

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: P331597-840

Luminaire Tested: **S122DIW-S1005D970U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331597-840
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122DIW-S1005D970U840-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 970 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8354.0 lumens
Efficiency: N/A
Efficacy: 123.9 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: General Diffuse

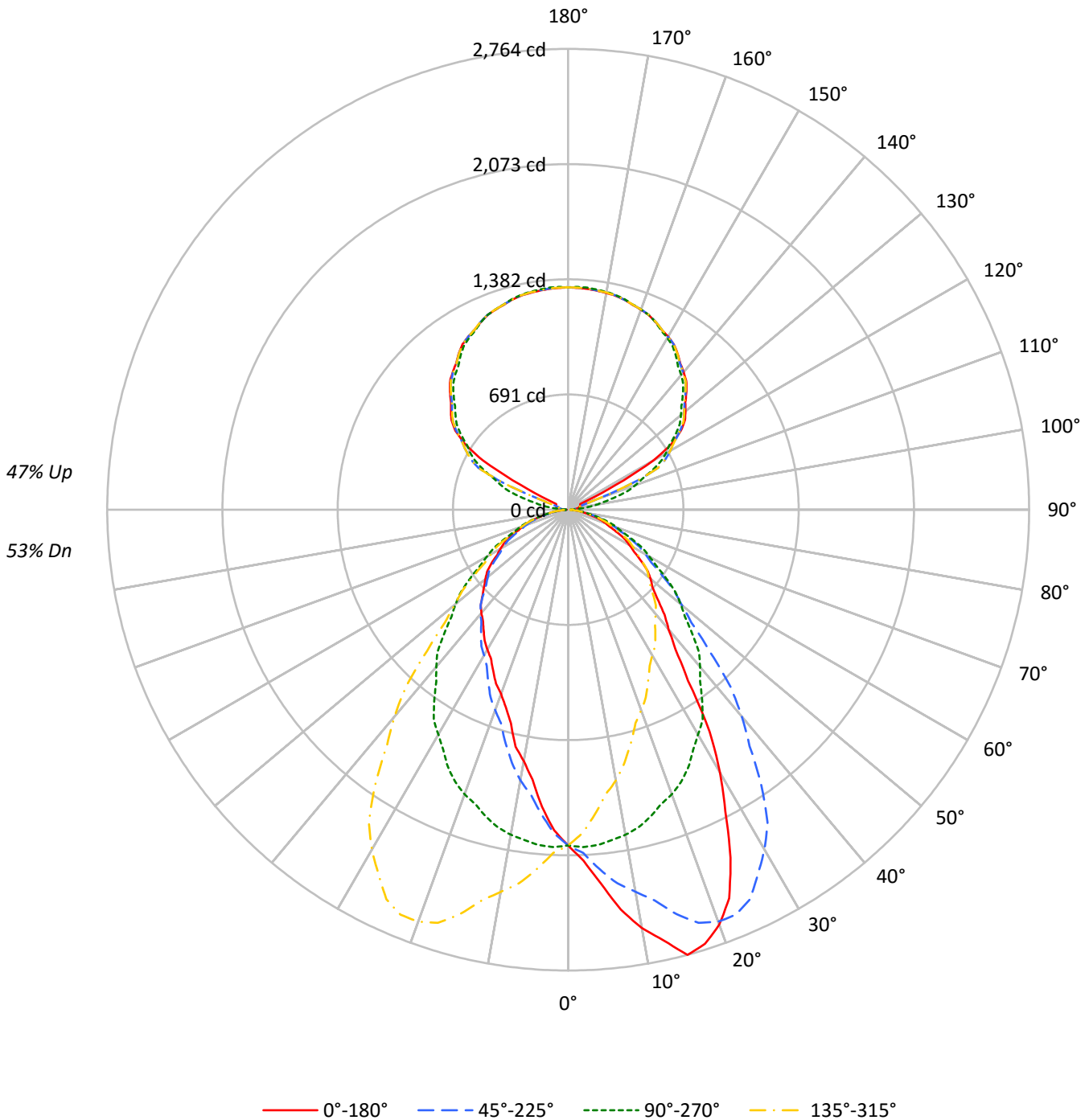
Input Watts (W): 67.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 85 | 85 | 85 | 72 | 72 | 72 | 59 | 59 | 59 | 53 |
| 1 | 99 | 95 | 91 | 88 | 92 | 88 | 85 | 82 | 75 | 73 | 71 | 64 | 62 | 61 | 53 | 52 | 51 | 46 |
| 2 | 91 | 83 | 78 | 73 | 84 | 78 | 72 | 68 | 67 | 63 | 60 | 57 | 54 | 51 | 47 | 45 | 44 | 39 |
| 3 | 83 | 74 | 67 | 61 | 77 | 69 | 63 | 58 | 59 | 55 | 51 | 50 | 47 | 44 | 42 | 40 | 38 | 34 |
| 4 | 76 | 66 | 58 | 52 | 70 | 61 | 55 | 49 | 53 | 48 | 44 | 45 | 41 | 38 | 38 | 35 | 33 | 29 |
| 5 | 70 | 59 | 51 | 45 | 65 | 55 | 48 | 43 | 48 | 42 | 38 | 41 | 37 | 34 | 35 | 32 | 29 | 26 |
| 6 | 65 | 53 | 45 | 39 | 60 | 50 | 43 | 37 | 43 | 38 | 33 | 37 | 33 | 30 | 32 | 28 | 26 | 23 |
| 7 | 60 | 48 | 40 | 35 | 56 | 45 | 38 | 33 | 39 | 34 | 30 | 34 | 30 | 26 | 29 | 26 | 23 | 21 |
| 8 | 56 | 44 | 36 | 31 | 52 | 41 | 34 | 29 | 36 | 31 | 27 | 31 | 27 | 24 | 27 | 23 | 21 | 19 |
| 9 | 52 | 40 | 33 | 28 | 48 | 38 | 31 | 26 | 33 | 28 | 24 | 29 | 25 | 21 | 25 | 21 | 19 | 17 |
| 10 | 49 | 37 | 30 | 25 | 45 | 35 | 28 | 24 | 31 | 25 | 22 | 27 | 23 | 20 | 23 | 20 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 32513 | 32513 | 32513 | 32513 |
| 5° | 36451 | 32725 | 29000 | 32725 |
| 10° | 41769 | 32455 | 25097 | 32455 |
| 15° | 46208 | 31861 | 22173 | 31861 |
| 20° | 45505 | 31223 | 20213 | 31223 |
| 25° | 41031 | 30375 | 18971 | 30375 |
| 30° | 33907 | 29015 | 18066 | 29015 |
| 35° | 24711 | 27595 | 17420 | 27595 |
| 40° | 19736 | 25918 | 17062 | 25918 |
| 45° | 17249 | 23980 | 16575 | 23980 |
| 50° | 16211 | 22102 | 16252 | 22102 |
| 55° | 14945 | 20194 | 15817 | 20194 |
| 60° | 13695 | 18167 | 15145 | 18167 |
| 65° | 12478 | 16351 | 14487 | 16351 |
| 70° | 11325 | 14578 | 13520 | 14578 |
| 75° | 10044 | 12601 | 11977 | 12601 |
| 80° | 8638 | 10432 | 9642 | 10432 |
| 85° | 7744 | 7744 | 5743 | 7744 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 191.8 | 2.3 |
| 10°-20° | 557.5 | 6.7 |
| 20°-30° | 809.1 | 9.7 |
| 30°-40° | 853.9 | 10.2 |
| 40°-50° | 756.0 | 9.0 |
| 50°-60° | 603.3 | 7.2 |
| 60°-70° | 410.1 | 4.9 |
| 70°-80° | 210.2 | 2.5 |
| 80°-90° | 54.0 | 0.6 |
| 90°-100° | 44.5 | 0.5 |
| 100°-110° | 163.1 | 2.0 |
| 110°-120° | 436.1 | 5.2 |
| 120°-130° | 719.8 | 8.6 |
| 130°-140° | 765.5 | 9.2 |
| 140°-150° | 711.5 | 8.5 |
| 150°-160° | 572.1 | 6.8 |
| 160°-170° | 368.6 | 4.4 |
| 170°-180° | 126.9 | 1.5 |
| 0°-30° | 1558.5 | 18.7 |
| 0°-40° | 2412.3 | 28.9 |
| 0°-60° | 3771.7 | 45.1 |
| 0°-90° | 4445.9 | 53.2 |
| 90°-120° | 643.7 | 7.7 |
| 90°-150° | 2840.5 | 34.0 |
| 90°-180° | 3908.0 | 46.8 |
| 0°-180° | 8354.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 2014 | 2014 | 2014 | 2014 | 2014 | |
| 5° | 2249 | 2019 | 1789 | 2019 | 2249 | 225 |
| 15° | 2764 | 1906 | 1326 | 1906 | 2764 | 763 |
| 25° | 2303 | 1705 | 1065 | 1705 | 2303 | 1041 |
| 35° | 1254 | 1400 | 884 | 1400 | 1254 | 815 |
| 45° | 755 | 1050 | 726 | 1050 | 755 | 594 |
| 55° | 531 | 717 | 562 | 717 | 531 | 476 |
| 65° | 327 | 428 | 379 | 428 | 327 | 325 |
| 75° | 161 | 202 | 192 | 202 | 161 | 172 |
| 85° | 42 | 42 | 31 | 42 | 42 | 46 |
| 90° | 26 | 1 | 26 | 1 | 26 | 14 |
| 95° | 42 | 63 | 42 | 63 | 42 | 39 |
| 105° | 73 | 293 | 73 | 293 | 73 | 76 |
| 115° | 79 | 555 | 79 | 555 | 79 | 198 |
| 125° | 825 | 784 | 825 | 784 | 825 | 714 |
| 135° | 1003 | 971 | 1003 | 971 | 1003 | 773 |
| 145° | 1144 | 1126 | 1144 | 1126 | 1144 | 715 |
| 155° | 1241 | 1240 | 1241 | 1240 | 1241 | 573 |
| 165° | 1304 | 1307 | 1304 | 1307 | 1304 | 368 |
| 175° | 1329 | 1336 | 1329 | 1336 | 1329 | 127 |
| 180° | 1334 | 1334 | 1334 | 1334 | 1334 | |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5° | 2106.6 | 2107.2 | 2108.4 | 2098.5 | 2097.3 | 2097.3 | 2088.6 | 2081.2 | 2072.5 | 2060.7 | 2062.0 |
| 5° | 2249.0 | 2257.5 | 2260.6 | 2251.3 | 2237.4 | 2235.8 | 2222.7 | 2201.0 | 2180.9 | 2164.6 | 2153.0 |
| 7.5° | 2418.9 | 2422.4 | 2414.8 | 2402.6 | 2392.2 | 2373.6 | 2349.1 | 2325.1 | 2291.6 | 2260.8 | 2237.9 |
| 10° | 2547.7 | 2552.3 | 2539.2 | 2521.4 | 2506.7 | 2485.1 | 2449.4 | 2413.1 | 2368.9 | 2326.4 | 2292.3 |
| 12.5° | 2645.5 | 2657.0 | 2640.1 | 2637.8 | 2612.6 | 2582.8 | 2540.4 | 2522.0 | 2459.9 | 2400.7 | 2364.2 |
| 15° | 2764.4 | 2763.6 | 2765.2 | 2750.5 | 2731.9 | 2727.2 | 2682.4 | 2633.6 | 2546.2 | 2511.3 | 2450.9 |
| 17.5° | 2730.1 | 2741.8 | 2747.2 | 2747.0 | 2746.6 | 2743.7 | 2729.3 | 2698.5 | 2654.6 | 2598.2 | 2528.5 |
| 20° | 2648.4 | 2663.8 | 2666.1 | 2683.9 | 2694.0 | 2707.1 | 2712.6 | 2704.0 | 2677.0 | 2629.8 | 2569.4 |
| 22.5° | 2522.0 | 2526.4 | 2533.7 | 2561.3 | 2583.1 | 2616.2 | 2633.3 | 2661.9 | 2651.6 | 2628.5 | 2578.1 |
| 25° | 2303.2 | 2295.4 | 2322.5 | 2336.4 | 2386.7 | 2439.3 | 2477.3 | 2519.1 | 2556.3 | 2578.7 | 2563.9 |
| 27.5° | 2040.3 | 2028.7 | 2069.3 | 2106.3 | 2147.2 | 2204.1 | 2263.2 | 2333.0 | 2391.1 | 2463.7 | 2488.6 |
| 30° | 1818.7 | 1825.6 | 1864.3 | 1903.8 | 1965.7 | 2046.2 | 2112.7 | 2189.4 | 2272.2 | 2353.5 | 2409.9 |
| 32.5° | 1579.7 | 1606.5 | 1630.9 | 1691.4 | 1746.0 | 1835.7 | 1933.2 | 2029.0 | 2132.3 | 2224.7 | 2312.2 |
| 35° | 1253.7 | 1284.6 | 1318.8 | 1362.8 | 1439.5 | 1528.4 | 1623.7 | 1752.9 | 1893.8 | 2019.9 | 2123.6 |
| 37.5° | 1055.3 | 1050.4 | 1069.9 | 1101.8 | 1163.8 | 1235.7 | 1345.2 | 1472.9 | 1638.7 | 1787.0 | 1933.2 |
| 40° | 936.4 | 933.3 | 947.3 | 976.6 | 1023.9 | 1076.5 | 1172.5 | 1284.6 | 1438.7 | 1619.8 | 1793.9 |
| 42.5° | 854.7 | 856.6 | 864.3 | 885.0 | 917.4 | 960.7 | 1032.6 | 1128.0 | 1269.1 | 1439.7 | 1626.8 |
| 45° | 755.4 | 760.7 | 769.3 | 779.3 | 797.9 | 833.5 | 873.7 | 941.9 | 1053.3 | 1195.7 | 1379.9 |
| 47.5° | 683.8 | 684.0 | 692.7 | 701.5 | 712.5 | 732.6 | 765.4 | 808.1 | 886.8 | 1002.7 | 1161.0 |
| 50° | 645.4 | 640.1 | 646.2 | 653.2 | 664.8 | 678.7 | 700.3 | 740.6 | 793.2 | 886.9 | 1019.3 |
| 52.5° | 598.3 | 598.5 | 604.1 | 606.7 | 617.1 | 631.1 | 650.9 | 678.7 | 726.4 | 799.6 | 908.4 |
| 55° | 530.9 | 534.7 | 537.9 | 542.5 | 551.8 | 561.9 | 577.3 | 595.9 | 633.1 | 688.0 | 768.5 |
| 57.5° | 467.5 | 468.7 | 471.8 | 480.6 | 486.5 | 495.7 | 510.5 | 527.4 | 551.5 | 592.2 | 652.7 |
