 | 1165.4 | 1144.8 | 1108.4 | 1052.3 | 970.9 | 867.3 | 745.5 |
| 117.5° | 1036.6 | 1075.1 | 1096.8 | 1102.7 | 1096.8 | 1075.1 | 1036.6 | 979.5 | 903.0 | 809.1 | 702.2 |
| 120° | 989.8 | 1027.0 | 1050.0 | 1057.9 | 1050.0 | 1027.0 | 989.8 | 934.5 | 862.5 | 778.8 | 680.7 |
| 122.5° | 947.5 | 984.0 | 1004.4 | 1011.1 | 1004.4 | 984.0 | 947.5 | 897.9 | 832.8 | 753.4 | 663.6 |
| 125° | 895.0 | 925.0 | 944.8 | 951.1 | 944.8 | 925.0 | 895.0 | 849.1 | 789.8 | 720.3 | 638.8 |
| 127.5° | 848.3 | 876.5 | 893.6 | 898.7 | 893.6 | 876.5 | 848.3 | 808.3 | 753.6 | 688.0 | 614.3 |
| 130° | 819.9 | 846.8 | 862.5 | 868.9 | 862.5 | 846.8 | 819.9 | 781.2 | 729.0 | 666.5 | 598.5 |
| 132.5° | 790.8 | 817.7 | 832.2 | 837.9 | 832.2 | 817.7 | 790.8 | 752.7 | 703.6 | 646.3 | 583.3 |
| 135° | 744.7 | 770.9 | 785.1 | 788.2 | 785.1 | 770.9 | 744.7 | 710.7 | 666.5 | 614.3 | 562.1 |
| 137.5° | 699.9 | 722.3 | 734.8 | 739.6 | 734.8 | 722.3 | 699.9 | 668.8 | 630.3 | 588.8 | 545.2 |
| 140° | 668.8 | 689.4 | 701.3 | 706.0 | 701.3 | 689.4 | 668.8 | 643.6 | 608.8 | 572.4 | 534.5 |
| 142.5° | 642.3 | 661.0 | 671.5 | 672.5 | 671.5 | 661.0 | 642.3 | 618.3 | 589.1 | 557.9 | 525.6 |
| 145° | 605.6 | 619.1 | 626.9 | 629.3 | 626.9 | 619.1 | 605.6 | 586.6 | 563.7 | 539.2 | 513.1 |
| 147.5° | 575.6 | 586.3 | 591.7 | 593.1 | 591.7 | 586.3 | 575.6 | 559.9 | 543.1 | 524.0 | 503.4 |
| 150° | 556.6 | 566.1 | 570.8 | 571.6 | 570.8 | 566.1 | 556.6 | 544.7 | 530.5 | 513.9 | 496.5 |
| 152.5° | 541.4 | 549.6 | 553.1 | 553.3 | 553.1 | 549.6 | 541.4 | 532.1 | 519.8 | 505.6 | 489.6 |
| 155° | 521.8 | 527.4 | 530.5 | 528.9 | 530.5 | 527.4 | 521.8 | 513.1 | 504.4 | 492.6 | 479.9 |
| 157.5° | 502.2 | 506.8 | 508.2 | 508.2 | 508.2 | 506.8 | 502.2 | 496.1 | 489.3 | 479.3 | 468.7 |
| 160° | 490.2 | 494.2 | 495.0 | 495.0 | 495.0 | 494.2 | 490.2 | 484.7 | 479.1 | 470.4 | 461.7 |
| 162.5° | 479.4 | 482.1 | 482.9 | 482.3 | 482.9 | 482.1 | 479.4 | 473.9 | 469.6 | 462.2 | 454.8 |
| 165° | 461.7 | 464.9 | 464.9 | 464.1 | 464.9 | 464.9 | 461.7 | 458.6 | 455.4 | 449.9 | 444.3 |
| 167.5° | 446.7 | 448.5 | 448.3 | 447.3 | 448.3 | 448.5 | 446.7 | 445.3 | 442.4 | 438.6 | 434.4 |
| 170° | 437.2 | 439.6 | 438.8 | 437.2 | 438.8 | 439.6 | 437.2 | 436.4 | 434.8 | 431.7 | 429.3 |
| 172.5° | 429.6 | 430.7 | 429.9 | 429.0 | 429.9 | 430.7 | 429.6 | 428.8 | 427.9 | 425.3 | 423.6 |
| 175° | 419.9 | 420.6 | 419.9 | 418.3 | 419.9 | 420.6 | 419.9 | 419.9 | 419.1 | 418.3 | 417.5 |
| 177.5° | 413.7 | 413.7 | 413.0 | 411.8 | 413.0 | 413.7 | 413.7 | 413.7 | 413.7 | 413.0 | 413.0 |
| 180° | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 |
| 2.5° | 739.7 | 742.4 | 746.4 | 750.6 | 753.2 | 758.2 | 759.6 | 762.0 | 764.1 | 769.1 | 774.3 |
