

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: P331598-830

Luminaire Tested: **S122DIW-S1005D970U830-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331598-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-8,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122DIW-S1005D970U830-4F0-1E-UDD-A1
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 970 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7314.2 lumens
Efficiency: N/A
Efficacy: 108.5 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: General Diffuse

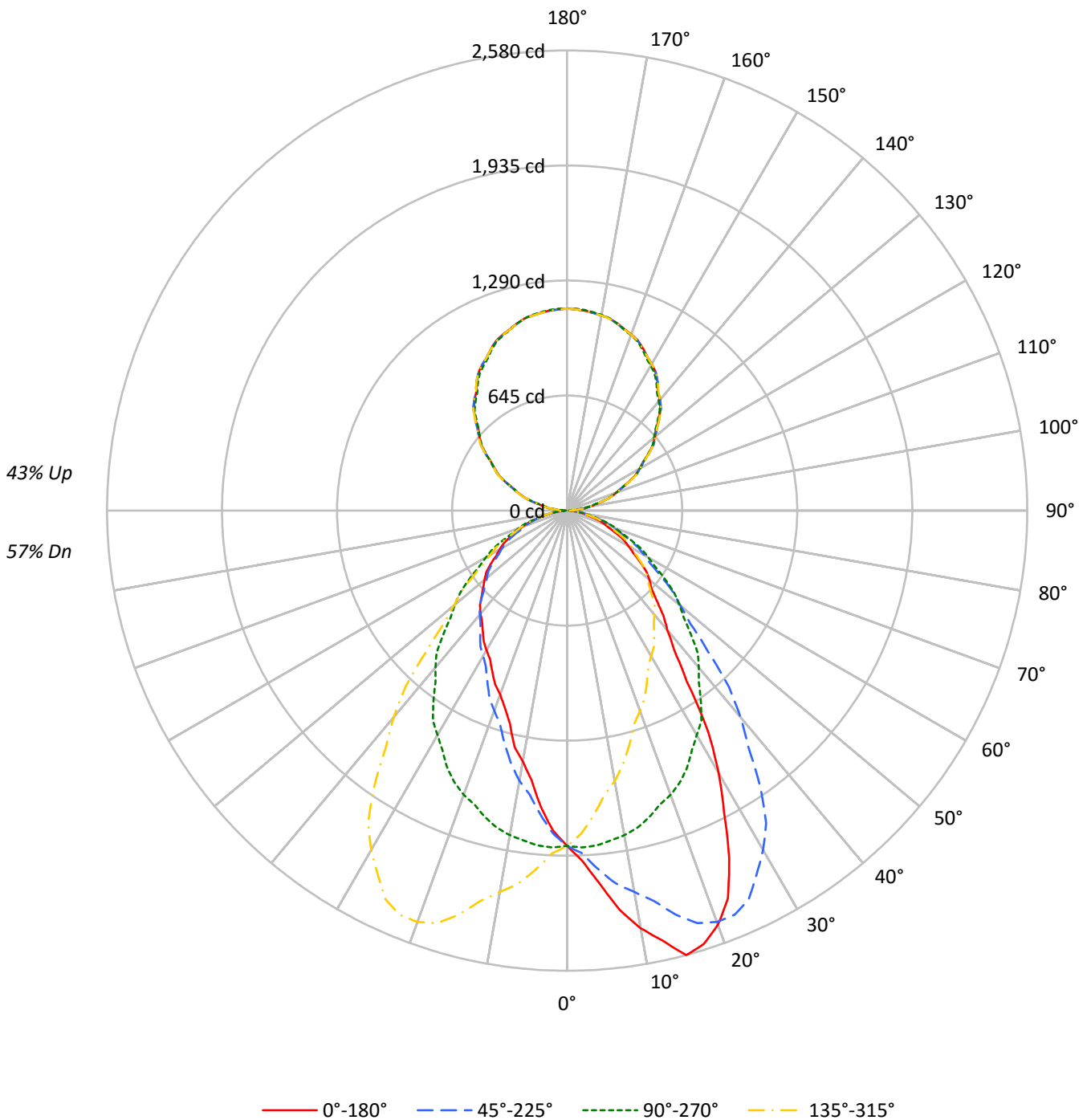
Input Watts (W): 67.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 109 | 109 | 109 | 109 | 101 | 101 | 101 | 101 | 87 | 87 | 87 | 74 | 74 | 74 | 62 | 62 | 62 | 57 |
| 1 | 100 | 96 | 92 | 89 | 93 | 89 | 86 | 83 | 77 | 75 | 73 | 66 | 64 | 63 | 56 | 55 | 54 | 49 |
| 2 | 91 | 84 | 78 | 73 | 85 | 79 | 73 | 69 | 68 | 64 | 61 | 59 | 56 | 53 | 50 | 48 | 46 | 42 |
| 3 | 84 | 74 | 67 | 62 | 78 | 70 | 63 | 58 | 61 | 56 | 52 | 52 | 49 | 46 | 45 | 42 | 40 | 36 |
| 4 | 77 | 66 | 59 | 53 | 71 | 62 | 55 | 50 | 54 | 49 | 45 | 47 | 43 | 40 | 40 | 37 | 35 | 31 |
| 5 | 71 | 59 | 51 | 46 | 66 | 56 | 49 | 43 | 49 | 43 | 39 | 43 | 38 | 35 | 37 | 33 | 31 | 28 |
| 6 | 65 | 54 | 46 | 40 | 61 | 50 | 43 | 38 | 44 | 39 | 34 | 39 | 34 | 31 | 33 | 30 | 27 | 25 |
| 7 | 61 | 49 | 41 | 35 | 56 | 46 | 39 | 34 | 40 | 35 | 31 | 35 | 31 | 28 | 31 | 27 | 25 | 22 |
| 8 | 56 | 44 | 37 | 31 | 53 | 42 | 35 | 30 | 37 | 31 | 27 | 33 | 28 | 25 | 28 | 25 | 22 | 20 |
| 9 | 53 | 41 | 33 | 28 | 49 | 38 | 32 | 27 | 34 | 29 | 25 | 30 | 26 | 22 | 26 | 23 | 20 | 18 |
| 10 | 49 | 37 | 30 | 25 | 46 | 35 | 29 | 24 | 32 | 26 | 22 | 28 | 23 | 20 | 24 | 21 | 18 | 17 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 30344 | 30344 | 30344 | 30344 |
| 5° | 34020 | 30543 | 27067 | 30543 |
| 10° | 38984 | 30293 | 23423 | 30293 |
| 15° | 43127 | 29737 | 20694 | 29737 |
| 20° | 42471 | 29141 | 18866 | 29141 |
| 25° | 38297 | 28349 | 17706 | 28349 |
| 30° | 31646 | 27082 | 16861 | 27082 |