| 60° | 424.1 | 424.1 | 430.3 | 434.1 | 441.9 | 451.2 | 462.8 | 479.1 | 500.7 | 534.0 | 582.8 |
| 62.5° | 384.5 | 383.8 | 386.4 | 392.6 | 398.6 | 407.3 | 418.8 | 432.6 | 453.0 | 482.6 | 522.7 |
| 65° | 326.6 | 325.1 | 329.7 | 331.2 | 337.4 | 346.0 | 355.3 | 369.9 | 386.2 | 407.9 | 443.4 |
| 67.5° | 270.8 | 272.8 | 275.2 | 278.1 | 281.6 | 290.5 | 296.7 | 307.1 | 320.8 | 338.8 | 362.9 |
| 70° | 239.9 | 239.9 | 239.9 | 242.3 | 246.9 | 251.6 | 257.7 | 266.2 | 279.4 | 294.9 | 316.5 |
| 72.5° | 205.2 | 207.7 | 210.2 | 208.8 | 214.7 | 217.4 | 224.9 | 229.7 | 242.3 | 252.2 | 271.4 |
| 75° | 161.0 | 161.0 | 161.0 | 164.8 | 167.1 | 169.5 | 174.1 | 178.7 | 185.0 | 197.3 | 207.4 |
| 77.5° | 120.1 | 119.8 | 120.6 | 121.5 | 124.0 | 126.7 | 128.2 | 132.3 | 138.0 | 143.8 | 152.3 |
| 80° | 92.9 | 94.4 | 95.2 | 96.7 | 96.7 | 98.3 | 99.1 | 104.5 | 108.4 | 112.2 | 117.6 |
| 82.5° | 71.8 | 72.1 | 72.3 | 72.6 | 73.2 | 74.1 | 76.1 | 77.9 | 79.3 | 82.5 | 86.6 |
| 85° | 41.8 | 41.0 | 41.0 | 42.5 | 41.8 | 41.8 | 43.3 | 44.8 | 44.8 | 45.6 | 48.0 |
| 87.5° | 21.3 | 21.2 | 21.7 | 21.0 | 21.0 | 21.4 | 21.2 | 20.4 | 20.8 | 21.2 | 21.5 |
| 90° | 26.1 | 25.7 | 25.1 | 24.7 | 24.3 | 23.6 | 22.5 | 21.4 | 20.4 | 19.3 | 17.6 |
| 92.5° | 26.1 | 25.8 | 25.5 | 25.2 | 25.0 | 24.6 | 24.0 | 23.5 | 22.9 | 22.4 | 21.5 |
| 95° | 41.5 | 41.7 | 41.9 | 42.1 | 42.3 | 41.9 | 40.9 | 39.8 | 38.7 | 37.7 | 36.2 |
| 97.5° | 55.3 | 55.1 | 54.8 | 54.6 | 54.3 | 53.8 | 52.9 | 52.1 | 51.2 | 50.4 | 46.9 |
| 100° | 64.6 | 64.2 | 63.8 | 63.3 | 62.9 | 61.9 | 60.2 | 58.5 | 56.8 | 55.0 | 51.4 |
| 102.5° | 69.3 | 68.7 | 68.1 | 67.5 | 66.9 | 65.4 | 63.2 | 61.0 | 58.8 | 56.6 | 87.1 |
| 105° | 73.3 | 72.5 | 71.6 | 70.8 | 69.9 | 68.3 | 65.9 | 63.6 | 61.2 | 58.9 | 117.4 |
| 107.5° | 75.4 | 74.6 | 73.7 | 72.9 | 72.0 | 72.8 | 75.2 | 77.6 | 80.0 | 82.4 | 152.6 |
| 110° | 76.2 | 75.3 | 74.5 | 73.6 | 72.8 | 83.1 | 104.5 | 125.9 | 147.4 | 168.8 | 230.9 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 77.1 | 76.3 | 75.6 | 74.9 | 74.2 | 113.0 | 191.3 | 269.4 | 347.7 | 426.0 | 441.2 |
| 115° | 79.2 | 94.5 | 110.0 | 125.4 | 140.9 | 198.2 | 297.5 | 396.8 | 496.0 | 595.4 | 590.1 |
| 117.5° | 323.1 | 373.9 | 424.5 | 475.2 | 526.0 | 563.4 | 587.4 | 611.4 | 635.4 | 659.4 | 655.8 |
| 120° | 588.7 | 617.5 | 646.5 | 675.5 | 704.4 | 717.6 | 715.0 | 712.5 | 709.9 | 707.3 | 703.5 |
| 122.5° | 734.6 | 740.1 | 745.8 | 751.3 | 757.0 | 759.0 | 757.5 | 756.0 | 754.4 | 752.9 | 748.6 |
| 125° | 825.1 | 824.4 | 823.7 | 823.1 | 822.4 | 821.4 | 819.9 | 818.4 | 816.9 | 815.4 | 811.3 |
| 127.5° | 882.1 | 882.0 | 881.9 | 881.8 | 881.6 | 880.5 | 878.3 | 876.2 | 873.9 | 871.7 | 868.7 |
| 130° | 917.7 | 917.9 | 918.1 | 918.3 | 918.6 | 917.5 | 915.1 | 912.7 | 910.4 | 908.1 | 905.6 |
| 132.5° | 952.4 | 952.6 | 952.8 | 953.0 | 953.3 | 952.4 | 950.4 | 948.4 | 946.3 | 944.3 | 941.9 |
| 135° | 1002.6 | 1003.0 | 1003.4 | 1003.9 | 1004.3 | 1003.4 | 1001.3 | 999.2 | 997.0 | 994.9 | 992.9 |
| 137.5° | 1048.3 | 1049.0 | 1049.8 | 1050.6 | 1051.3 | 1050.6 | 1048.4 | 1046.3 | 1044.3 | 1042.2 | 1040.0 |
| 140° | 1076.9 | 1077.9 | 1079.0 | 1080.2 | 1081.2 | 1080.8 | 1078.8 | 1076.9 | 1075.0 | 1073.1 | 1070.7 |
| 142.5° | 1104.7 | 1105.8 | 1106.8 | 1107.9 | 1108.9 | 1108.6 | 1106.9 | 1105.1 | 1103.4 | 1101.6 | 1098.9 |
| 145° | 1143.5 | 1144.6 | 1145.6 | 1146.7 | 1147.8 | 1147.5 | 1146.1 | 1144.6 | 1143.1 | 1141.6 | 1137.9 |
| 147.5° | 1177.6 | 1178.5 | 1179.4 | 1180.3 | 1181.2 | 1181.1 | 1180.0 | 1178.9 | 1177.8 | 1176.7 | 1173.1 |
| 150° | 1198.5 | 1199.5 | 1200.6 | 1201.7 | 1202.7 | 1202.6 | 1201.3 | 1200.1 | 1198.8 | 1197.5 | 1194.1 |
| 152.5° | 1216.3 | 1217.7 | 1219.1 | 1220.5 | 1221.9 | 1221.9 | 1220.6 | 1219.4 | 1218.1 | 1216.8 | 1213.6 |
| 155° | 1240.9 | 1242.6 | 1244.4 | 1246.1 | 1247.8 | 1248.0 | 1246.7 | 1245.5 | 1244.2 | 1242.8 | 1240.3 |
| 157.5° | 1263.5 | 1265.2 | 1266.9 | 1268.5 | 1270.2 | 1270.3 | 1268.9 | 1267.4 | 1266.0 | 1264.5 | 1262.6 |
| 160° | 1276.7 | 1278.2 | 1279.6 | 1281.1 | 1282.6 | 1282.7 | 1281.4 | 1280.2 | 1278.9 | 1277.6 | 1276.4 |
| 162.5° | 1287.5 | 1289.3 | 1291.1 | 1292.9 | 1294.8 | 1295.1 | 1293.5 | 1292.1 | 1290.6 | 1289.2 | 1288.1 |
| 165° | 1303.6 | 1305.1 | 1306.7 | 1308.2 | 1309.7 | 1309.7 | 1308.2 | 1306.7 | 1305.1 | 1303.6 | 1303.0 |
| 167.5° | 1313.9 | 1315.9 | 1317.8 | 1319.7 | 1321.6 | 1321.8 | 1320.3 | 1318.8 | 1317.3 | 1315.9 | 1315.2 |
| 170° | 1320.1 | 1322.0 | 1323.9 | 1325.9 | 1327.8 | 1328.0 | 1326.5 | 1325.0 | 1323.5 | 1322.0 | 1321.6 |
| 172.5° | 1324.7 | 1326.7 | 1328.6 | 1330.5 | 1332.4 | 1332.6 | 1331.1 | 1329.6 | 1328.2 | 1326.7 | 1326.2 |
| 175° | 1328.8 | 1330.9 | 1333.0 | 1335.1 | 1337.4 | 1337.7 | 1336.2 | 1334.6 | 1333.1 | 1331.6 | 1331.2 |
| 177.5° | 1331.3 | 1332.8 | 1334.3 | 1335.8 | 1337.5 | 1337.6 | 1336.4 | 1335.2 | 1334.0 | 1332.8 | 1332.6 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5° | 2066.4 | 2061.4 | 2058.3 | 2047.2 | 2037.2 | 2027.3 | 2024.3 | 2025.5 | 2011.9 | 1998.8 | 1993.3 |
| 5° | 2146.9 | 2131.3 | 2116.7 | 2095.8 | 2071.0 | 2043.9 | 2029.9 | 2019.1 | 1992.1 | 1962.7 | 1945.6 |
| 7.5° | 2219.0 | 2196.9 | 2168.5 | 2129.2 | 2093.1 | 2050.5 | 2023.5 | 1999.4 | 1959.8 | 1918.3 | 1893.0 |
| 10° | 2262.9 | 2232.7 | 2196.4 | 2148.4 | 2104.3 | 2052.4 | 2016.0 | 1979.6 | 1933.2 | 1883.7 | 1852.7 |
| 12.5° | 2300.7 | 2260.0 | 2224.2 | 2162.6 | 2110.4 | 2045.6 | 2002.5 | 1951.2 | 1902.3 | 1843.4 | 1813.1 |
| 15° | 2390.7 | 2315.5 | 2247.5 | 2177.8 | 2113.5 | 2023.0 | 1975.0 | 1906.1 | 1841.9 | 1769.2 | 1734.3 |
| 17.5° | 2460.1 | 2375.7 | 2268.5 | 2180.0 | 2105.1 | 2004.8 | 1934.3 | 1851.8 | 1775.8 | 1692.7 | 1645.4 |
| 20° | 2499.7 | 2403.0 | 2287.6 | 2182.4 | 2092.6 | 1978.1 | 1901.5 | 1817.2 | 1728.2 | 1634.5 | 1583.5 |
| 22.5° | 2523.2 | 2421.6 | 2307.5 | 2173.1 | 2067.9 | 1956.4 | 1860.0 | 1767.6 | 1677.4 | 1576.3 | 1522.8 |
| 25° | 2530.7 | 2437.8 | 2317.1 | 2165.5 | 2036.9 | 1910.8 | 1794.7 | 1705.0 | 1595.8 | 1501.4 | 1423.2 |
| 27.5° | 2493.9 | 2427.3 | 2311.2 | 2150.8 | 2001.1 | 1853.7 | 1724.2 | 1622.6 | 1507.4 | 1404.9 | 1326.4 |
| 30° | 2448.6 | 2409.9 | 2296.9 | 2136.0 | 1972.7 | 1814.0 | 1671.6 | 1556.3 | 1441.8 | 1338.1 | 1257.6 |
| 32.5° | 2378.7 | 2370.4 | 2271.0 | 2115.0 | 1942.4 | 1763.9 | 1616.6 | 1500.0 | 1373.1 | 1271.2 | 1194.5 |
| 35° | 2241.3 | 2278.4 | 2215.7 | 2067.9 | 1885.2 | 1692.5 | 1533.1 | 1400.0 | 1268.5 | 1170.9 | 1098.9 |
| 37.5° | 2057.1 | 2149.3 | 2132.9 | 1999.0 | 1808.2 | 1614.9 | 1438.9 | 1299.7 | 1174.4 | 1075.9 | 1005.3 |
| 40° | 1930.2 | 2047.8 | 2064.8 | 1946.4 | 1753.7 | 1554.8 | 1368.3 | 1229.7 | 1107.4 | 1017.7 | 946.4 |
| 42.5° | 1793.9 | 1931.4 | 1978.1 | 1883.2 | 1694.3 | 1491.7 | 1305.1 | 1161.6 | 1040.6 | 953.3 | 890.2 |