| 5° | 697.0 | 701.2 | 710.9 | 716.2 | 723.7 | 732.2 | 737.8 | 743.8 | 750.3 | 761.5 | 771.9 |
| 7.5° | 651.3 | 658.1 | 670.3 | 680.2 | 690.8 | 703.1 | 711.9 | 723.7 | 733.3 | 749.2 | 764.4 |
| 10° | 620.7 | 630.4 | 641.4 | 653.2 | 668.0 | 681.0 | 693.5 | 708.3 | 720.1 | 739.0 | 756.8 |
| 12.5° | 593.3 | 594.7 | 610.4 | 623.4 | 643.6 | 659.7 | 674.1 | 693.1 | 704.7 | 727.2 | 745.9 |
| 15° | 545.3 | 554.1 | 568.3 | 578.7 | 602.6 | 623.1 | 643.2 | 663.0 | 676.3 | 704.1 | 728.6 |
| 17.5° | 504.9 | 513.0 | 527.6 | 544.5 | 561.7 | 582.0 | 608.1 | 629.0 | 647.1 | 678.8 | 707.9 |
| 20° | 479.3 | 489.3 | 504.1 | 521.6 | 536.7 | 558.9 | 581.3 | 605.3 | 624.8 | 660.6 | 694.7 |
| 22.5° | 457.5 | 465.4 | 477.4 | 494.6 | 511.1 | 531.4 | 556.0 | 582.1 | 602.6 | 641.2 | 675.7 |
| 25° | 426.9 | 433.4 | 441.1 | 455.3 | 474.0 | 496.1 | 515.4 | 544.1 | 573.9 | 610.1 | 651.7 |
| 27.5° | 399.3 | 403.9 | 410.7 | 423.3 | 437.7 | 458.4 | 479.8 | 507.0 | 537.1 | 576.2 | 620.3 |
| 30° | 382.5 | 385.5 | 392.3 | 402.7 | 416.8 | 433.1 | 454.7 | 480.8 | 511.5 | 551.2 | 594.9 |
| 32.5° | 367.9 | 370.6 | 375.0 | 384.9 | 397.2 | 411.1 | 430.6 | 456.6 | 485.9 | 524.9 | 573.4 |
| 35° | 345.9 | 347.9 | 351.7 | 359.7 | 366.5 | 380.2 | 396.4 | 420.1 | 447.6 | 484.9 | 535.2 |
| 37.5° | 323.9 | 326.7 | 329.1 | 332.5 | 341.2 | 350.1 | 364.3 | 384.3 | 411.3 | 448.9 | 496.9 |
| 40° | 309.4 | 311.8 | 315.4 | 316.9 | 323.9 | 331.9 | 343.5 | 361.8 | 389.0 | 423.3 | 470.1 |
| 42.5° | 294.8 | 297.1 | 299.3 | 301.0 | 307.1 | 314.2 | 324.6 | 340.3 | 364.4 | 397.8 | 444.1 |
| 45° | 274.8 | 275.1 | 277.2 | 280.4 | 283.4 | 288.4 | 295.9 | 309.4 | 328.1 | 359.5 | 401.5 |
| 47.5° | 254.6 | 254.9 | 255.3 | 256.7 | 260.0 | 264.5 | 269.4 | 280.5 | 297.2 | 322.3 | 363.1 |
| 50° | 241.1 | 240.5 | 241.1 | 242.3 | 244.4 | 248.2 | 253.8 | 261.8 | 275.4 | 298.8 | 336.4 |
| 52.5° | 228.1 | 228.0 | 227.6 | 228.1 | 229.7 | 232.3 | 236.3 | 243.1 | 255.3 | 276.8 | 309.9 |
| 55° | 208.3 | 206.8 | 207.1 | 205.9 | 208.6 | 209.1 | 212.1 | 217.8 | 228.4 | 243.2 | 274.3 |
| 57.5° | 187.1 | 185.9 | 184.6 | 184.3 | 184.0 | 185.6 | 188.0 | 192.4 | 200.6 | 213.6 | 238.8 |
| 60° | 173.6 | 172.2 | 170.4 | 169.8 | 169.8 | 170.7 | 171.9 | 175.2 | 182.8 | 194.4 | 215.1 |
| 62.5° | 159.9 | 158.2 | 157.2 | 155.6 | 155.1 | 156.1 | 157.2 | 159.5 | 165.1 | 175.9 | 193.8 |
| 65° | 138.8 | 136.7 | 135.2 | 134.9 | 134.4 | 133.4 | 134.0 | 136.4 | 140.9 | 149.4 | 163.6 |
| 67.5° | 117.5 | 115.6 | 115.2 | 113.5 | 112.6 | 112.8 | 112.6 | 114.7 | 117.3 | 124.7 | 135.3 |
| 70° | 103.5 | 102.0 | 101.5 | 100.0 | 99.4 | 98.8 | 98.2 | 100.0 | 102.7 | 108.8 | 118.0 |