| 35° | 23065 | 25754 | 16259 | 25754 |
| 40° | 18421 | 24190 | 15924 | 24190 |
| 45° | 16098 | 22379 | 15470 | 22379 |
| 50° | 15131 | 20627 | 15169 | 20627 |
| 55° | 13948 | 18849 | 14762 | 18849 |
| 60° | 12784 | 16956 | 14134 | 16956 |
| 65° | 11645 | 15259 | 13521 | 15259 |
| 70° | 10570 | 13605 | 12619 | 13605 |
| 75° | 9370 | 11759 | 11179 | 11759 |
| 80° | 8061 | 9735 | 9000 | 9735 |
| 85° | 7225 | 7225 | 5354 | 7225 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 179.0 | 2.4 |
| 10°-20° | 520.4 | 7.1 |
| 20°-30° | 755.2 | 10.3 |
| 30°-40° | 796.9 | 10.9 |
| 40°-50° | 705.6 | 9.6 |
| 50°-60° | 563.1 | 7.7 |
| 60°-70° | 382.7 | 5.2 |
| 70°-80° | 196.2 | 2.7 |
| 80°-90° | 51.8 | 0.7 |
| 90°-100° | 71.7 | 1.0 |
| 100°-110° | 222.6 | 3.0 |
| 110°-120° | 380.6 | 5.2 |
| 120°-130° | 500.5 | 6.8 |
| 130°-140° | 561.7 | 7.7 |
| 140°-150° | 550.8 | 7.5 |
| 150°-160° | 462.0 | 6.3 |
| 160°-170° | 306.4 | 4.2 |
| 170°-180° | 107.1 | 1.5 |
| 0°-30° | 1454.6 | 19.9 |
| 0°-40° | 2251.5 | 30.8 |
| 0°-60° | 3520.2 | 48.1 |
| 0°-90° | 4151.0 | 56.8 |
| 90°-120° | 674.9 | 9.2 |
| 90°-150° | 2287.8 | 31.3 |
| 90°-180° | 3163.0 | 43.2 |
| 0°-180° | 7314.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1879 | 1879 | 1879 | 1879 | 1879 | |
| 5° | 2099 | 1884 | 1670 | 1884 | 2099 | 210 |
| 15° | 2580 | 1779 | 1238 | 1779 | 2580 | 712 |
| 25° | 2150 | 1591 | 994 | 1591 | 2150 | 972 |
| 35° | 1170 | 1307 | 825 | 1307 | 1170 | 761 |
| 45° | 705 | 980 | 678 | 980 | 705 | 554 |
| 55° | 496 | 670 | 524 | 670 | 496 | 444 |
| 65° | 305 | 399 | 354 | 399 | 305 | 303 |
| 75° | 150 | 188 | 179 | 188 | 150 | 161 |
| 85° | 39 | 39 | 29 | 39 | 39 | 44 |
| 90° | 32 | 1 | 32 | 1 | 32 | 16 |
| 95° | 59 | 50 | 59 | 50 | 59 | 66 |
| 105° | 212 | 205 | 212 | 205 | 212 | 223 |
| 115° | 382 | 382 | 382 | 382 | 382 | 377 |
| 125° | 558 | 556 | 558 | 556 | 558 | 497 |
| 135° | 728 | 719 | 728 | 719 | 728 | 560 |
| 145° | 882 | 872 | 882 | 872 | 882 | 551 |
| 155° | 1005 | 998 | 1005 | 998 | 1005 | 463 |
| 165° | 1086 | 1085 | 1086 | 1085 | 1086 | 306 |