| 45° | 1565.6 | 1747.5 | 1831.9 | 1777.7 | 1595.1 | 1387.7 | 1195.7 | 1050.2 | 940.3 | 858.3 | 809.5 |
| 47.5° | 1352.2 | 1551.0 | 1664.4 | 1645.2 | 1484.7 | 1279.3 | 1089.5 | 949.9 | 842.9 | 777.5 | 733.9 |
| 50° | 1201.1 | 1405.4 | 1542.4 | 1548.6 | 1405.4 | 1201.8 | 1011.5 | 879.9 | 781.6 | 720.5 | 684.9 |
| 52.5° | 1069.9 | 1264.9 | 1414.2 | 1447.0 | 1316.9 | 1121.4 | 941.5 | 810.6 | 724.1 | 667.9 | 636.0 |
| 55° | 898.5 | 1063.4 | 1229.0 | 1289.3 | 1184.9 | 999.2 | 832.7 | 717.4 | 636.1 | 597.4 | 569.6 |
| 57.5° | 747.0 | 884.4 | 1037.3 | 1104.1 | 1039.7 | 880.7 | 724.7 | 624.5 | 558.7 | 524.7 | 503.3 |
| 60° | 667.1 | 775.5 | 911.7 | 991.4 | 935.6 | 794.1 | 657.8 | 562.6 | 508.5 | 478.3 | 458.2 |
| 62.5° | 592.8 | 688.8 | 804.0 | 876.9 | 846.5 | 713.0 | 591.0 | 507.0 | 460.2 | 431.8 | 417.3 |
| 65° | 489.1 | 564.9 | 654.0 | 721.2 | 701.1 | 599.8 | 500.0 | 428.0 | 390.8 | 368.4 | 356.8 |
| 67.5° | 402.7 | 457.6 | 519.3 | 578.2 | 562.0 | 490.2 | 410.0 | 354.0 | 326.3 | 306.9 | 299.9 |
| 70° | 348.3 | 390.0 | 445.0 | 492.2 | 479.1 | 420.2 | 356.8 | 308.8 | 284.8 | 268.5 | 261.6 |
| 72.5° | 296.3 | 330.6 | 372.5 | 411.1 | 402.2 | 353.4 | 300.4 | 264.2 | 245.8 | 230.8 | 225.1 |
| 75° | 223.7 | 249.9 | 275.5 | 301.0 | 298.7 | 260.8 | 229.8 | 202.0 | 187.3 | 175.7 | 173.4 |
| 77.5° | 165.1 | 179.9 | 197.2 | 212.4 | 208.1 | 186.5 | 162.2 | 146.2 | 135.4 | 127.6 | 126.4 |
| 80° | 126.1 | 134.6 | 147.0 | 157.8 | 152.5 | 143.2 | 123.8 | 112.2 | 104.5 | 96.7 | 93.6 |
| 82.5° | 91.5 | 100.0 | 107.4 | 113.3 | 109.2 | 100.5 | 88.6 | 80.7 | 76.0 | 70.7 | 69.5 |
| 85° | 48.0 | 52.6 | 55.7 | 57.3 | 55.7 | 50.3 | 44.8 | 41.8 | 38.0 | 35.6 | 34.8 |
| 87.5° | 21.7 | 21.4 | 21.1 | 21.9 | 19.6 | 19.1 | 16.2 | 13.8 | 13.6 | 13.5 | 12.7 |
| 90° | 15.9 | 14.1 | 12.4 | 10.4 | 8.1 | 5.7 | 3.3 | 1.0 | 3.3 | 5.7 | 8.1 |
| 92.5° | 20.7 | 19.8 | 19.0 | 18.7 | 18.9 | 19.1 | 19.3 | 19.5 | 19.3 | 19.1 | 18.9 |
| 95° | 34.6 | 33.1 | 31.6 | 34.4 | 41.5 | 48.6 | 55.6 | 62.7 | 55.6 | 48.6 | 41.5 |
| 97.5° | 43.4 | 40.0 | 36.5 | 44.7 | 64.6 | 84.6 | 104.5 | 124.5 | 104.5 | 84.6 | 64.6 |
| 100° | 47.7 | 44.0 | 40.4 | 53.3 | 82.7 | 112.0 | 141.4 | 170.8 | 141.4 | 112.0 | 82.7 |
| 102.5° | 117.5 | 148.0 | 178.5 | 196.8 | 203.1 | 209.3 | 215.5 | 221.8 | 215.5 | 209.3 | 203.1 |
| 105° | 175.9 | 234.5 | 293.1 | 319.1 | 312.7 | 306.2 | 299.8 | 293.4 | 299.8 | 306.2 | 312.7 |
| 107.5° | 222.8 | 293.1 | 363.2 | 395.8 | 390.5 | 385.4 | 380.2 | 375.0 | 380.2 | 385.4 | 390.5 |
| 110° | 292.9 | 354.8 | 416.8 | 445.5 | 441.0 | 436.5 | 432.0 | 427.5 | 432.0 | 436.5 | 441.0 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 456.6 | 471.9 | 487.2 | 492.8 | 488.9 | 484.8 | 480.9 | 476.9 | 480.9 | 484.8 | 488.9 |
| 115° | 584.6 | 579.3 | 573.9 | 569.5 | 565.8 | 562.2 | 558.5 | 554.8 | 558.5 | 562.2 | 565.8 |
| 117.5° | 652.1 | 648.4 | 644.7 | 640.9 | 636.7 | 632.7 | 628.6 | 624.5 | 628.6 | 632.7 | 636.7 |
| 120° | 699.6 | 695.7 | 691.9 | 688.3 | 685.1 | 681.9 | 678.7 | 675.5 | 678.7 | 681.9 | 685.1 |
| 122.5° | 744.5 | 740.2 | 736.1 | 732.3 | 728.8 | 725.5 | 722.1 | 718.7 | 722.1 | 725.5 | 728.8 |
| 125° | 807.3 | 803.1 | 799.1 | 795.7 | 792.8 | 790.1 | 787.3 | 784.5 | 787.3 | 790.1 | 792.8 |
| 127.5° | 865.7 | 862.6 | 859.6 | 856.5 | 853.4 | 850.3 | 847.3 | 844.1 | 847.3 | 850.3 | 853.4 |
| 130° | 903.3 | 900.9 | 898.6 | 895.6 | 892.2 | 888.9 | 885.4 | 882.0 | 885.4 | 888.9 | 892.2 |
| 132.5° | 939.6 | 937.3 | 934.8 | 932.2 | 929.3 | 926.5 | 923.5 | 920.6 | 923.5 | 926.5 | 929.3 |
| 135° | 991.0 | 989.1 | 987.1 | 984.5 | 981.1 | 977.7 | 974.2 | 970.8 | 974.2 | 977.7 | 981.1 |
| 137.5° | 1037.7 | 1035.6 | 1033.4 | 1031.1 | 1028.7 | 1026.3 | 1023.9 | 1021.5 | 1023.9 | 1026.3 | 1028.7 |
| 140° | 1068.3 | 1065.9 | 1063.6 | 1061.6 | 1059.9 | 1058.1 | 1056.4 | 1054.7 | 1056.4 | 1058.1 | 1059.9 |
| 142.5° | 1096.2 | 1093.5 | 1090.8 | 1088.6 | 1087.1 | 1085.6 | 1084.0 | 1082.5 | 1084.0 | 1085.6 | 1087.1 |
| 145° | 1134.3 | 1130.6 | 1127.0 | 1125.3 | 1125.5 | 1125.7 | 1125.9 | 1126.1 | 1125.9 | 1125.7 | 1125.5 |
| 147.5° | 1169.4 | 1165.9 | 1162.3 | 1160.8 | 1161.6 | 1162.5 | 1163.3 | 1164.2 | 1163.3 | 1162.5 | 1161.6 |
| 150° | 1190.6 | 1187.2 | 1183.8 | 1182.9 | 1184.4 | 1185.8 | 1187.3 | 1188.8 | 1187.3 | 1185.8 | 1184.4 |
| 152.5° | 1210.3 | 1207.0 | 1203.8 | 1203.0 | 1204.7 | 1206.3 | 1208.0 | 1209.7 | 1208.0 | 1206.3 | 1204.7 |
| 155° | 1237.7 | 1235.2 | 1232.5 | 1232.2 | 1234.2 | 1236.1 | 1238.0 | 1240.0 | 1238.0 | 1236.1 | 1234.2 |
| 157.5° | 1260.9 | 1259.1 | 1257.3 | 1257.2 | 1258.8 | 1260.4 | 1262.1 | 1263.7 | 1262.1 | 1260.4 | 1258.8 |
| 160° | 1275.1 | 1273.7 | 1272.4 | 1272.4 | 1273.7 | 1275.1 | 1276.4 | 1277.6 | 1276.4 | 1275.1 | 1273.7 |
| 162.5° | 1287.0 | 1285.9 | 1284.8 | 1284.9 | 1286.1 | 1287.4 | 1288.7 | 1290.0 | 1288.7 | 1287.4 | 1286.1 |
| 165° | 1302.3 | 1301.7 | 1301.1 | 1301.4 | 1302.7 | 1303.9 | 1305.3 | 1306.6 | 1305.3 | 1303.9 | 1302.7 |
| 167.5° | 1314.6 | 1314.0 | 1313.4 | 1313.7 | 1315.0 | 1316.4 | 1317.6 | 1318.9 | 1317.6 | 1316.4 | 1315.0 |
| 170° | 1321.1 | 1320.7 | 1320.3 | 1320.7 | 1322.0 | 1323.3 | 1324.5 | 1325.9 | 1324.5 | 1323.3 | 1322.0 |
| 172.5° | 1325.8 | 1325.3 | 1324.9 | 1325.3 | 1326.7 | 1327.9 | 1329.2 | 1330.5 | 1329.2 | 1327.9 | 1326.7 |
| 175° | 1330.8 | 1330.4 | 1329.9 | 1330.5 | 1332.0 | 1333.4 | 1334.9 | 1336.5 | 1334.9 | 1333.4 | 1332.0 |
| 177.5° | 1332.4 | 1332.3 | 1332.1 | 1332.6 | 1333.8 | 1335.0 | 1336.3 | 1337.5 | 1336.3 | 1335.0 | 1333.8 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5° | 1987.1 | 1983.4 | 1970.3 | 1963.6 | 1952.5 | 1941.9 | 1935.1 | 1938.2 | 1940.7 | 1939.4 | 1937.5 |
| 5° | 1930.2 | 1915.4 | 1893.0 | 1873.6 | 1859.7 | 1834.2 | 1823.3 | 1818.0 | 1813.3 | 1807.9 | 1802.4 |
| 7.5° | 1862.3 | 1839.2 | 1807.0 | 1779.4 | 1753.3 | 1721.6 | 1703.5 | 1692.7 | 1681.5 | 1669.3 | 1658.5 |
| 10° | 1814.0 | 1781.5 | 1747.5 | 1708.8 | 1677.9 | 1649.2 | 1623.7 | 1606.6 | 1591.1 | 1576.5 | 1565.6 |
| 12.5° | 1763.3 | 1725.9 | 1683.7 | 1630.8 | 1596.7 | 1555.7 | 1551.9 | 1521.9 | 1497.6 | 1488.5 | 1475.8 |
| 15° | 1682.4 | 1629.8 | 1576.5 | 1513.8 | 1486.7 | 1449.6 | 1426.3 | 1403.1 | 1382.2 | 1367.5 | 1363.6 |
| 17.5° | 1590.7 | 1522.6 | 1469.5 | 1424.4 | 1380.1 | 1342.0 | 1320.6 | 1302.0 | 1284.9 | 1265.2 | 1262.5 |
| 20° | 1520.8 | 1461.9 | 1403.9 | 1364.4 | 1318.8 | 1280.0 | 1253.7 | 1235.2 | 1220.4 | 1208.8 | 1198.8 |
| 22.5° | 1454.5 | 1390.1 | 1337.0 | 1293.8 | 1248.8 | 1217.5 | 1196.8 | 1178.8 | 1166.6 | 1153.8 | 1144.3 |
| 25° | 1348.2 | 1297.9 | 1239.8 | 1191.0 | 1153.9 | 1133.8 | 1116.7 | 1101.3 | 1093.6 | 1085.0 | 1074.2 |