| 72.5° | 89.4 | 88.1 | 86.8 | 85.6 | 85.7 | 85.1 | 85.0 | 86.0 | 88.2 | 94.0 | 101.0 |
| 75° | 68.9 | 69.2 | 67.7 | 66.3 | 66.0 | 65.4 | 65.4 | 66.3 | 67.2 | 71.6 | 77.2 |
| 77.5° | 50.0 | 49.7 | 48.5 | 48.0 | 47.8 | 47.1 | 47.8 | 48.3 | 48.8 | 51.8 | 55.9 |
| 80° | 38.2 | 38.2 | 36.7 | 36.7 | 36.4 | 35.5 | 36.4 | 35.8 | 37.0 | 39.9 | 42.9 |
| 82.5° | 27.3 | 26.8 | 26.8 | 26.3 | 26.2 | 25.6 | 26.0 | 26.5 | 27.0 | 29.1 | 30.8 |
| 85° | 13.3 | 13.3 | 13.0 | 12.8 | 13.0 | 12.8 | 13.0 | 13.3 | 13.6 | 14.5 | 16.0 |
| 87.5° | 8.1 | 8.5 | 8.6 | 7.8 | 6.7 | 6.2 | 5.9 | 5.9 | 6.0 | 5.6 | 5.4 |
| 90° | 26.1 | 26.9 | 26.1 | 21.3 | 15.8 | 11.9 | 9.5 | 7.9 | 6.3 | 3.2 | 0.8 |
| 92.5° | 86.8 | 102.7 | 101.3 | 78.9 | 53.8 | 35.9 | 28.4 | 23.1 | 19.6 | 13.9 | 9.7 |
| 95° | 271.2 | 309.9 | 274.3 | 182.6 | 113.8 | 77.5 | 58.5 | 45.9 | 38.7 | 30.8 | 27.6 |
| 97.5° | 555.0 | 529.1 | 398.5 | 246.1 | 150.2 | 104.5 | 83.0 | 68.4 | 57.8 | 49.4 | 45.1 |
| 100° | 738.5 | 624.6 | 430.1 | 259.4 | 162.9 | 121.0 | 98.9 | 83.0 | 70.3 | 63.2 | 60.8 |
| 102.5° | 806.8 | 627.7 | 418.1 | 260.0 | 174.3 | 135.5 | 113.4 | 97.0 | 84.3 | 77.2 | 75.4 |
| 105° | 796.1 | 585.8 | 394.5 | 264.0 | 193.7 | 156.5 | 134.4 | 117.0 | 105.1 | 99.7 | 96.5 |
| 107.5° | 726.7 | 541.0 | 382.8 | 275.0 | 213.7 | 177.6 | 155.3 | 138.1 | 127.1 | 121.8 | 119.2 |
| 110° | 683.1 | 519.4 | 380.3 | 283.8 | 226.9 | 192.1 | 169.2 | 152.6 | 142.3 | 137.6 | 134.4 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 652.8 | 505.5 | 380.9 | 293.3 | 239.6 | 206.0 | 182.4 | 166.5 | 156.9 | 151.5 | 148.3 |
| 115° | 615.1 | 490.2 | 384.2 | 307.5 | 259.4 | 225.3 | 204.0 | 188.1 | 178.7 | 174.0 | 170.0 |
| 117.5° | 591.4 | 482.8 | 389.9 | 322.7 | 277.5 | 246.1 | 223.9 | 208.7 | 200.3 | 195.6 | 192.4 |
| 120° | 578.8 | 478.3 | 393.7 | 332.9 | 290.2 | 259.4 | 237.2 | 221.3 | 214.3 | 209.5 | 206.4 |
| 122.5° | 568.0 | 475.8 | 398.2 | 341.7 | 302.1 | 273.2 | 250.5 | 234.6 | 226.9 | 222.1 | 219.7 |
| 125° | 552.6 | 471.2 | 404.8 | 355.8 | 320.2 | 291.8 | 269.6 | 253.8 | 244.3 | 239.6 | 237.2 |
| 127.5° | 538.4 | 468.5 | 411.6 | 368.9 | 337.0 | 309.3 | 286.5 | 271.3 | 260.9 | 254.3 | 251.1 |
| 130° | 528.9 | 467.2 | 416.7 | 377.2 | 347.1 | 319.4 | 297.3 | 281.5 | 270.4 | 262.4 | 259.4 |
| 132.5° | 521.3 | 466.6 | 421.7 | 385.3 | 355.9 | 329.5 | 307.4 | 291.0 | 279.2 | 270.7 | 266.9 |
| 135° | 510.7 | 465.6 | 427.7 | 396.1 | 368.4 | 343.1 | 321.0 | 302.8 | 291.0 | 281.5 | 278.3 |
| 137.5° | 503.3 | 465.5 | 433.1 | 404.3 | 378.6 | 353.6 | 333.0 | 315.0 | 302.3 | 292.9 | 289.1 |
| 140° | 498.9 | 464.9 | 435.6 | 408.8 | 384.2 | 360.5 | 340.0 | 322.6 | 309.9 | 300.5 | 297.3 |