| 175° | 1126 | 1129 | 1126 | 1129 | 1126 | 107 |
| 180° | 1131 | 1131 | 1131 | 1131 | 1131 | |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5° | 1966.1 | 1966.7 | 1967.8 | 1958.6 | 1957.5 | 1957.5 | 1949.4 | 1942.5 | 1934.4 | 1923.4 | 1924.6 |
| 5° | 2099.0 | 2107.0 | 2109.9 | 2101.2 | 2088.2 | 2086.8 | 2074.5 | 2054.3 | 2035.5 | 2020.3 | 2009.5 |
| 7.5° | 2257.7 | 2260.9 | 2253.8 | 2242.4 | 2232.7 | 2215.4 | 2192.5 | 2170.1 | 2138.8 | 2110.1 | 2088.7 |
| 10° | 2377.8 | 2382.2 | 2369.9 | 2353.3 | 2339.6 | 2319.4 | 2286.1 | 2252.2 | 2211.0 | 2171.3 | 2139.5 |
| 12.5° | 2469.2 | 2479.8 | 2464.1 | 2461.9 | 2438.5 | 2410.6 | 2371.1 | 2353.9 | 2295.9 | 2240.6 | 2206.6 |
| 15° | 2580.1 | 2579.4 | 2580.9 | 2567.1 | 2549.8 | 2545.4 | 2503.6 | 2458.1 | 2376.4 | 2343.9 | 2287.6 |
| 17.5° | 2548.1 | 2559.0 | 2564.1 | 2563.9 | 2563.5 | 2560.8 | 2547.3 | 2518.6 | 2477.7 | 2425.0 | 2359.9 |
| 20° | 2471.8 | 2486.2 | 2488.4 | 2505.0 | 2514.4 | 2526.7 | 2531.8 | 2523.8 | 2498.5 | 2454.5 | 2398.1 |
| 22.5° | 2353.9 | 2358.0 | 2364.7 | 2390.6 | 2410.9 | 2441.8 | 2457.8 | 2484.4 | 2474.8 | 2453.2 | 2406.2 |
| 25° | 2149.7 | 2142.4 | 2167.7 | 2180.7 | 2227.6 | 2276.7 | 2312.2 | 2351.2 | 2385.9 | 2406.8 | 2393.0 |
| 27.5° | 1904.3 | 1893.5 | 1931.4 | 1965.9 | 2004.0 | 2057.2 | 2112.3 | 2177.5 | 2231.7 | 2299.4 | 2322.7 |
| 30° | 1697.4 | 1703.9 | 1740.0 | 1776.9 | 1834.7 | 1909.8 | 1971.9 | 2043.4 | 2120.7 | 2196.6 | 2249.3 |
| 32.5° | 1474.4 | 1499.4 | 1522.2 | 1578.7 | 1629.6 | 1713.4 | 1804.3 | 1893.8 | 1990.2 | 2076.4 | 2158.0 |
| 35° | 1170.2 | 1199.0 | 1230.9 | 1272.0 | 1343.5 | 1426.5 | 1515.4 | 1636.1 | 1767.6 | 1885.3 | 1982.1 |
| 37.5° | 985.0 | 980.3 | 998.5 | 1028.3 | 1086.2 | 1153.3 | 1255.6 | 1374.7 | 1529.5 | 1667.8 | 1804.3 |
| 40° | 874.0 | 871.1 | 884.1 | 911.5 | 955.6 | 1004.8 | 1094.3 | 1199.0 | 1342.7 | 1511.8 | 1674.3 |
| 42.5° | 797.8 | 799.5 | 806.7 | 826.0 | 856.2 | 896.6 | 963.7 | 1052.8 | 1184.5 | 1343.7 | 1518.3 |
| 45° | 705.0 | 710.0 | 718.0 | 727.4 | 744.7 | 778.0 | 815.5 | 879.1 | 983.1 | 1116.0 | 1287.9 |