| 27.5° | 1255.2 | 1199.2 | 1144.9 | 1107.1 | 1074.5 | 1056.7 | 1044.6 | 1034.1 | 1026.8 | 1021.9 | 1015.7 |
| 30° | 1189.5 | 1133.0 | 1090.5 | 1053.3 | 1026.2 | 1008.5 | 1000.7 | 994.5 | 985.9 | 982.9 | 979.8 |
| 32.5° | 1126.3 | 1075.4 | 1039.1 | 1006.8 | 981.0 | 969.4 | 962.3 | 956.7 | 950.1 | 947.0 | 940.8 |
| 35° | 1037.0 | 994.5 | 958.9 | 941.1 | 920.2 | 910.1 | 904.7 | 897.0 | 890.8 | 887.7 | 886.9 |
| 37.5° | 953.0 | 916.0 | 892.6 | 869.7 | 860.9 | 854.7 | 847.3 | 842.0 | 840.2 | 839.7 | 838.9 |
| 40° | 898.5 | 868.3 | 847.5 | 828.9 | 825.0 | 815.7 | 809.5 | 804.9 | 804.9 | 805.7 | 804.9 |
| 42.5° | 849.0 | 821.9 | 803.4 | 787.4 | 782.8 | 777.3 | 771.1 | 770.8 | 772.0 | 774.7 | 772.0 |
| 45° | 774.0 | 754.6 | 741.4 | 733.7 | 725.2 | 719.7 | 718.9 | 721.2 | 722.1 | 722.9 | 725.2 |
| 47.5° | 704.9 | 692.1 | 680.1 | 671.6 | 667.9 | 666.9 | 666.0 | 670.0 | 673.8 | 675.2 | 678.7 |
| 50° | 664.0 | 649.3 | 639.2 | 633.8 | 630.8 | 629.1 | 630.8 | 635.4 | 638.4 | 642.4 | 644.7 |
| 52.5° | 618.2 | 607.8 | 600.9 | 596.7 | 595.4 | 596.4 | 596.7 | 602.0 | 606.9 | 608.3 | 609.4 |
| 55° | 554.9 | 547.1 | 545.6 | 538.7 | 541.7 | 541.0 | 544.8 | 548.0 | 552.6 | 557.2 | 558.0 |
| 57.5° | 491.7 | 485.5 | 481.4 | 482.0 | 482.9 | 486.4 | 489.6 | 495.0 | 500.0 | 504.9 | 505.3 |
| 60° | 449.7 | 446.6 | 444.2 | 444.2 | 445.8 | 450.4 | 454.2 | 459.7 | 462.8 | 465.9 | 468.2 |
| 62.5° | 411.2 | 408.2 | 405.9 | 407.1 | 411.1 | 413.8 | 418.4 | 421.3 | 424.4 | 427.5 | 428.6 |
| 65° | 350.6 | 349.0 | 351.3 | 352.9 | 353.7 | 357.6 | 362.9 | 365.3 | 368.4 | 369.9 | 375.4 |
| 67.5° | 294.7 | 295.0 | 294.7 | 296.9 | 301.3 | 302.3 | 307.4 | 312.9 | 313.5 | 316.4 | 319.9 |
| 70° | 256.9 | 258.5 | 260.0 | 261.6 | 265.5 | 267.0 | 270.8 | 273.2 | 276.3 | 278.6 | 280.9 |
| 72.5° | 222.3 | 222.6 | 224.1 | 223.8 | 227.0 | 230.5 | 233.7 | 236.0 | 239.1 | 242.1 | 244.4 |
| 75° | 171.1 | 171.1 | 172.6 | 173.4 | 177.2 | 181.1 | 180.4 | 181.9 | 185.0 | 188.0 | 189.7 |
| 77.5° | 124.9 | 123.2 | 124.9 | 125.7 | 126.9 | 130.2 | 130.8 | 133.0 | 136.5 | 135.4 | 137.1 |
| 80° | 95.2 | 92.9 | 95.2 | 95.9 | 95.9 | 99.9 | 99.9 | 101.4 | 103.7 | 101.4 | 103.7 |
| 82.5° | 68.0 | 66.9 | 68.6 | 68.8 | 70.0 | 70.1 | 71.4 | 71.7 | 74.0 | 72.9 | 74.0 |
| 85° | 34.0 | 33.3 | 34.0 | 33.3 | 34.0 | 34.8 | 34.8 | 34.0 | 34.0 | 35.6 | 33.3 |
| 87.5° | 12.6 | 12.4 | 12.1 | 12.4 | 12.2 | 11.9 | 11.5 | 11.7 | 11.9 | 10.9 | 11.1 |
| 90° | 10.4 | 12.4 | 14.1 | 15.9 | 17.6 | 19.3 | 20.4 | 21.4 | 22.5 | 23.6 | 24.3 |
| 92.5° | 18.7 | 19.0 | 19.8 | 20.7 | 21.5 | 22.4 | 22.9 | 23.5 | 24.0 | 24.6 | 25.0 |
| 95° | 34.4 | 31.6 | 33.1 | 34.6 | 36.2 | 37.7 | 38.7 | 39.8 | 40.9 | 41.9 | 42.3 |
| 97.5° | 44.7 | 36.5 | 40.0 | 43.4 | 46.9 | 50.4 | 51.2 | 52.1 | 52.9 | 53.8 | 54.3 |
| 100° | 53.3 | 40.4 | 44.0 | 47.7 | 51.4 | 55.0 | 56.8 | 58.5 | 60.2 | 61.9 | 62.9 |
| 102.5° | 196.8 | 178.5 | 148.0 | 117.5 | 87.1 | 56.6 | 58.8 | 61.0 | 63.2 | 65.4 | 66.9 |
| 105° | 319.1 | 293.1 | 234.5 | 175.9 | 117.4 | 58.9 | 61.2 | 63.6 | 65.9 | 68.3 | 69.9 |
| 107.5° | 395.8 | 363.2 | 293.1 | 222.8 | 152.6 | 82.4 | 80.0 | 77.6 | 75.2 | 72.8 | 72.0 |
| 110° | 445.5 | 416.8 | 354.8 | 292.9 | 230.9 | 168.8 | 147.4 | 125.9 | 104.5 | 83.1 | 72.8 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 492.8 | 487.2 | 471.9 | 456.6 | 441.2 | 426.0 | 347.7 | 269.4 | 191.3 | 113.0 | 74.2 |
| 115° | 569.5 | 573.9 | 579.3 | 584.6 | 590.1 | 595.4 | 496.0 | 396.8 | 297.5 | 198.2 | 140.9 |
| 117.5° | 640.9 | 644.7 | 648.4 | 652.1 | 655.8 | 659.4 | 635.4 | 611.4 | 587.4 | 563.4 | 526.0 |
| 120° | 688.3 | 691.9 | 695.7 | 699.6 | 703.5 | 707.3 | 709.9 | 712.5 | 715.0 | 717.6 | 704.4 |
| 122.5° | 732.3 | 736.1 | 740.2 | 744.5 | 748.6 | 752.9 | 754.4 | 756.0 | 757.5 | 759.0 | 757.0 |
| 125° | 795.7 | 799.1 | 803.1 | 807.3 | 811.3 | 815.4 | 816.9 | 818.4 | 819.9 | 821.4 | 822.4 |
| 127.5° | 856.5 | 859.6 | 862.6 | 865.7 | 868.7 | 871.7 | 873.9 | 876.2 | 878.3 | 880.5 | 881.6 |
| 130° | 895.6 | 898.6 | 900.9 | 903.3 | 905.6 | 908.1 | 910.4 | 912.7 | 915.1 | 917.5 | 918.6 |
| 132.5° | 932.2 | 934.8 | 937.3 | 939.6 | 941.9 | 944.3 | 946.3 | 948.4 | 950.4 | 952.4 | 953.3 |
| 135° | 984.5 | 987.1 | 989.1 | 991.0 | 992.9 | 994.9 | 997.0 | 999.2 | 1001.3 | 1003.4 | 1004.3 |
| 137.5° | 1031.1 | 1033.4 | 1035.6 | 1037.7 | 1040.0 | 1042.2 | 1044.3 | 1046.3 | 1048.4 | 1050.6 | 1051.3 |
| 140° | 1061.6 | 1063.6 | 1065.9 | 1068.3 | 1070.7 | 1073.1 | 1075.0 | 1076.9 | 1078.8 | 1080.8 | 1081.2 |
| 142.5° | 1088.6 | 1090.8 | 1093.5 | 1096.2 | 1098.9 | 1101.6 | 1103.4 | 1105.1 | 1106.9 | 1108.6 | 1108.9 |
| 145° | 1125.3 | 1127.0 | 1130.6 | 1134.3 | 1137.9 | 1141.6 | 1143.1 | 1144.6 | 1146.1 | 1147.5 | 1147.8 |
| 147.5° | 1160.8 | 1162.3 | 1165.9 | 1169.4 | 1173.1 | 1176.7 | 1177.8 | 1178.9 | 1180.0 | 1181.1 | 1181.2 |
| 150° | 1182.9 | 1183.8 | 1187.2 | 1190.6 | 1194.1 | 1197.5 | 1198.8 | 1200.1 | 1201.3 | 1202.6 | 1202.7 |
| 152.5° | 1203.0 | 1203.8 | 1207.0 | 1210.3 | 1213.6 | 1216.8 | 1218.1 | 1219.4 | 1220.6 | 1221.9 | 1221.9 |
| 155° | 1232.2 | 1232.5 | 1235.2 | 1237.7 | 1240.3 | 1242.8 | 1244.2 | 1245.5 | 1246.7 | 1248.0 | 1247.8 |
| 157.5° | 1257.2 | 1257.3 | 1259.1 | 1260.9 | 1262.6 | 1264.5 | 1266.0 | 1267.4 | 1268.9 | 1270.3 | 1270.2 |
| 160° | 1272.4 | 1272.4 | 1273.7 | 1275.1 | 1276.4 | 1277.6 | 1278.9 | 1280.2 | 1281.4 | 1282.7 | 1282.6 |
| 162.5° | 1284.9 | 1284.8 | 1285.9 | 1287.0 | 1288.1 | 1289.2 | 1290.6 | 1292.1 | 1293.5 | 1295.1 | 1294.8 |
| 165° | 1301.4 | 1301.1 | 1301.7 | 1302.3 | 1303.0 | 1303.6 | 1305.1 | 1306.7 | 1308.2 | 1309.7 | 1309.7 |
| 167.5° | 1313.7 | 1313.4 | 1314.0 | 1314.6 | 1315.2 | 1315.9 | 1317.3 | 1318.8 | 1320.3 | 1321.8 | 1321.6 |
| 170° | 1320.7 | 1320.3 | 1320.7 | 1321.1 | 1321.6 | 1322.0 | 1323.5 | 1325.0 | 1326.5 | 1328.0 | 1327.8 |
| 172.5° | 1325.3 | 1324.9 | 1325.3 | 1325.8 | 1326.2 | 1326.7 | 1328.2 | 1329.6 | 1331.1 | 1332.6 | 1332.4 |
| 175° | 1330.5 | 1329.9 | 1330.4 | 1330.8 | 1331.2 | 1331.6 | 1333.1 | 1334.6 | 1336.2 | 1337.7 | 1337.4 |
| 177.5° | 1332.6 | 1332.1 | 1332.3 | 1332.4 | 1332.6 | 1332.8 | 1334.0 | 1335.2 | 1336.4 | 1337.6 | 1337.5 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5° | 1931.4 | 1930.2 | 1930.2 | 1924.6 | 1930.2 | 1930.2 | 1931.4 | 1937.5 | 1939.4 | 1940.7 | 1938.2 |
| 5° | 1791.6 | 1789.3 | 1785.4 | 1789.3 | 1785.4 | 1789.3 | 1791.6 | 1802.4 | 1807.9 | 1813.3 | 1818.0 |
| 7.5° | 1653.4 | 1644.1 | 1642.7 | 1633.6 | 1642.7 | 1644.1 | 1653.4 | 1658.5 | 1669.3 | 1681.5 | 1692.7 |
| 10° | 1552.5 | 1546.3 | 1545.5 | 1530.8 | 1545.5 | 1546.3 | 1552.5 | 1565.6 | 1576.5 | 1591.1 | 1606.6 |