| 142.5° | 494.5 | 464.9 | 437.5 | 412.6 | 388.6 | 365.6 | 346.3 | 329.5 | 316.9 | 308.0 | 305.5 |
| 145° | 488.6 | 463.3 | 439.6 | 417.5 | 395.3 | 374.0 | 356.6 | 340.8 | 328.9 | 321.0 | 317.8 |
| 147.5° | 482.6 | 460.5 | 440.2 | 420.2 | 400.7 | 380.6 | 365.1 | 352.0 | 341.0 | 333.5 | 331.1 |
| 150° | 477.5 | 458.6 | 439.6 | 421.4 | 403.2 | 385.0 | 370.8 | 358.9 | 348.6 | 342.3 | 340.0 |
| 152.5° | 473.1 | 455.4 | 438.3 | 422.0 | 405.8 | 389.4 | 376.5 | 365.3 | 356.2 | 349.9 | 348.8 |
| 155° | 464.9 | 449.9 | 436.4 | 422.9 | 409.6 | 396.1 | 384.2 | 375.6 | 366.9 | 362.1 | 361.3 |
| 157.5° | 457.2 | 444.2 | 432.8 | 422.9 | 412.3 | 400.8 | 390.9 | 383.9 | 376.4 | 372.6 | 371.8 |
| 160° | 451.5 | 440.4 | 430.9 | 422.9 | 413.5 | 404.0 | 395.3 | 389.0 | 382.6 | 379.5 | 378.7 |
| 162.5° | 446.4 | 437.2 | 429.0 | 422.3 | 414.2 | 405.9 | 399.1 | 393.4 | 388.3 | 385.2 | 385.6 |
| 165° | 438.0 | 430.9 | 425.3 | 420.6 | 415.1 | 408.0 | 403.2 | 399.3 | 394.5 | 392.9 | 393.7 |
| 167.5° | 429.8 | 425.3 | 421.7 | 419.5 | 414.9 | 409.7 | 406.7 | 403.9 | 400.8 | 399.4 | 400.4 |
| 170° | 425.3 | 422.2 | 419.9 | 418.3 | 414.3 | 410.4 | 408.0 | 406.4 | 404.0 | 403.2 | 404.8 |
| 172.5° | 421.0 | 418.4 | 417.3 | 416.4 | 413.7 | 411.0 | 409.2 | 408.3 | 405.9 | 406.4 | 407.3 |
| 175° | 415.1 | 414.3 | 413.5 | 414.3 | 412.7 | 411.1 | 410.4 | 410.4 | 408.8 | 409.6 | 410.4 |
| 177.5° | 411.8 | 411.1 | 411.8 | 413.0 | 411.8 | 411.1 | 411.1 | 411.1 | 409.9 | 410.5 | 411.8 |
| 180° | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 |
| 2.5° | 773.8 | 775.0 | 778.8 | 782.6 | 786.8 | 788.0 | 789.9 | 788.2 | 787.7 | 792.3 | 795.6 |
| 5° | 776.0 | 781.3 | 791.7 | 801.1 | 809.1 | 814.8 | 820.7 | 823.1 | 827.5 | 833.7 | 841.4 |
| 7.5° | 773.5 | 783.9 | 800.2 | 814.0 | 828.9 | 839.8 | 848.3 | 855.5 | 864.2 | 876.0 | 888.8 |
| 10° | 770.7 | 784.6 | 804.4 | 821.3 | 839.6 | 853.5 | 865.1 | 876.3 | 889.3 | 905.6 | 922.4 |
| 12.5° | 765.5 | 782.0 | 806.8 | 826.7 | 850.2 | 864.0 | 879.5 | 903.7 | 917.7 | 940.4 | 964.1 |
| 15° | 755.0 | 773.3 | 807.9 | 832.5 | 859.1 | 885.2 | 913.9 | 936.9 | 960.0 | 973.4 | 1006.8 |
| 17.5° | 739.4 | 766.4 | 804.7 | 833.4 | 867.2 | 908.2 | 940.4 | 966.6 | 993.2 | 1014.8 | 1031.6 |
| 20° | 726.9 | 756.2 | 799.9 | 834.3 | 874.5 | 918.6 | 955.6 | 982.2 | 1005.3 | 1023.3 | 1033.7 |
| 22.5° | 711.1 | 747.9 | 790.5 | 830.8 | 882.1 | 925.7 | 964.6 | 985.6 | 1004.8 | 1013.6 | 1017.6 |
| 25° | 686.0 | 730.5 | 778.6 | 827.8 | 885.7 | 931.9 | 967.4 | 980.2 | 985.8 | 977.2 | 963.0 |
| 27.5° | 659.2 | 708.6 | 765.0 | 822.2 | 883.5 | 927.9 | 953.3 | 951.3 | 941.8 | 914.0 | 891.8 |
| 30° | 639.1 | 693.5 | 754.1 | 816.5 | 878.1 | 921.2 | 936.0 | 921.2 | 899.7 | 868.6 | 836.9 |