| 47.5° | 638.2 | 638.4 | 646.5 | 654.7 | 665.0 | 683.7 | 714.4 | 754.2 | 827.6 | 935.9 | 1083.6 |
| 50° | 602.4 | 597.4 | 603.1 | 609.6 | 620.5 | 633.5 | 653.7 | 691.3 | 740.4 | 827.7 | 951.3 |
| 52.5° | 558.5 | 558.6 | 563.8 | 566.3 | 576.0 | 589.0 | 607.5 | 633.5 | 678.0 | 746.3 | 847.8 |
| 55° | 495.5 | 499.1 | 502.0 | 506.3 | 515.0 | 524.4 | 538.9 | 556.2 | 590.9 | 642.2 | 717.3 |
| 57.5° | 436.3 | 437.4 | 440.4 | 448.6 | 454.0 | 462.7 | 476.5 | 492.2 | 514.7 | 552.7 | 609.2 |
| 60° | 395.9 | 395.9 | 401.6 | 405.2 | 412.5 | 421.1 | 432.0 | 447.1 | 467.3 | 498.4 | 543.9 |
| 62.5° | 358.8 | 358.3 | 360.6 | 366.5 | 372.0 | 380.1 | 390.9 | 403.8 | 422.8 | 450.4 | 487.9 |
| 65° | 304.8 | 303.4 | 307.7 | 309.2 | 314.9 | 322.9 | 331.6 | 345.3 | 360.4 | 380.7 | 413.9 |
| 67.5° | 252.8 | 254.6 | 256.8 | 259.6 | 262.8 | 271.2 | 276.9 | 286.6 | 299.4 | 316.2 | 338.7 |
| 70° | 223.9 | 223.9 | 223.9 | 226.1 | 230.5 | 234.8 | 240.5 | 248.5 | 260.8 | 275.2 | 295.4 |
| 72.5° | 191.5 | 193.9 | 196.1 | 194.9 | 200.4 | 202.9 | 209.9 | 214.4 | 226.1 | 235.4 | 253.3 |
| 75° | 150.2 | 150.2 | 150.2 | 153.8 | 156.0 | 158.2 | 162.5 | 166.8 | 172.7 | 184.2 | 193.6 |
| 77.5° | 112.1 | 111.8 | 112.5 | 113.4 | 115.7 | 118.3 | 119.6 | 123.5 | 128.8 | 134.2 | 142.1 |
| 80° | 86.7 | 88.1 | 88.9 | 90.3 | 90.3 | 91.7 | 92.5 | 97.6 | 101.1 | 104.7 | 109.8 |
| 82.5° | 67.0 | 67.3 | 67.5 | 67.8 | 68.3 | 69.2 | 71.1 | 72.7 | 74.0 | 77.0 | 80.9 |
| 85° | 39.0 | 38.3 | 38.3 | 39.7 | 39.0 | 39.0 | 40.4 | 41.8 | 41.8 | 42.6 | 44.8 |
| 87.5° | 21.5 | 21.5 | 22.1 | 21.4 | 21.3 | 22.0 | 22.1 | 21.6 | 22.2 | 22.9 | 22.5 |
| 90° | 32.4 | 32.2 | 32.0 | 31.9 | 31.6 | 31.7 | 32.1 | 32.5 | 33.0 | 33.4 | 28.7 |
| 92.5° | 30.9 | 30.9 | 30.8 | 30.8 | 30.7 | 30.7 | 30.6 | 30.5 | 30.4 | 30.3 | 29.2 |
| 95° | 59.2 | 59.6 | 60.0 | 60.4 | 60.9 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 60.7 |
| 97.5° | 102.5 | 102.5 | 102.6 | 102.6 | 102.7 | 102.7 | 102.7 | 102.7 | 102.7 | 102.7 | 101.9 |
| 100° | 130.8 | 131.0 | 131.2 | 131.4 | 131.7 | 131.8 | 131.8 | 131.8 | 131.8 | 131.8 | 131.1 |