| 12.5° | 1475.7 | 1460.9 | 1463.8 | 1455.2 | 1463.8 | 1460.9 | 1475.7 | 1475.8 | 1488.5 | 1497.6 | 1521.9 |
| 15° | 1342.7 | 1342.7 | 1339.7 | 1326.5 | 1339.7 | 1342.7 | 1342.7 | 1363.6 | 1367.5 | 1382.2 | 1403.1 |
| 17.5° | 1247.3 | 1245.7 | 1238.3 | 1241.9 | 1238.3 | 1245.7 | 1247.3 | 1262.5 | 1265.2 | 1284.9 | 1302.0 |
| 20° | 1190.2 | 1185.7 | 1176.4 | 1176.4 | 1176.4 | 1185.7 | 1190.2 | 1198.8 | 1208.8 | 1220.4 | 1235.2 |
| 22.5° | 1136.4 | 1136.1 | 1126.2 | 1129.3 | 1126.2 | 1136.1 | 1136.4 | 1144.3 | 1153.8 | 1166.6 | 1178.8 |
| 25° | 1073.4 | 1067.2 | 1062.6 | 1064.9 | 1062.6 | 1067.2 | 1073.4 | 1074.2 | 1085.0 | 1093.6 | 1101.3 |
| 27.5° | 1013.7 | 1010.3 | 1010.0 | 1003.6 | 1010.0 | 1010.3 | 1013.7 | 1015.7 | 1021.9 | 1026.8 | 1034.1 |
| 30° | 979.0 | 971.3 | 972.8 | 969.0 | 972.8 | 971.3 | 979.0 | 979.8 | 982.9 | 985.9 | 994.5 |
| 32.5° | 939.4 | 936.5 | 935.0 | 931.8 | 935.0 | 936.5 | 939.4 | 940.8 | 947.0 | 950.1 | 956.7 |
| 35° | 885.3 | 886.2 | 882.2 | 883.8 | 882.2 | 886.2 | 885.3 | 886.9 | 887.7 | 890.8 | 897.0 |
| 37.5° | 838.2 | 840.6 | 838.8 | 839.2 | 838.8 | 840.6 | 838.2 | 838.9 | 839.7 | 840.2 | 842.0 |
| 40° | 807.2 | 807.2 | 807.2 | 809.5 | 807.2 | 807.2 | 807.2 | 804.9 | 805.7 | 804.9 | 804.9 |
| 42.5° | 777.5 | 776.3 | 775.0 | 774.9 | 775.0 | 776.3 | 777.5 | 772.0 | 774.7 | 772.0 | 770.8 |
| 45° | 726.7 | 729.0 | 729.8 | 725.9 | 729.8 | 729.0 | 726.7 | 725.2 | 722.9 | 722.1 | 721.2 |
| 47.5° | 680.8 | 681.1 | 680.8 | 684.2 | 680.8 | 681.1 | 680.8 | 678.7 | 675.2 | 673.8 | 670.0 |
| 50° | 648.5 | 647.0 | 648.5 | 647.0 | 648.5 | 647.0 | 648.5 | 644.7 | 642.4 | 638.4 | 635.4 |
| 52.5° | 614.5 | 614.8 | 613.9 | 613.6 | 613.9 | 614.8 | 614.5 | 609.4 | 608.3 | 606.9 | 602.0 |
| 55° | 561.1 | 562.6 | 561.9 | 561.9 | 561.9 | 562.6 | 561.1 | 558.0 | 557.2 | 552.6 | 548.0 |
| 57.5° | 505.8 | 507.3 | 508.3 | 504.9 | 508.3 | 507.3 | 505.8 | 505.3 | 504.9 | 500.0 | 495.0 |
| 60° | 467.5 | 471.3 | 470.5 | 469.0 | 470.5 | 471.3 | 467.5 | 468.2 | 465.9 | 462.8 | 459.7 |
| 62.5° | 432.1 | 433.5 | 433.4 | 433.1 | 433.4 | 433.5 | 432.1 | 428.6 | 427.5 | 424.4 | 421.3 |
| 65° | 377.7 | 379.2 | 376.9 | 379.2 | 376.9 | 379.2 | 377.7 | 375.4 | 369.9 | 368.4 | 365.3 |
| 67.5° | 319.0 | 319.5 | 321.1 | 322.2 | 321.1 | 319.5 | 319.0 | 319.9 | 316.4 | 313.5 | 312.9 |
| 70° | 282.5 | 281.8 | 284.1 | 286.4 | 284.1 | 281.8 | 282.5 | 280.9 | 278.6 | 276.3 | 273.2 |
| 72.5° | 244.1 | 245.8 | 245.0 | 246.7 | 245.0 | 245.8 | 244.1 | 244.4 | 242.1 | 239.1 | 236.0 |
| 75° | 188.0 | 190.4 | 189.7 | 192.0 | 189.7 | 190.4 | 188.0 | 189.7 | 188.0 | 185.0 | 181.9 |
| 77.5° | 135.9 | 136.2 | 135.9 | 137.1 | 135.9 | 136.2 | 135.9 | 137.1 | 135.4 | 136.5 | 133.0 |
| 80° | 103.7 | 102.2 | 100.6 | 103.7 | 100.6 | 102.2 | 103.7 | 103.7 | 101.4 | 103.7 | 101.4 |
| 82.5° | 72.1 | 73.0 | 71.5 | 71.5 | 71.5 | 73.0 | 72.1 | 74.0 | 72.9 | 74.0 | 71.7 |
| 85° | 33.3 | 32.5 | 31.0 | 31.0 | 31.0 | 32.5 | 33.3 | 33.3 | 35.6 | 34.0 | 34.0 |
| 87.5° | 11.1 | 10.6 | 10.7 | 10.2 | 10.7 | 10.6 | 11.1 | 11.1 | 10.9 | 11.9 | 11.7 |
| 90° | 24.7 | 25.1 | 25.7 | 26.1 | 25.7 | 25.1 | 24.7 | 24.3 | 23.6 | 22.5 | 21.4 |
| 92.5° | 25.2 | 25.5 | 25.8 | 26.1 | 25.8 | 25.5 | 25.2 | 25.0 | 24.6 | 24.0 | 23.5 |
| 95° | 42.1 | 41.9 | 41.7 | 41.5 | 41.7 | 41.9 | 42.1 | 42.3 | 41.9 | 40.9 | 39.8 |
| 97.5° | 54.6 | 54.8 | 55.1 | 55.3 | 55.1 | 54.8 | 54.6 | 54.3 | 53.8 | 52.9 | 52.1 |
| 100° | 63.3 | 63.8 | 64.2 | 64.6 | 64.2 | 63.8 | 63.3 | 62.9 | 61.9 | 60.2 | 58.5 |
| 102.5° | 67.5 | 68.1 | 68.7 | 69.3 | 68.7 | 68.1 | 67.5 | 66.9 | 65.4 | 63.2 | 61.0 |
| 105° | 70.8 | 71.6 | 72.5 | 73.3 | 72.5 | 71.6 | 70.8 | 69.9 | 68.3 | 65.9 | 63.6 |
| 107.5° | 72.9 | 73.7 | 74.6 | 75.4 | 74.6 | 73.7 | 72.9 | 72.0 | 72.8 | 75.2 | 77.6 |
| 110° | 73.6 | 74.5 | 75.3 | 76.2 | 75.3 | 74.5 | 73.6 | 72.8 | 83.1 | 104.5 | 125.9 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 74.9 | 75.6 | 76.3 | 77.1 | 76.3 | 75.6 | 74.9 | 74.2 | 113.0 | 191.3 | 269.4 |
| 115° | 125.4 | 110.0 | 94.5 | 79.2 | 94.5 | 110.0 | 125.4 | 140.9 | 198.2 | 297.5 | 396.8 |
| 117.5° | 475.2 | 424.5 | 373.9 | 323.1 | 373.9 | 424.5 | 475.2 | 526.0 | 563.4 | 587.4 | 611.4 |
| 120° | 675.5 | 646.5 | 617.5 | 588.7 | 617.5 | 646.5 | 675.5 | 704.4 | 717.6 | 715.0 | 712.5 |
| 122.5° | 751.3 | 745.8 | 740.1 | 734.6 | 740.1 | 745.8 | 751.3 | 757.0 | 759.0 | 757.5 | 756.0 |
| 125° | 823.1 | 823.7 | 824.4 | 825.1 | 824.4 | 823.7 | 823.1 | 822.4 | 821.4 | 819.9 | 818.4 |
| 127.5° | 881.8 | 881.9 | 882.0 | 882.1 | 882.0 | 881.9 | 881.8 | 881.6 | 880.5 | 878.3 | 876.2 |
| 130° | 918.3 | 918.1 | 917.9 | 917.7 | 917.9 | 918.1 | 918.3 | 918.6 | 917.5 | 915.1 | 912.7 |
| 132.5° | 953.0 | 952.8 | 952.6 | 952.4 | 952.6 | 952.8 | 953.0 | 953.3 | 952.4 | 950.4 | 948.4 |
| 135° | 1003.9 | 1003.4 | 1003.0 | 1002.6 | 1003.0 | 1003.4 | 1003.9 | 1004.3 | 1003.4 | 1001.3 | 999.2 |
| 137.5° | 1050.6 | 1049.8 | 1049.0 | 1048.3 | 1049.0 | 1049.8 | 1050.6 | 1051.3 | 1050.6 | 1048.4 | 1046.3 |
| 140° | 1080.2 | 1079.0 | 1077.9 | 1076.9 | 1077.9 | 1079.0 | 1080.2 | 1081.2 | 1080.8 | 1078.8 | 1076.9 |
| 142.5° | 1107.9 | 1106.8 | 1105.8 | 1104.7 | 1105.8 | 1106.8 | 1107.9 | 1108.9 | 1108.6 | 1106.9 | 1105.1 |
| 145° | 1146.7 | 1145.6 | 1144.6 | 1143.5 | 1144.6 | 1145.6 | 1146.7 | 1147.8 | 1147.5 | 1146.1 | 1144.6 |
| 147.5° | 1180.3 | 1179.4 | 1178.5 | 1177.6 | 1178.5 | 1179.4 | 1180.3 | 1181.2 | 1181.1 | 1180.0 | 1178.9 |
| 150° | 1201.7 | 1200.6 | 1199.5 | 1198.5 | 1199.5 | 1200.6 | 1201.7 | 1202.7 | 1202.6 | 1201.3 | 1200.1 |
| 152.5° | 1220.5 | 1219.1 | 1217.7 | 1216.3 | 1217.7 | 1219.1 | 1220.5 | 1221.9 | 1221.9 | 1220.6 | 1219.4 |
| 155° | 1246.1 | 1244.4 | 1242.6 | 1240.9 | 1242.6 | 1244.4 | 1246.1 | 1247.8 | 1248.0 | 1246.7 | 1245.5 |
| 157.5° | 1268.5 | 1266.9 | 1265.2 | 1263.5 | 1265.2 | 1266.9 | 1268.5 | 1270.2 | 1270.3 | 1268.9 | 1267.4 |
| 160° | 1281.1 | 1279.6 | 1278.2 | 1276.7 | 1278.2 | 1279.6 | 1281.1 | 1282.6 | 1282.7 | 1281.4 | 1280.2 |
| 162.5° | 1292.9 | 1291.1 | 1289.3 | 1287.5 | 1289.3 | 1291.1 | 1292.9 | 1294.8 | 1295.1 | 1293.5 | 1292.1 |
| 165° | 1308.2 | 1306.7 | 1305.1 | 1303.6 | 1305.1 | 1306.7 | 1308.2 | 1309.7 | 1309.7 | 1308.2 | 1306.7 |
| 167.5° | 1319.7 | 1317.8 | 1315.9 | 1313.9 | 1315.9 | 1317.8 | 1319.7 | 1321.6 | 1321.8 | 1320.3 | 1318.8 |
| 170° | 1325.9 | 1323.9 | 1322.0 | 1320.1 | 1322.0 | 1323.9 | 1325.9 | 1327.8 | 1328.0 | 1326.5 | 1325.0 |
| 172.5° | 1330.5 | 1328.6 | 1326.7 | 1324.7 | 1326.7 | 1328.6 | 1330.5 | 1332.4 | 1332.6 | 1331.1 | 1329.6 |
| 175° | 1335.1 | 1333.0 | 1330.9 | 1328.8 | 1330.9 | 1333.0 | 1335.1 | 1337.4 | 1337.7 | 1336.2 | 1334.6 |