| 32.5° | 618.0 | 674.3 | 742.5 | 808.5 | 868.2 | 906.1 | 909.3 | 883.8 | 850.4 | 815.2 | 775.6 |
| 35° | 586.1 | 647.1 | 720.6 | 790.5 | 847.0 | 871.0 | 856.7 | 811.8 | 772.1 | 724.0 | 670.1 |
| 37.5° | 550.0 | 617.3 | 691.2 | 764.1 | 815.4 | 821.7 | 786.4 | 739.0 | 683.1 | 626.5 | 563.1 |
| 40° | 523.1 | 594.4 | 670.4 | 744.0 | 789.3 | 782.8 | 737.8 | 685.8 | 619.2 | 550.0 | 491.1 |
| 42.5° | 498.9 | 570.2 | 647.7 | 719.9 | 756.2 | 738.3 | 685.8 | 621.9 | 550.3 | 485.1 | 431.3 |
| 45° | 457.1 | 530.4 | 609.7 | 679.5 | 700.3 | 668.0 | 598.5 | 527.5 | 457.1 | 402.7 | 360.0 |
| 47.5° | 416.5 | 489.0 | 567.5 | 628.9 | 636.3 | 592.9 | 516.9 | 443.9 | 383.3 | 339.0 | 309.0 |
| 50° | 386.7 | 459.5 | 537.3 | 592.0 | 589.6 | 537.3 | 459.1 | 389.6 | 339.1 | 303.2 | 283.1 |
| 52.5° | 359.9 | 428.6 | 503.4 | 553.2 | 540.7 | 483.5 | 409.0 | 347.3 | 305.7 | 277.7 | 259.4 |
| 55° | 318.3 | 381.9 | 453.0 | 492.9 | 469.8 | 406.5 | 343.5 | 293.7 | 263.0 | 242.0 | 227.8 |
| 57.5° | 277.0 | 336.7 | 397.4 | 422.1 | 396.6 | 338.1 | 285.6 | 249.5 | 226.4 | 210.8 | 201.6 |
| 60° | 251.4 | 303.6 | 357.7 | 379.0 | 348.5 | 296.4 | 255.0 | 222.8 | 204.1 | 191.4 | 183.2 |
| 62.5° | 225.9 | 272.5 | 323.6 | 335.2 | 307.3 | 263.3 | 226.6 | 199.8 | 184.5 | 173.2 | 165.4 |
| 65° | 191.2 | 229.3 | 268.1 | 275.8 | 250.0 | 215.9 | 187.0 | 169.5 | 155.9 | 147.7 | 141.4 |
| 67.5° | 156.8 | 187.4 | 214.8 | 221.0 | 198.5 | 174.9 | 153.9 | 138.8 | 129.5 | 122.6 | 117.4 |
| 70° | 136.4 | 160.7 | 183.2 | 188.1 | 170.1 | 149.1 | 133.2 | 121.0 | 112.7 | 106.8 | 101.8 |
| 72.5° | 114.9 | 135.1 | 153.8 | 157.2 | 142.4 | 126.4 | 113.3 | 103.7 | 96.4 | 92.6 | 87.8 |
| 75° | 87.9 | 99.7 | 114.2 | 115.1 | 105.4 | 95.5 | 85.5 | 79.3 | 75.4 | 70.7 | 68.4 |
| 77.5° | 62.0 | 71.3 | 79.6 | 81.2 | 75.4 | 68.8 | 63.1 | 58.2 | 55.0 | 52.8 | 50.6 |
| 80° | 47.4 | 54.7 | 58.3 | 60.4 | 56.2 | 51.5 | 48.2 | 45.0 | 42.9 | 41.4 | 39.9 |
| 82.5° | 33.8 | 38.4 | 41.7 | 43.3 | 41.0 | 38.3 | 34.9 | 33.1 | 31.5 | 30.3 | 29.8 |
| 85° | 17.2 | 19.3 | 21.3 | 21.9 | 21.3 | 20.1 | 18.4 | 18.4 | 17.4 | 17.2 | 17.2 |
| 87.5° | 6.6 | 8.2 | 8.5 | 9.5 | 9.5 | 10.3 | 11.4 | 12.1 | 12.0 | 11.6 | 11.2 |
| 90° | 3.2 | 6.3 | 7.9 | 9.5 | 11.9 | 15.8 | 21.3 | 26.1 | 26.9 | 26.1 | 25.3 |
| 92.5° | 13.9 | 19.6 | 23.1 | 28.4 | 35.9 | 53.8 | 78.9 | 101.3 | 102.7 | 86.8 | 68.9 |
| 95° | 30.8 | 38.7 | 45.9 | 58.5 | 77.5 | 113.8 | 182.6 | 274.3 | 309.9 | 271.2 | 207.2 |
| 97.5° | 49.4 | 57.8 | 68.4 | 83.0 | 104.5 | 150.2 | 246.1 | 398.5 | 529.1 | 555.0 | 483.4 |
| 100° | 63.2 | 70.3 | 83.0 | 98.9 | 121.0 | 162.9 | 259.4 | 430.1 | 624.6 | 738.5 | 721.8 |
| 102.5° | 77.2 | 84.3 | 97.0 | 113.4 | 135.5 | 174.3 | 260.0 | 418.1 | 627.7 | 806.8 | 878.1 |