| 102.5° | 162.9 | 163.1 | 163.2 | 163.5 | 163.7 | 163.7 | 163.5 | 163.4 | 163.2 | 163.1 | 162.2 |
| 105° | 212.0 | 212.0 | 212.0 | 212.0 | 212.0 | 211.7 | 211.3 | 210.8 | 210.5 | 210.0 | 209.6 |
| 107.5° | 258.2 | 259.1 | 260.0 | 261.1 | 262.0 | 262.4 | 262.3 | 262.1 | 261.9 | 261.7 | 261.7 |
| 110° | 294.1 | 294.6 | 295.3 | 296.0 | 296.6 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 328.4 | 328.9 | 329.3 | 329.8 | 330.3 | 330.7 | 331.3 | 331.8 | 332.2 | 332.8 | 333.0 |
| 115° | 381.8 | 382.5 | 383.1 | 383.8 | 384.4 | 384.8 | 385.0 | 385.2 | 385.5 | 385.7 | 386.1 |
| 117.5° | 432.8 | 433.5 | 434.1 | 434.8 | 435.4 | 435.9 | 436.5 | 437.0 | 437.5 | 438.0 | 439.2 |
| 120° | 468.7 | 469.4 | 470.0 | 470.6 | 471.3 | 471.6 | 471.6 | 471.6 | 471.6 | 471.6 | 473.3 |
| 122.5° | 503.9 | 504.4 | 504.8 | 505.3 | 505.8 | 506.2 | 506.7 | 507.3 | 507.7 | 508.2 | 509.4 |
| 125° | 557.5 | 557.7 | 558.0 | 558.2 | 558.4 | 558.8 | 559.4 | 560.1 | 560.7 | 561.4 | 561.9 |
| 127.5° | 606.4 | 607.1 | 607.8 | 608.4 | 609.1 | 609.8 | 610.6 | 611.3 | 612.1 | 612.9 | 613.7 |
| 130° | 641.5 | 642.3 | 643.2 | 644.0 | 644.9 | 645.5 | 646.0 | 646.4 | 646.9 | 647.2 | 647.7 |
| 132.5° | 675.1 | 675.8 | 676.5 | 677.2 | 677.9 | 678.6 | 679.6 | 680.5 | 681.5 | 682.4 | 682.3 |
| 135° | 727.5 | 728.1 | 728.7 | 729.3 | 730.0 | 730.4 | 730.7 | 730.8 | 731.0 | 731.2 | 730.8 |
| 137.5° | 774.8 | 775.6 | 776.5 | 777.3 | 778.2 | 778.7 | 778.9 | 779.0 | 779.2 | 779.4 | 778.8 |
| 140° | 807.7 | 808.5 | 809.4 | 810.2 | 811.1 | 811.4 | 811.4 | 811.4 | 811.4 | 811.4 | 810.4 |
| 142.5° | 837.4 | 838.3 | 839.1 | 840.0 | 840.8 | 841.1 | 841.0 | 840.8 | 840.7 | 840.5 | 839.8 |
| 145° | 882.1 | 883.0 | 883.8 | 884.7 | 885.5 | 885.8 | 885.6 | 885.4 | 885.1 | 885.0 | 883.7 |
| 147.5° | 922.0 | 922.8 | 923.6 | 924.4 | 925.2 | 925.4 | 924.9 | 924.4 | 924.0 | 923.5 | 922.7 |
| 150° | 948.0 | 948.6 | 949.2 | 949.9 | 950.6 | 950.6 | 949.9 | 949.2 | 948.6 | 948.0 | 947.2 |
| 152.5° | 972.4 | 973.2 | 974.0 | 974.9 | 975.6 | 975.6 | 974.9 | 974.0 | 973.2 | 972.4 | 971.4 |