| 177.5° | 1335.8 | 1334.3 | 1332.8 | 1331.3 | 1332.8 | 1334.3 | 1335.8 | 1337.5 | 1337.6 | 1336.4 | 1335.2 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5° | 1935.1 | 1941.9 | 1952.5 | 1963.6 | 1970.3 | 1983.4 | 1987.1 | 1993.3 | 1998.8 | 2011.9 | 2025.5 |
| 5° | 1823.3 | 1834.2 | 1859.7 | 1873.6 | 1893.0 | 1915.4 | 1930.2 | 1945.6 | 1962.7 | 1992.1 | 2019.1 |
| 7.5° | 1703.5 | 1721.6 | 1753.3 | 1779.4 | 1807.0 | 1839.2 | 1862.3 | 1893.0 | 1918.3 | 1959.8 | 1999.4 |
| 10° | 1623.7 | 1649.2 | 1677.9 | 1708.8 | 1747.5 | 1781.5 | 1814.0 | 1852.7 | 1883.7 | 1933.2 | 1979.6 |
| 12.5° | 1551.9 | 1555.7 | 1596.7 | 1630.8 | 1683.7 | 1725.9 | 1763.3 | 1813.1 | 1843.4 | 1902.3 | 1951.2 |
| 15° | 1426.3 | 1449.6 | 1486.7 | 1513.8 | 1576.5 | 1629.8 | 1682.4 | 1734.3 | 1769.2 | 1841.9 | 1906.1 |
| 17.5° | 1320.6 | 1342.0 | 1380.1 | 1424.4 | 1469.5 | 1522.6 | 1590.7 | 1645.4 | 1692.7 | 1775.8 | 1851.8 |
| 20° | 1253.7 | 1280.0 | 1318.8 | 1364.4 | 1403.9 | 1461.9 | 1520.8 | 1583.5 | 1634.5 | 1728.2 | 1817.2 |
| 22.5° | 1196.8 | 1217.5 | 1248.8 | 1293.8 | 1337.0 | 1390.1 | 1454.5 | 1522.8 | 1576.3 | 1677.4 | 1767.6 |
| 25° | 1116.7 | 1133.8 | 1153.9 | 1191.0 | 1239.8 | 1297.9 | 1348.2 | 1423.2 | 1501.4 | 1595.8 | 1705.0 |
| 27.5° | 1044.6 | 1056.7 | 1074.5 | 1107.1 | 1144.9 | 1199.2 | 1255.2 | 1326.4 | 1404.9 | 1507.4 | 1622.6 |
| 30° | 1000.7 | 1008.5 | 1026.2 | 1053.3 | 1090.5 | 1133.0 | 1189.5 | 1257.6 | 1338.1 | 1441.8 | 1556.3 |
| 32.5° | 962.3 | 969.4 | 981.0 | 1006.8 | 1039.1 | 1075.4 | 1126.3 | 1194.5 | 1271.2 | 1373.1 | 1500.0 |
| 35° | 904.7 | 910.1 | 920.2 | 941.1 | 958.9 | 994.5 | 1037.0 | 1098.9 | 1170.9 | 1268.5 | 1400.0 |
| 37.5° | 847.3 | 854.7 | 860.9 | 869.7 | 892.6 | 916.0 | 953.0 | 1005.3 | 1075.9 | 1174.4 | 1299.7 |
| 40° | 809.5 | 815.7 | 825.0 | 828.9 | 847.5 | 868.3 | 898.5 | 946.4 | 1017.7 | 1107.4 | 1229.7 |
| 42.5° | 771.1 | 777.3 | 782.8 | 787.4 | 803.4 | 821.9 | 849.0 | 890.2 | 953.3 | 1040.6 | 1161.6 |
| 45° | 718.9 | 719.7 | 725.2 | 733.7 | 741.4 | 754.6 | 774.0 | 809.5 | 858.3 | 940.3 | 1050.2 |
| 47.5° | 666.0 | 666.9 | 667.9 | 671.6 | 680.1 | 692.1 | 704.9 | 733.9 | 777.5 | 842.9 | 949.9 |
| 50° | 630.8 | 629.1 | 630.8 | 633.8 | 639.2 | 649.3 | 664.0 | 684.9 | 720.5 | 781.6 | 879.9 |
| 52.5° | 596.7 | 596.4 | 595.4 | 596.7 | 600.9 | 607.8 | 618.2 | 636.0 | 667.9 | 724.1 | 810.6 |
| 55° | 544.8 | 541.0 | 541.7 | 538.7 | 545.6 | 547.1 | 554.9 | 569.6 | 597.4 | 636.1 | 717.4 |
| 57.5° | 489.6 | 486.4 | 482.9 | 482.0 | 481.4 | 485.5 | 491.7 | 503.3 | 524.7 | 558.7 | 624.5 |
| 60° | 454.2 | 450.4 | 445.8 | 444.2 | 444.2 | 446.6 | 449.7 | 458.2 | 478.3 | 508.5 | 562.6 |
| 62.5° | 418.4 | 413.8 | 411.1 | 407.1 | 405.9 | 408.2 | 411.2 | 417.3 | 431.8 | 460.2 | 507.0 |
| 65° | 362.9 | 357.6 | 353.7 | 352.9 | 351.3 | 349.0 | 350.6 | 356.8 | 368.4 | 390.8 | 428.0 |
| 67.5° | 307.4 | 302.3 | 301.3 | 296.9 | 294.7 | 295.0 | 294.7 | 299.9 | 306.9 | 326.3 | 354.0 |
| 70° | 270.8 | 267.0 | 265.5 | 261.6 | 260.0 | 258.5 | 256.9 | 261.6 | 268.5 | 284.8 | 308.8 |
| 72.5° | 233.7 | 230.5 | 227.0 | 223.8 | 224.1 | 222.6 | 222.3 | 225.1 | 230.8 | 245.8 | 264.2 |
| 75° | 180.4 | 181.1 | 177.2 | 173.4 | 172.6 | 171.1 | 171.1 | 173.4 | 175.7 | 187.3 | 202.0 |
| 77.5° | 130.8 | 130.2 | 126.9 | 125.7 | 124.9 | 123.2 | 124.9 | 126.4 | 127.6 | 135.4 | 146.2 |
| 80° | 99.9 | 99.9 | 95.9 | 95.9 | 95.2 | 92.9 | 95.2 | 93.6 | 96.7 | 104.5 | 112.2 |
| 82.5° | 71.4 | 70.1 | 70.0 | 68.8 | 68.6 | 66.9 | 68.0 | 69.5 | 70.7 | 76.0 | 80.7 |
| 85° | 34.8 | 34.8 | 34.0 | 33.3 | 34.0 | 33.3 | 34.0 | 34.8 | 35.6 | 38.0 | 41.8 |
| 87.5° | 11.5 | 11.9 | 12.2 | 12.4 | 12.1 | 12.4 | 12.6 | 12.7 | 13.5 | 13.6 | 13.8 |
| 90° | 20.4 | 19.3 | 17.6 | 15.9 | 14.1 | 12.4 | 10.4 | 8.1 | 5.7 | 3.3 | 1.0 |
| 92.5° | 22.9 | 22.4 | 21.5 | 20.7 | 19.8 | 19.0 | 18.7 | 18.9 | 19.1 | 19.3 | 19.5 |
| 95° | 38.7 | 37.7 | 36.2 | 34.6 | 33.1 | 31.6 | 34.4 | 41.5 | 48.6 | 55.6 | 62.7 |
| 97.5° | 51.2 | 50.4 | 46.9 | 43.4 | 40.0 | 36.5 | 44.7 | 64.6 | 84.6 | 104.5 | 124.5 |
| 100° | 56.8 | 55.0 | 51.4 | 47.7 | 44.0 | 40.4 | 53.3 | 82.7 | 112.0 | 141.4 | 170.8 |
| 102.5° | 58.8 | 56.6 | 87.1 | 117.5 | 148.0 | 178.5 | 196.8 | 203.1 | 209.3 | 215.5 | 221.8 |
| 105° | 61.2 | 58.9 | 117.4 | 175.9 | 234.5 | 293.1 | 319.1 | 312.7 | 306.2 | 299.8 | 293.4 |
| 107.5° | 80.0 | 82.4 | 152.6 | 222.8 | 293.1 | 363.2 | 395.8 | 390.5 | 385.4 | 380.2 | 375.0 |
| 110° | 147.4 | 168.8 | 230.9 | 292.9 | 354.8 | 416.8 | 445.5 | 441.0 | 436.5 | 432.0 | 427.5 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 347.7 | 426.0 | 441.2 | 456.6 | 471.9 | 487.2 | 492.8 | 488.9 | 484.8 | 480.9 | 476.9 |
| 115° | 496.0 | 595.4 | 590.1 | 584.6 | 579.3 | 573.9 | 569.5 | 565.8 | 562.2 | 558.5 | 554.8 |
| 117.5° | 635.4 | 659.4 | 655.8 | 652.1 | 648.4 | 644.7 | 640.9 | 636.7 | 632.7 | 628.6 | 624.5 |
| 120° | 709.9 | 707.3 | 703.5 | 699.6 | 695.7 | 691.9 | 688.3 | 685.1 | 681.9 | 678.7 | 675.5 |
| 122.5° | 754.4 | 752.9 | 748.6 | 744.5 | 740.2 | 736.1 | 732.3 | 728.8 | 725.5 | 722.1 | 718.7 |
| 125° | 816.9 | 815.4 | 811.3 | 807.3 | 803.1 | 799.1 | 795.7 | 792.8 | 790.1 | 787.3 | 784.5 |
| 127.5° | 873.9 | 871.7 | 868.7 | 865.7 | 862.6 | 859.6 | 856.5 | 853.4 | 850.3 | 847.3 | 844.1 |
| 130° | 910.4 | 908.1 | 905.6 | 903.3 | 900.9 | 898.6 | 895.6 | 892.2 | 888.9 | 885.4 | 882.0 |
| 132.5° | 946.3 | 944.3 | 941.9 | 939.6 | 937.3 | 934.8 | 932.2 | 929.3 | 926.5 | 923.5 | 920.6 |
| 135° | 997.0 | 994.9 | 992.9 | 991.0 | 989.1 | 987.1 | 984.5 | 981.1 | 977.7 | 974.2 | 970.8 |
| 137.5° | 1044.3 | 1042.2 | 1040.0 | 1037.7 | 1035.6 | 1033.4 | 1031.1 | 1028.7 | 1026.3 | 1023.9 | 1021.5 |
| 140° | 1075.0 | 1073.1 | 1070.7 | 1068.3 | 1065.9 | 1063.6 | 1061.6 | 1059.9 | 1058.1 | 1056.4 | 1054.7 |
| 142.5° | 1103.4 | 1101.6 | 1098.9 | 1096.2 | 1093.5 | 1090.8 | 1088.6 | 1087.1 | 1085.6 | 1084.0 | 1082.5 |
| 145° | 1143.1 | 1141.6 | 1137.9 | 1134.3 | 1130.6 | 1127.0 | 1125.3 | 1125.5 | 1125.7 | 1125.9 | 1126.1 |
| 147.5° | 1177.8 | 1176.7 | 1173.1 | 1169.4 | 1165.9 | 1162.3 | 1160.8 | 1161.6 | 1162.5 | 1163.3 | 1164.2 |
| 150° | 1198.8 | 1197.5 | 1194.1 | 1190.6 | 1187.2 | 1183.8 | 1182.9 | 1184.4 | 1185.8 | 1187.3 | 1188.8 |
| 152.5° | 1218.1 | 1216.8 | 1213.6 | 1210.3 | 1207.0 | 1203.8 | 1203.0 | 1204.7 | 1206.3 | 1208.0 | 1209.7 |
| 155° | 1244.2 | 1242.8 | 1240.3 | 1237.7 | 1235.2 | 1232.5 | 1232.2 | 1234.2 | 1236.1 | 1238.0 | 1240.0 |
| 157.5° | 1266.0 | 1264.5 | 1262.6 | 1260.9 | 1259.1 | 1257.3 | 1257.2 | 1258.8 | 1260.4 | 1262.1 | 1263.7 |
| 160° | 1278.9 | 1277.6 | 1276.4 | 1275.1 | 1273.7 | 1272.4 | 1272.4 | 1273.7 | 1275.1 | 1276.4 | 1277.6 |