| 105° | 99.7 | 105.1 | 117.0 | 134.4 | 156.5 | 193.7 | 264.0 | 394.5 | 585.8 | 796.1 | 960.6 |
| 107.5° | 121.8 | 127.1 | 138.1 | 155.3 | 177.6 | 213.7 | 275.0 | 382.8 | 541.0 | 726.7 | 901.2 |
| 110° | 137.6 | 142.3 | 152.6 | 169.2 | 192.1 | 226.9 | 283.8 | 380.3 | 519.4 | 683.1 | 849.9 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 151.5 | 156.9 | 166.5 | 182.4 | 206.0 | 239.6 | 293.3 | 380.9 | 505.5 | 652.8 | 803.1 |
| 115° | 174.0 | 178.7 | 188.1 | 204.0 | 225.3 | 259.4 | 307.5 | 384.2 | 490.2 | 615.1 | 745.5 |
| 117.5° | 195.6 | 200.3 | 208.7 | 223.9 | 246.1 | 277.5 | 322.7 | 389.9 | 482.8 | 591.4 | 702.2 |
| 120° | 209.5 | 214.3 | 221.3 | 237.2 | 259.4 | 290.2 | 332.9 | 393.7 | 478.3 | 578.8 | 680.7 |
| 122.5° | 222.1 | 226.9 | 234.6 | 250.5 | 273.2 | 302.1 | 341.7 | 398.2 | 475.8 | 568.0 | 663.6 |
| 125° | 239.6 | 244.3 | 253.8 | 269.6 | 291.8 | 320.2 | 355.8 | 404.8 | 471.2 | 552.6 | 638.8 |
| 127.5° | 254.3 | 260.9 | 271.3 | 286.5 | 309.3 | 337.0 | 368.9 | 411.6 | 468.5 | 538.4 | 614.3 |
| 130° | 262.4 | 270.4 | 281.5 | 297.3 | 319.4 | 347.1 | 377.2 | 416.7 | 467.2 | 528.9 | 598.5 |
| 132.5° | 270.7 | 279.2 | 291.0 | 307.4 | 329.5 | 355.9 | 385.3 | 421.7 | 466.6 | 521.3 | 583.3 |
| 135° | 281.5 | 291.0 | 302.8 | 321.0 | 343.1 | 368.4 | 396.1 | 427.7 | 465.6 | 510.7 | 562.1 |
| 137.5° | 292.9 | 302.3 | 315.0 | 333.0 | 353.6 | 378.6 | 404.3 | 433.1 | 465.5 | 503.3 | 545.2 |
| 140° | 300.5 | 309.9 | 322.6 | 340.0 | 360.5 | 384.2 | 408.8 | 435.6 | 464.9 | 498.9 | 534.5 |
| 142.5° | 308.0 | 316.9 | 329.5 | 346.3 | 365.6 | 388.6 | 412.6 | 437.5 | 464.9 | 494.5 | 525.6 |
| 145° | 321.0 | 328.9 | 340.8 | 356.6 | 374.0 | 395.3 | 417.5 | 439.6 | 463.3 | 488.6 | 513.1 |
| 147.5° | 333.5 | 341.0 | 352.0 | 365.1 | 380.6 | 400.7 | 420.2 | 440.2 | 460.5 | 482.6 | 503.4 |
| 150° | 342.3 | 348.6 | 358.9 | 370.8 | 385.0 | 403.2 | 421.4 | 439.6 | 458.6 | 477.5 | 496.5 |
| 152.5° | 349.9 | 356.2 | 365.3 | 376.5 | 389.4 | 405.8 | 422.0 | 438.3 | 455.4 | 473.1 | 489.6 |
| 155° | 362.1 | 366.9 | 375.6 | 384.2 | 396.1 | 409.6 | 422.9 | 436.4 | 449.9 | 464.9 | 479.9 |
| 157.5° | 372.6 | 376.4 | 383.9 | 390.9 | 400.8 | 412.3 | 422.9 | 432.8 | 444.2 | 457.2 | 468.7 |
| 160° | 379.5 | 382.6 | 389.0 | 395.3 | 404.0 | 413.5 | 422.9 | 430.9 | 440.4 | 451.5 | 461.7 |
| 162.5° | 385.2 | 388.3 | 393.4 | 399.1 | 405.9 | 414.2 | 422.3 | 429.0 | 437.2 | 446.4 | 454.8 |
| 165° | 392.9 | 394.5 | 399.3 | 403.2 | 408.0 | 415.1 | 420.6 | 425.3 | 430.9 | 438.0 | 444.3 |
| 167.5° | 399.4 | 400.8 | 403.9 | 406.7 | 409.7 | 414.9 | 419.5 | 421.7 | 425.3 | 429.8 | 434.4 |