| 155° | 1005.2 | 1005.9 | 1006.5 | 1007.2 | 1007.8 | 1007.6 | 1006.5 | 1005.5 | 1004.4 | 1003.3 | 1002.7 |
| 157.5° | 1033.5 | 1034.5 | 1035.6 | 1036.6 | 1037.6 | 1037.4 | 1035.9 | 1034.5 | 1033.0 | 1031.6 | 1031.2 |
| 160° | 1051.1 | 1052.0 | 1052.8 | 1053.7 | 1054.5 | 1054.2 | 1053.0 | 1051.7 | 1050.5 | 1049.1 | 1049.0 |
| 162.5° | 1066.4 | 1067.3 | 1068.4 | 1069.4 | 1070.4 | 1070.3 | 1068.7 | 1067.3 | 1065.9 | 1064.4 | 1064.2 |
| 165° | 1086.4 | 1087.5 | 1088.5 | 1089.6 | 1090.6 | 1090.4 | 1088.9 | 1087.5 | 1086.0 | 1084.5 | 1084.5 |
| 167.5° | 1102.9 | 1103.9 | 1105.0 | 1106.2 | 1107.2 | 1107.0 | 1105.6 | 1104.1 | 1102.6 | 1101.1 | 1101.2 |
| 170° | 1111.3 | 1112.5 | 1113.8 | 1115.0 | 1116.3 | 1116.3 | 1114.7 | 1113.2 | 1111.7 | 1110.3 | 1110.5 |
| 172.5° | 1118.1 | 1119.4 | 1120.7 | 1121.9 | 1123.2 | 1123.0 | 1121.6 | 1120.1 | 1118.6 | 1117.1 | 1117.4 |
| 175° | 1125.6 | 1126.8 | 1128.1 | 1129.4 | 1130.7 | 1130.5 | 1129.1 | 1127.6 | 1126.1 | 1124.5 | 1125.0 |
| 177.5° | 1129.0 | 1130.0 | 1131.1 | 1132.0 | 1133.0 | 1133.0 | 1132.0 | 1131.1 | 1130.0 | 1129.0 | 1129.4 |
| 180° | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5° | 1928.6 | 1924.0 | 1921.1 | 1910.7 | 1901.4 | 1892.2 | 1889.3 | 1890.5 | 1877.7 | 1865.6 | 1860.4 |
| 5° | 2003.8 | 1989.2 | 1975.6 | 1956.1 | 1933.0 | 1907.6 | 1894.6 | 1884.5 | 1859.3 | 1831.8 | 1815.9 |
| 7.5° | 2071.0 | 2050.4 | 2023.9 | 1987.3 | 1953.6 | 1913.8 | 1888.6 | 1866.1 | 1829.2 | 1790.5 | 1766.8 |
| 10° | 2112.0 | 2083.9 | 2049.9 | 2005.2 | 1964.0 | 1915.6 | 1881.6 | 1847.7 | 1804.3 | 1758.1 | 1729.2 |
| 12.5° | 2147.3 | 2109.3 | 2075.9 | 2018.5 | 1969.7 | 1909.2 | 1869.0 | 1821.1 | 1775.5 | 1720.5 | 1692.2 |
| 15° | 2231.3 | 2161.2 | 2097.6 | 2032.6 | 1972.6 | 1888.1 | 1843.3 | 1779.0 | 1719.1 | 1651.2 | 1618.7 |
| 17.5° | 2296.1 | 2217.3 | 2117.2 | 2034.7 | 1964.7 | 1871.1 | 1805.3 | 1728.3 | 1657.5 | 1579.9 | 1535.7 |
| 20° | 2333.1 | 2242.8 | 2135.1 | 2036.9 | 1953.1 | 1846.3 | 1774.7 | 1696.0 | 1613.0 | 1525.5 | 1477.9 |