| 162.5° | 1290.6 | 1289.2 | 1288.1 | 1287.0 | 1285.9 | 1284.8 | 1284.9 | 1286.1 | 1287.4 | 1288.7 | 1290.0 |
| 165° | 1305.1 | 1303.6 | 1303.0 | 1302.3 | 1301.7 | 1301.1 | 1301.4 | 1302.7 | 1303.9 | 1305.3 | 1306.6 |
| 167.5° | 1317.3 | 1315.9 | 1315.2 | 1314.6 | 1314.0 | 1313.4 | 1313.7 | 1315.0 | 1316.4 | 1317.6 | 1318.9 |
| 170° | 1323.5 | 1322.0 | 1321.6 | 1321.1 | 1320.7 | 1320.3 | 1320.7 | 1322.0 | 1323.3 | 1324.5 | 1325.9 |
| 172.5° | 1328.2 | 1326.7 | 1326.2 | 1325.8 | 1325.3 | 1324.9 | 1325.3 | 1326.7 | 1327.9 | 1329.2 | 1330.5 |
| 175° | 1333.1 | 1331.6 | 1331.2 | 1330.8 | 1330.4 | 1329.9 | 1330.5 | 1332.0 | 1333.4 | 1334.9 | 1336.5 |
| 177.5° | 1334.0 | 1332.8 | 1332.6 | 1332.4 | 1332.3 | 1332.1 | 1332.6 | 1333.8 | 1335.0 | 1336.3 | 1337.5 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5° | 2024.3 | 2027.3 | 2037.2 | 2047.2 | 2058.3 | 2061.4 | 2066.4 | 2062.0 | 2060.7 | 2072.5 | 2081.2 |
| 5° | 2029.9 | 2043.9 | 2071.0 | 2095.8 | 2116.7 | 2131.3 | 2146.9 | 2153.0 | 2164.6 | 2180.9 | 2201.0 |
| 7.5° | 2023.5 | 2050.5 | 2093.1 | 2129.2 | 2168.5 | 2196.9 | 2219.0 | 2237.9 | 2260.8 | 2291.6 | 2325.1 |
| 10° | 2016.0 | 2052.4 | 2104.3 | 2148.4 | 2196.4 | 2232.7 | 2262.9 | 2292.3 | 2326.4 | 2368.9 | 2413.1 |
| 12.5° | 2002.5 | 2045.6 | 2110.4 | 2162.6 | 2224.2 | 2260.0 | 2300.7 | 2364.2 | 2400.7 | 2459.9 | 2522.0 |
| 15° | 1975.0 | 2023.0 | 2113.5 | 2177.8 | 2247.5 | 2315.5 | 2390.7 | 2450.9 | 2511.3 | 2546.2 | 2633.6 |
| 17.5° | 1934.3 | 2004.8 | 2105.1 | 2180.0 | 2268.5 | 2375.7 | 2460.1 | 2528.5 | 2598.2 | 2654.6 | 2698.5 |
| 20° | 1901.5 | 1978.1 | 2092.6 | 2182.4 | 2287.6 | 2403.0 | 2499.7 | 2569.4 | 2629.8 | 2677.0 | 2704.0 |
| 22.5° | 1860.0 | 1956.4 | 2067.9 | 2173.1 | 2307.5 | 2421.6 | 2523.2 | 2578.1 | 2628.5 | 2651.6 | 2661.9 |
| 25° | 1794.7 | 1910.8 | 2036.9 | 2165.5 | 2317.1 | 2437.8 | 2530.7 | 2563.9 | 2578.7 | 2556.3 | 2519.1 |
| 27.5° | 1724.2 | 1853.7 | 2001.1 | 2150.8 | 2311.2 | 2427.3 | 2493.9 | 2488.6 | 2463.7 | 2391.1 | 2333.0 |
| 30° | 1671.6 | 1814.0 | 1972.7 | 2136.0 | 2296.9 | 2409.9 | 2448.6 | 2409.9 | 2353.5 | 2272.2 | 2189.4 |
| 32.5° | 1616.6 | 1763.9 | 1942.4 | 2115.0 | 2271.0 | 2370.4 | 2378.7 | 2312.2 | 2224.7 | 2132.3 | 2029.0 |
| 35° | 1533.1 | 1692.5 | 1885.2 | 2067.9 | 2215.7 | 2278.4 | 2241.3 | 2123.6 | 2019.9 | 1893.8 | 1752.9 |
| 37.5° | 1438.9 | 1614.9 | 1808.2 | 1999.0 | 2132.9 | 2149.3 | 2057.1 | 1933.2 | 1787.0 | 1638.7 | 1472.9 |
| 40° | 1368.3 | 1554.8 | 1753.7 | 1946.4 | 2064.8 | 2047.8 | 1930.2 | 1793.9 | 1619.8 | 1438.7 | 1284.6 |
| 42.5° | 1305.1 | 1491.7 | 1694.3 | 1883.2 | 1978.1 | 1931.4 | 1793.9 | 1626.8 | 1439.7 | 1269.1 | 1128.0 |
| 45° | 1195.7 | 1387.7 | 1595.1 | 1777.7 | 1831.9 | 1747.5 | 1565.6 | 1379.9 | 1195.7 | 1053.3 | 941.9 |
| 47.5° | 1089.5 | 1279.3 | 1484.7 | 1645.2 | 1664.4 | 1551.0 | 1352.2 | 1161.0 | 1002.7 | 886.8 | 808.1 |
| 50° | 1011.5 | 1201.8 | 1405.4 | 1548.6 | 1542.4 | 1405.4 | 1201.1 | 1019.3 | 886.9 | 793.2 | 740.6 |
| 52.5° | 941.5 | 1121.4 | 1316.9 | 1447.0 | 1414.2 | 1264.9 | 1069.9 | 908.4 | 799.6 | 726.4 | 678.7 |
| 55° | 832.7 | 999.2 | 1184.9 | 1289.3 | 1229.0 | 1063.4 | 898.5 | 768.5 | 688.0 | 633.1 | 595.9 |
| 57.5° | 724.7 | 880.7 | 1039.7 | 1104.1 | 1037.3 | 884.4 | 747.0 | 652.7 | 592.2 | 551.5 | 527.4 |
| 60° | 657.8 | 794.1 | 935.6 | 991.4 | 911.7 | 775.5 | 667.1 | 582.8 | 534.0 | 500.7 | 479.1 |
| 62.5° | 591.0 | 713.0 | 846.5 | 876.9 | 804.0 | 688.8 | 592.8 | 522.7 | 482.6 | 453.0 | 432.6 |
| 65° | 500.0 | 599.8 | 701.1 | 721.2 | 654.0 | 564.9 | 489.1 | 443.4 | 407.9 | 386.2 | 369.9 |
| 67.5° | 410.0 | 490.2 | 562.0 | 578.2 | 519.3 | 457.6 | 402.7 | 362.9 | 338.8 | 320.8 | 307.1 |
| 70° | 356.8 | 420.2 | 479.1 | 492.2 | 445.0 | 390.0 | 348.3 | 316.5 | 294.9 | 279.4 | 266.2 |
| 72.5° | 300.4 | 353.4 | 402.2 | 411.1 | 372.5 | 330.6 | 296.3 | 271.4 | 252.2 | 242.3 | 229.7 |
| 75° | 229.8 | 260.8 | 298.7 | 301.0 | 275.5 | 249.9 | 223.7 | 207.4 | 197.3 | 185.0 | 178.7 |
| 77.5° | 162.2 | 186.5 | 208.1 | 212.4 | 197.2 | 179.9 | 165.1 | 152.3 | 143.8 | 138.0 | 132.3 |
| 80° | 123.8 | 143.2 | 152.5 | 157.8 | 147.0 | 134.6 | 126.1 | 117.6 | 112.2 | 108.4 | 104.5 |
| 82.5° | 88.6 | 100.5 | 109.2 | 113.3 | 107.4 | 100.0 | 91.5 | 86.6 | 82.5 | 79.3 | 77.9 |
| 85° | 44.8 | 50.3 | 55.7 | 57.3 | 55.7 | 52.6 | 48.0 | 48.0 | 45.6 | 44.8 | 44.8 |
| 87.5° | 16.2 | 19.1 | 19.6 | 21.9 | 21.1 | 21.4 | 21.7 | 21.5 | 21.2 | 20.8 | 20.4 |
| 90° | 3.3 | 5.7 | 8.1 | 10.4 | 12.4 | 14.1 | 15.9 | 17.6 | 19.3 | 20.4 | 21.4 |
| 92.5° | 19.3 | 19.1 | 18.9 | 18.7 | 19.0 | 19.8 | 20.7 | 21.5 | 22.4 | 22.9 | 23.5 |
| 95° | 55.6 | 48.6 | 41.5 | 34.4 | 31.6 | 33.1 | 34.6 | 36.2 | 37.7 | 38.7 | 39.8 |
| 97.5° | 104.5 | 84.6 | 64.6 | 44.7 | 36.5 | 40.0 | 43.4 | 46.9 | 50.4 | 51.2 | 52.1 |
| 100° | 141.4 | 112.0 | 82.7 | 53.3 | 40.4 | 44.0 | 47.7 | 51.4 | 55.0 | 56.8 | 58.5 |
| 102.5° | 215.5 | 209.3 | 203.1 | 196.8 | 178.5 | 148.0 | 117.5 | 87.1 | 56.6 | 58.8 | 61.0 |
| 105° | 299.8 | 306.2 | 312.7 | 319.1 | 293.1 | 234.5 | 175.9 | 117.4 | 58.9 | 61.2 | 63.6 |
| 107.5° | 380.2 | 385.4 | 390.5 | 395.8 | 363.2 | 293.1 | 222.8 | 152.6 | 82.4 | 80.0 | 77.6 |
| 110° | 432.0 | 436.5 | 441.0 | 445.5 | 416.8 | 354.8 | 292.9 | 230.9 | 168.8 | 147.4 | 125.9 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 480.9 | 484.8 | 488.9 | 492.8 | 487.2 | 471.9 | 456.6 | 441.2 | 426.0 | 347.7 | 269.4 |
| 115° | 558.5 | 562.2 | 565.8 | 569.5 | 573.9 | 579.3 | 584.6 | 590.1 | 595.4 | 496.0 | 396.8 |
| 117.5° | 628.6 | 632.7 | 636.7 | 640.9 | 644.7 | 648.4 | 652.1 | 655.8 | 659.4 | 635.4 | 611.4 |
| 120° | 678.7 | 681.9 | 685.1 | 688.3 | 691.9 | 695.7 | 699.6 | 703.5 | 707.3 | 709.9 | 712.5 |
| 122.5° | 722.1 | 725.5 | 728.8 | 732.3 | 736.1 | 740.2 | 744.5 | 748.6 | 752.9 | 754.4 | 756.0 |
| 125° | 787.3 | 790.1 | 792.8 | 795.7 | 799.1 | 803.1 | 807.3 | 811.3 | 815.4 | 816.9 | 818.4 |
| 127.5° | 847.3 | 850.3 | 853.4 | 856.5 | 859.6 | 862.6 | 865.7 | 868.7 | 871.7 | 873.9 | 876.2 |
| 130° | 885.4 | 888.9 | 892.2 | 895.6 | 898.6 | 900.9 | 903.3 | 905.6 | 908.1 | 910.4 | 912.7 |
| 132.5° | 923.5 | 926.5 | 929.3 | 932.2 | 934.8 | 937.3 | 939.6 | 941.9 | 944.3 | 946.3 | 948.4 |
| 135° | 974.2 | 977.7 | 981.1 | 984.5 | 987.1 | 989.1 | 991.0 | 992.9 | 994.9 | 997.0 | 999.2 |
| 137.5° | 1023.9 | 1026.3 | 1028.7 | 1031.1 | 1033.4 | 1035.6 | 1037.7 | 1040.0 | 1042.2 | 1044.3 | 1046.3 |
| 140° | 1056.4 | 1058.1 | 1059.9 | 1061.6 | 1063.6 | 1065.9 | 1068.3 | 1070.7 | 1073.1 | 1075.0 | 1076.9 |
| 142.5° | 1084.0 | 1085.6 | 1087.1 | 1088.6 | 1090.8 | 1093.5 | 1096.2 | 1098.9 | 1101.6 | 1103.4 | 1105.1 |