| 170° | 403.2 | 404.0 | 406.4 | 408.0 | 410.4 | 414.3 | 418.3 | 419.9 | 422.2 | 425.3 | 429.3 |
| 172.5° | 406.4 | 405.9 | 408.3 | 409.2 | 411.0 | 413.7 | 416.4 | 417.3 | 418.4 | 421.0 | 423.6 |
| 175° | 409.6 | 408.8 | 410.4 | 410.4 | 411.1 | 412.7 | 414.3 | 413.5 | 414.3 | 415.1 | 417.5 |
| 177.5° | 410.5 | 409.9 | 411.1 | 411.1 | 411.1 | 411.8 | 413.0 | 411.8 | 411.1 | 411.8 | 413.0 |
| 180° | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 | 769.8 |
| 2.5° | 798.4 | 801.8 | 801.8 | 802.2 | 806.0 | 805.6 | 805.3 |
| 5° | 849.7 | 854.7 | 855.3 | 860.6 | 864.2 | 863.0 | 859.8 |
| 7.5° | 898.0 | 907.4 | 914.5 | 918.5 | 923.1 | 926.0 | 924.7 |
| 10° | 936.4 | 950.0 | 958.2 | 963.8 | 970.7 | 975.7 | 973.9 |
| 12.5° | 971.1 | 987.4 | 998.7 | 1008.4 | 1009.2 | 1015.7 | 1011.3 |
| 15° | 1025.4 | 1042.6 | 1044.3 | 1051.5 | 1057.1 | 1056.5 | 1056.8 |
| 17.5° | 1043.3 | 1048.8 | 1050.0 | 1050.1 | 1050.2 | 1048.1 | 1043.6 |
| 20° | 1037.0 | 1034.9 | 1029.8 | 1026.0 | 1019.2 | 1018.3 | 1012.4 |
| 22.5° | 1006.6 | 1000.1 | 987.5 | 979.1 | 968.5 | 965.7 | 964.1 |
| 25° | 947.0 | 932.5 | 912.4 | 893.2 | 887.8 | 877.5 | 880.4 |
| 27.5° | 865.1 | 842.6 | 820.8 | 805.2 | 791.1 | 775.5 | 780.0 |
| 30° | 807.6 | 782.2 | 751.5 | 727.8 | 712.7 | 697.9 | 695.2 |
| 32.5° | 739.0 | 701.7 | 667.4 | 646.6 | 623.4 | 614.1 | 603.9 |
| 35° | 620.7 | 584.3 | 550.2 | 521.0 | 504.1 | 491.1 | 479.3 |
| 37.5° | 514.2 | 472.4 | 444.9 | 421.2 | 409.0 | 401.6 | 403.4 |
| 40° | 448.2 | 411.5 | 391.4 | 373.4 | 362.1 | 356.8 | 358.0 |
| 42.5° | 394.7 | 367.3 | 350.7 | 338.3 | 330.4 | 327.4 | 326.7 |
| 45° | 334.0 | 318.6 | 305.0 | 297.9 | 294.1 | 290.8 | 288.8 |
| 47.5° | 292.6 | 280.0 | 272.4 | 268.2 | 264.7 | 261.5 | 261.4 |
| 50° | 267.8 | 259.4 | 254.1 | 249.7 | 247.0 | 244.6 | 246.8 |
| 52.5° | 248.8 | 241.2 | 235.9 | 232.0 | 230.9 | 228.8 | 228.8 |
| 55° | 220.7 | 214.8 | 211.0 | 207.4 | 205.7 | 204.5 | 203.0 |
| 57.5° | 195.1 | 189.5 | 186.0 | 183.7 | 180.4 | 179.2 | 178.7 |
| 60° | 176.9 | 172.5 | 168.9 | 166.0 | 164.5 | 162.2 | 162.2 |
| 62.5° | 160.1 | 155.7 | 152.3 | 150.1 | 147.7 | 146.7 | 146.9 |
| 65° | 135.8 | 132.2 | 129.0 | 126.6 | 126.0 | 124.3 | 124.8 |
| 67.5° | 113.4 | 111.1 | 107.7 | 106.3 | 105.2 | 104.3 | 103.5 |
| 70° | 98.5 | 96.2 | 94.3 | 92.6 | 91.7 | 91.7 | 91.7 |
| 72.5° | 86.0 | 83.1 | 82.1 | 79.9 | 80.3 | 79.4 | 78.4 |
| 75° | 66.5 | 64.8 | 63.9 | 63.0 | 61.6 | 61.6 | 61.6 |
| 77.5° | 49.0 | 48.5 | 47.4 | 46.4 | 46.1 | 45.8 | 45.9 |
| 80° | 37.9 | 37.5 | 37.0 | 37.0 | 36.4 | 36.1 | 35.5 |
| 82.5° | 29.1 | 28.4 | 28.0 | 27.7 | 27.6 | 27.6 | 27.5 |
| 85° | 16.6 | 16.0 | 16.0 | 16.2 | 15.7 | 15.7 | 16.0 |
| 87.5° | 11.2 | 11.5 | 11.4 | 11.4 | 11.6 | 11.4 | 11.4 |