| 22.5° | 2355.0 | 2260.1 | 2153.7 | 2028.3 | 1930.0 | 1826.0 | 1736.0 | 1649.7 | 1565.6 | 1471.2 | 1421.3 |
| 25° | 2362.0 | 2275.3 | 2162.7 | 2021.1 | 1901.1 | 1783.4 | 1675.1 | 1591.3 | 1489.4 | 1401.3 | 1328.3 |
| 27.5° | 2327.6 | 2265.5 | 2157.1 | 2007.4 | 1867.7 | 1730.1 | 1609.3 | 1514.4 | 1406.9 | 1311.3 | 1237.9 |
| 30° | 2285.4 | 2249.3 | 2143.8 | 1993.6 | 1841.2 | 1693.1 | 1560.2 | 1452.6 | 1345.7 | 1248.9 | 1173.7 |
| 32.5° | 2220.2 | 2212.3 | 2119.6 | 1974.0 | 1812.9 | 1646.3 | 1508.8 | 1400.0 | 1281.6 | 1186.5 | 1114.8 |
| 35° | 2091.9 | 2126.5 | 2068.0 | 1930.0 | 1759.5 | 1579.7 | 1430.9 | 1306.6 | 1183.9 | 1092.9 | 1025.7 |
| 37.5° | 1920.0 | 2006.0 | 1990.7 | 1865.8 | 1687.6 | 1507.2 | 1342.9 | 1213.1 | 1096.1 | 1004.2 | 938.3 |
| 40° | 1801.5 | 1911.3 | 1927.1 | 1816.7 | 1636.8 | 1451.1 | 1277.1 | 1147.7 | 1033.6 | 949.9 | 883.4 |
| 42.5° | 1674.3 | 1802.6 | 1846.3 | 1757.7 | 1581.3 | 1392.2 | 1218.1 | 1084.2 | 971.2 | 889.8 | 830.9 |
| 45° | 1461.2 | 1631.0 | 1709.8 | 1659.2 | 1488.7 | 1295.1 | 1116.0 | 980.1 | 877.6 | 801.1 | 755.5 |
| 47.5° | 1262.1 | 1447.6 | 1553.4 | 1535.5 | 1385.7 | 1194.0 | 1016.9 | 886.6 | 786.7 | 725.7 | 684.9 |
| 50° | 1121.1 | 1311.7 | 1439.5 | 1445.4 | 1311.7 | 1121.7 | 944.1 | 821.2 | 729.5 | 672.5 | 639.2 |
| 52.5° | 998.5 | 1180.5 | 1319.9 | 1350.6 | 1229.1 | 1046.6 | 878.7 | 756.6 | 675.8 | 623.4 | 593.6 |
| 55° | 838.6 | 992.5 | 1147.1 | 1203.3 | 1105.9 | 932.6 | 777.2 | 669.6 | 593.7 | 557.6 | 531.6 |
| 57.5° | 697.2 | 825.5 | 968.2 | 1030.5 | 970.3 | 822.0 | 676.4 | 582.9 | 521.4 | 489.7 | 469.8 |
| 60° | 622.6 | 723.8 | 850.9 | 925.3 | 873.3 | 741.1 | 614.0 | 525.1 | 474.6 | 446.4 | 427.6 |
| 62.5° | 553.3 | 642.9 | 750.4 | 818.4 | 790.0 | 665.4 | 551.6 | 473.2 | 429.5 | 403.0 | 389.5 |
| 65° | 456.5 | 527.3 | 610.4 | 673.2 | 654.4 | 559.8 | 466.7 | 399.4 | 364.8 | 343.8 | 333.0 |
| 67.5° | 375.9 | 427.1 | 484.7 | 539.7 | 524.5 | 457.5 | 382.7 | 330.4 | 304.5 | 286.4 | 279.9 |
| 70° | 325.1 | 364.0 | 415.4 | 459.4 | 447.1 | 392.2 | 333.0 | 288.2 | 265.8 | 250.6 | 244.1 |