| 145° | 1125.9 | 1125.7 | 1125.5 | 1125.3 | 1127.0 | 1130.6 | 1134.3 | 1137.9 | 1141.6 | 1143.1 | 1144.6 |
| 147.5° | 1163.3 | 1162.5 | 1161.6 | 1160.8 | 1162.3 | 1165.9 | 1169.4 | 1173.1 | 1176.7 | 1177.8 | 1178.9 |
| 150° | 1187.3 | 1185.8 | 1184.4 | 1182.9 | 1183.8 | 1187.2 | 1190.6 | 1194.1 | 1197.5 | 1198.8 | 1200.1 |
| 152.5° | 1208.0 | 1206.3 | 1204.7 | 1203.0 | 1203.8 | 1207.0 | 1210.3 | 1213.6 | 1216.8 | 1218.1 | 1219.4 |
| 155° | 1238.0 | 1236.1 | 1234.2 | 1232.2 | 1232.5 | 1235.2 | 1237.7 | 1240.3 | 1242.8 | 1244.2 | 1245.5 |
| 157.5° | 1262.1 | 1260.4 | 1258.8 | 1257.2 | 1257.3 | 1259.1 | 1260.9 | 1262.6 | 1264.5 | 1266.0 | 1267.4 |
| 160° | 1276.4 | 1275.1 | 1273.7 | 1272.4 | 1272.4 | 1273.7 | 1275.1 | 1276.4 | 1277.6 | 1278.9 | 1280.2 |
| 162.5° | 1288.7 | 1287.4 | 1286.1 | 1284.9 | 1284.8 | 1285.9 | 1287.0 | 1288.1 | 1289.2 | 1290.6 | 1292.1 |
| 165° | 1305.3 | 1303.9 | 1302.7 | 1301.4 | 1301.1 | 1301.7 | 1302.3 | 1303.0 | 1303.6 | 1305.1 | 1306.7 |
| 167.5° | 1317.6 | 1316.4 | 1315.0 | 1313.7 | 1313.4 | 1314.0 | 1314.6 | 1315.2 | 1315.9 | 1317.3 | 1318.8 |
| 170° | 1324.5 | 1323.3 | 1322.0 | 1320.7 | 1320.3 | 1320.7 | 1321.1 | 1321.6 | 1322.0 | 1323.5 | 1325.0 |
| 172.5° | 1329.2 | 1327.9 | 1326.7 | 1325.3 | 1324.9 | 1325.3 | 1325.8 | 1326.2 | 1326.7 | 1328.2 | 1329.6 |
| 175° | 1334.9 | 1333.4 | 1332.0 | 1330.5 | 1329.9 | 1330.4 | 1330.8 | 1331.2 | 1331.6 | 1333.1 | 1334.6 |
| 177.5° | 1336.3 | 1335.0 | 1333.8 | 1332.6 | 1332.1 | 1332.3 | 1332.4 | 1332.6 | 1332.8 | 1334.0 | 1335.2 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 | 2013.7 |
| 2.5° | 2088.6 | 2097.3 | 2097.3 | 2098.5 | 2108.4 | 2107.2 | 2106.6 |
| 5° | 2222.7 | 2235.8 | 2237.4 | 2251.3 | 2260.6 | 2257.5 | 2249.0 |
| 7.5° | 2349.1 | 2373.6 | 2392.2 | 2402.6 | 2414.8 | 2422.4 | 2418.9 |
| 10° | 2449.4 | 2485.1 | 2506.7 | 2521.4 | 2539.2 | 2552.3 | 2547.7 |
| 12.5° | 2540.4 | 2582.8 | 2612.6 | 2637.8 | 2640.1 | 2657.0 | 2645.5 |
| 15° | 2682.4 | 2727.2 | 2731.9 | 2750.5 | 2765.2 | 2763.6 | 2764.4 |
| 17.5° | 2729.3 | 2743.7 | 2746.6 | 2747.0 | 2747.2 | 2741.8 | 2730.1 |
| 20° | 2712.6 | 2707.1 | 2694.0 | 2683.9 | 2666.1 | 2663.8 | 2648.4 |
| 22.5° | 2633.3 | 2616.2 | 2583.1 | 2561.3 | 2533.7 | 2526.4 | 2522.0 |
| 25° | 2477.3 | 2439.3 | 2386.7 | 2336.4 | 2322.5 | 2295.4 | 2303.2 |
| 27.5° | 2263.2 | 2204.1 | 2147.2 | 2106.3 | 2069.3 | 2028.7 | 2040.3 |
| 30° | 2112.7 | 2046.2 | 1965.7 | 1903.8 | 1864.3 | 1825.6 | 1818.7 |
| 32.5° | 1933.2 | 1835.7 | 1746.0 | 1691.4 | 1630.9 | 1606.5 | 1579.7 |
| 35° | 1623.7 | 1528.4 | 1439.5 | 1362.8 | 1318.8 | 1284.6 | 1253.7 |
| 37.5° | 1345.2 | 1235.7 | 1163.8 | 1101.8 | 1069.9 | 1050.4 | 1055.3 |
| 40° | 1172.5 | 1076.5 | 1023.9 | 976.6 | 947.3 | 933.3 | 936.4 |
| 42.5° | 1032.6 | 960.7 | 917.4 | 885.0 | 864.3 | 856.6 | 854.7 |
| 45° | 873.7 | 833.5 | 797.9 | 779.3 | 769.3 | 760.7 | 755.4 |
| 47.5° | 765.4 | 732.6 | 712.5 | 701.5 | 692.7 | 684.0 | 683.8 |
| 50° | 700.3 | 678.7 | 664.8 | 653.2 | 646.2 | 640.1 | 645.4 |
| 52.5° | 650.9 | 631.1 | 617.1 | 606.7 | 604.1 | 598.5 | 598.3 |
| 55° | 577.3 | 561.9 | 551.8 | 542.5 | 537.9 | 534.7 | 530.9 |
| 57.5° | 510.5 | 495.7 | 486.5 | 480.6 | 471.8 | 468.7 | 467.5 |
| 60° | 462.8 | 451.2 | 441.9 | 434.1 | 430.3 | 424.1 | 424.1 |
| 62.5° | 418.8 | 407.3 | 398.6 | 392.6 | 386.4 | 383.8 | 384.5 |
| 65° | 355.3 | 346.0 | 337.4 | 331.2 | 329.7 | 325.1 | 326.6 |
| 67.5° | 296.7 | 290.5 | 281.6 | 278.1 | 275.2 | 272.8 | 270.8 |
| 70° | 257.7 | 251.6 | 246.9 | 242.3 | 239.9 | 239.9 | 239.9 |
| 72.5° | 224.9 | 217.4 | 214.7 | 208.8 | 210.2 | 207.7 | 205.2 |
| 75° | 174.1 | 169.5 | 167.1 | 164.8 | 161.0 | 161.0 | 161.0 |
| 77.5° | 128.2 | 126.7 | 124.0 | 121.5 | 120.6 | 119.8 | 120.1 |
| 80° | 99.1 | 98.3 | 96.7 | 96.7 | 95.2 | 94.4 | 92.9 |
| 82.5° | 76.1 | 74.1 | 73.2 | 72.6 | 72.3 | 72.1 | 71.8 |
| 85° | 43.3 | 41.8 | 41.8 | 42.5 | 41.0 | 41.0 | 41.8 |
| 87.5° | 21.2 | 21.4 | 21.0 | 21.0 | 21.7 | 21.2 | 21.3 |
| 90° | 22.5 | 23.6 | 24.3 | 24.7 | 25.1 | 25.7 | 26.1 |
| 92.5° | 24.0 | 24.6 | 25.0 | 25.2 | 25.5 | 25.8 | 26.1 |
| 95° | 40.9 | 41.9 | 42.3 | 42.1 | 41.9 | 41.7 | 41.5 |
| 97.5° | 52.9 | 53.8 | 54.3 | 54.6 | 54.8 | 55.1 | 55.3 |
| 100° | 60.2 | 61.9 | 62.9 | 63.3 | 63.8 | 64.2 | 64.6 |
| 102.5° | 63.2 | 65.4 | 66.9 | 67.5 | 68.1 | 68.7 | 69.3 |
| 105° | 65.9 | 68.3 | 69.9 | 70.8 | 71.6 | 72.5 | 73.3 |
| 107.5° | 75.2 | 72.8 | 72.0 | 72.9 | 73.7 | 74.6 | 75.4 |
| 110° | 104.5 | 83.1 | 72.8 | 73.6 | 74.5 | 75.3 | 76.2 |



TEST NUMBER: P331597-840

CATALOG NUMBER: S122DIW-S1005D970U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 191.3 | 113.0 | 74.2 | 74.9 | 75.6 | 76.3 | 77.1 |
| 115° | 297.5 | 198.2 | 140.9 | 125.4 | 110.0 | 94.5 | 79.2 |
| 117.5° | 587.4 | 563.4 | 526.0 | 475.2 | 424.5 | 373.9 | 323.1 |
| 120° | 715.0 | 717.6 | 704.4 | 675.5 | 646.5 | 617.5 | 588.7 |
| 122.5° | 757.5 | 759.0 | 757.0 | 751.3 | 745.8 | 740.1 | 734.6 |
| 125° | 819.9 | 821.4 | 822.4 | 823.1 | 823.7 | 824.4 | 825.1 |
| 127.5° | 878.3 | 880.5 | 881.6 | 881.8 | 881.9 | 882.0 | 882.1 |
| 130° | 915.1 | 917.5 | 918.6 | 918.3 | 918.1 | 917.9 | 917.7 |
| 132.5° | 950.4 | 952.4 | 953.3 | 953.0 | 952.8 | 952.6 | 952.4 |
| 135° | 1001.3 | 1003.4 | 1004.3 | 1003.9 | 1003.4 | 1003.0 | 1002.6 |
| 137.5° | 1048.4 | 1050.6 | 1051.3 | 1050.6 | 1049.8 | 1049.0 | 1048.3 |
| 140° | 1078.8 | 1080.8 | 1081.2 | 1080.2 | 1079.0 | 1077.9 | 1076.9 |
| 142.5° | 1106.9 | 1108.6 | 1108.9 | 1107.9 | 1106.8 | 1105.8 | 1104.7 |
| 145° | 1146.1 | 1147.5 | 1147.8 | 1146.7 | 1145.6 | 1144.6 | 1143.5 |
| 147.5° | 1180.0 | 1181.1 | 1181.2 | 1180.3 | 1179.4 | 1178.5 | 1177.6 |
| 150° | 1201.3 | 1202.6 | 1202.7 | 1201.7 | 1200.6 | 1199.5 | 1198.5 |
| 152.5° | 1220.6 | 1221.9 | 1221.9 | 1220.5 | 1219.1 | 1217.7 | 1216.3 |
| 155° | 1246.7 | 1248.0 | 1247.8 | 1246.1 | 1244.4 | 1242.6 | 1240.9 |
| 157.5° | 1268.9 | 1270.3 | 1270.2 | 1268.5 | 1266.9 | 1265.2 | 1263.5 |
| 160° | 1281.4 | 1282.7 | 1282.6 | 1281.1 | 1279.6 | 1278.2 | 1276.7 |
| 162.5° | 1293.5 | 1295.1 | 1294.8 | 1292.9 | 1291.1 | 1289.3 | 1287.5 |
| 165° | 1308.2 | 1309.7 | 1309.7 | 1308.2 | 1306.7 | 1305.1 | 1303.6 |
| 167.5° | 1320.3 | 1321.8 | 1321.6 | 1319.7 | 1317.8 | 1315.9 | 1313.9 |
| 170° | 1326.5 | 1328.0 | 1327.8 | 1325.9 | 1323.9 | 1322.0 | 1320.1 |
| 172.5° | 1331.1 | 1332.6 | 1332.4 | 1330.5 | 1328.6 | 1326.7 | 1324.7 |
| 175° | 1336.2 | 1337.7 | 1337.4 | 1335.1 | 1333.0 | 1330.9 | 1328.8 |
| 177.5° | 1336.4 | 1337.6 | 1337.5 | 1335.8 | 1334.3 | 1332.8 | 1331.3 |
| 180° | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 | 1333.5 |

(END OF REPORT)