| 90° | 23.7 | 25.3 | 26.1 | 26.1 | 26.1 | 26.1 | 26.1 |
| 92.5° | 59.2 | 52.5 | 47.6 | 47.0 | 44.4 | 45.1 | 43.8 |
| 95° | 158.9 | 125.7 | 108.3 | 98.1 | 91.7 | 89.4 | 90.2 |
| 97.5° | 395.5 | 309.9 | 252.9 | 215.1 | 195.6 | 184.0 | 177.4 |
| 100° | 623.8 | 515.5 | 419.9 | 354.2 | 320.2 | 297.3 | 283.0 |
| 102.5° | 856.0 | 776.7 | 675.3 | 604.0 | 546.0 | 517.4 | 498.1 |
| 105° | 1050.0 | 1060.3 | 1034.1 | 985.1 | 936.1 | 902.1 | 891.0 |
| 107.5° | 1035.7 | 1117.9 | 1156.2 | 1162.4 | 1159.7 | 1152.9 | 1138.2 |
| 110° | 991.4 | 1092.7 | 1157.5 | 1191.4 | 1206.5 | 1213.6 | 1212.8 |



TEST NUMBER: P331314-927

CATALOG NUMBER: S122DIP-S485D925U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|--------|--------|--------|--------|--------|--------|
| 112.5° | 939.0 | 1047.1 | 1121.4 | 1168.7 | 1193.8 | 1207.3 | 1211.6 |
| 115° | 867.3 | 970.9 | 1052.3 | 1108.4 | 1144.8 | 1165.4 | 1172.5 |
| 117.5° | 809.1 | 903.0 | 979.5 | 1036.6 | 1075.1 | 1096.8 | 1102.7 |
| 120° | 778.8 | 862.5 | 934.5 | 989.8 | 1027.0 | 1050.0 | 1057.9 |
| 122.5° | 753.4 | 832.8 | 897.9 | 947.5 | 984.0 | 1004.4 | 1011.1 |
| 125° | 720.3 | 789.8 | 849.1 | 895.0 | 925.0 | 944.8 | 951.1 |
| 127.5° | 688.0 | 753.6 | 808.3 | 848.3 | 876.5 | 893.6 | 898.7 |
| 130° | 666.5 | 729.0 | 781.2 | 819.9 | 846.8 | 862.5 | 868.9 |
| 132.5° | 646.3 | 703.6 | 752.7 | 790.8 | 817.7 | 832.2 | 837.9 |
| 135° | 614.3 | 666.5 | 710.7 | 744.7 | 770.9 | 785.1 | 788.2 |
| 137.5° | 588.8 | 630.3 | 668.8 | 699.9 | 722.3 | 734.8 | 739.6 |
| 140° | 572.4 | 608.8 | 643.6 | 668.8 | 689.4 | 701.3 | 706.0 |
| 142.5° | 557.9 | 589.1 | 618.3 | 642.3 | 661.0 | 671.5 | 672.5 |
| 145° | 539.2 | 563.7 | 586.6 | 605.6 | 619.1 | 626.9 | 629.3 |
| 147.5° | 524.0 | 543.1 | 559.9 | 575.6 | 586.3 | 591.7 | 593.1 |
| 150° | 513.9 | 530.5 | 544.7 | 556.6 | 566.1 | 570.8 | 571.6 |
| 152.5° | 505.6 | 519.8 | 532.1 | 541.4 | 549.6 | 553.1 | 553.3 |
| 155° | 492.6 | 504.4 | 513.1 | 521.8 | 527.4 | 530.5 | 528.9 |
| 157.5° | 479.3 | 489.3 | 496.1 | 502.2 | 506.8 | 508.2 | 508.2 |
| 160° | 470.4 | 479.1 | 484.7 | 490.2 | 494.2 | 495.0 | 495.0 |
| 162.5° | 462.2 | 469.6 | 473.9 | 479.4 | 482.1 | 482.9 | 482.3 |
| 165° | 449.9 | 455.4 | 458.6 | 461.7 | 464.9 | 464.9 | 464.1 |
| 167.5° | 438.6 | 442.4 | 445.3 | 446.7 | 448.5 | 448.3 | 447.3 |
| 170° | 431.7 | 434.8 | 436.4 | 437.2 | 439.6 | 438.8 | 437.2 |
| 172.5° | 425.3 | 427.9 | 428.8 | 429.6 | 430.7 | 429.9 | 429.0 |
| 175° | 418.3 | 419.1 | 419.9 | 419.9 | 420.6 | 419.9 | 418.3 |
| 177.5° | 413.0 | 413.7 | 413.7 | 413.7 | 413.7 | 413.0 | 411.8 |
| 180° | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 | 411.1 |

(END OF REPORT)