| 72.5° | 276.5 | 308.6 | 347.7 | 383.7 | 375.4 | 329.8 | 280.4 | 246.6 | 229.4 | 215.4 | 210.1 |
| 75° | 208.8 | 233.3 | 257.1 | 281.0 | 278.8 | 243.5 | 214.5 | 188.5 | 174.8 | 164.0 | 161.8 |
| 77.5° | 154.1 | 167.9 | 184.1 | 198.2 | 194.3 | 174.1 | 151.4 | 136.5 | 126.4 | 119.1 | 118.0 |
| 80° | 117.7 | 125.6 | 137.2 | 147.3 | 142.3 | 133.7 | 115.6 | 104.7 | 97.6 | 90.3 | 87.4 |
| 82.5° | 85.4 | 93.3 | 100.3 | 105.8 | 101.9 | 93.8 | 82.7 | 75.3 | 71.0 | 66.0 | 64.8 |
| 85° | 44.8 | 49.1 | 52.0 | 53.4 | 52.0 | 46.9 | 41.8 | 39.0 | 35.4 | 33.3 | 32.5 |
| 87.5° | 22.1 | 21.2 | 20.3 | 20.7 | 18.5 | 18.0 | 15.2 | 12.9 | 12.8 | 12.7 | 12.2 |
| 90° | 24.0 | 19.4 | 14.7 | 11.1 | 8.6 | 6.0 | 3.5 | 0.9 | 3.5 | 6.0 | 8.6 |
| 92.5° | 28.2 | 27.1 | 25.9 | 24.5 | 22.6 | 20.7 | 18.9 | 17.0 | 18.9 | 20.7 | 22.6 |
| 95° | 60.2 | 59.9 | 59.4 | 58.2 | 56.0 | 53.9 | 51.7 | 49.7 | 51.7 | 53.9 | 56.0 |
| 97.5° | 101.1 | 100.3 | 99.5 | 98.1 | 96.3 | 94.4 | 92.6 | 90.7 | 92.6 | 94.4 | 96.3 |
| 100° | 130.4 | 129.8 | 129.2 | 128.0 | 126.3 | 124.6 | 122.9 | 121.2 | 122.9 | 124.6 | 126.3 |
| 102.5° | 161.5 | 160.6 | 159.9 | 158.7 | 157.4 | 156.0 | 154.7 | 153.4 | 154.7 | 156.0 | 157.4 |
| 105° | 209.2 | 208.8 | 208.3 | 207.8 | 207.2 | 206.5 | 205.9 | 205.3 | 205.9 | 206.5 | 207.2 |
| 107.5° | 261.7 | 261.7 | 261.7 | 261.3 | 260.3 | 259.4 | 258.5 | 257.6 | 258.5 | 259.4 | 260.3 |
| 110° | 296.9 | 296.9 | 296.9 | 296.2 | 295.0 | 293.7 | 292.5 | 291.2 | 292.5 | 293.7 | 295.0 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 333.1 | 333.3 | 333.5 | 332.9 | 331.7 | 330.4 | 329.1 | 327.8 | 329.1 | 330.4 | 331.7 |
| 115° | 386.5 | 386.9 | 387.4 | 386.9 | 385.7 | 384.4 | 383.1 | 381.8 | 383.1 | 384.4 | 385.7 |
| 117.5° | 440.4 | 441.6 | 442.7 | 442.5 | 440.8 | 439.1 | 437.4 | 435.7 | 437.4 | 439.1 | 440.8 |
| 120° | 475.0 | 476.7 | 478.4 | 478.4 | 476.7 | 475.0 | 473.3 | 471.6 | 473.3 | 475.0 | 476.7 |
| 122.5° | 510.7 | 511.8 | 513.0 | 512.6 | 510.6 | 508.5 | 506.5 | 504.4 | 506.5 | 508.5 | 510.6 |
| 125° | 562.6 | 563.3 | 563.9 | 563.3 | 561.4 | 559.4 | 557.5 | 555.6 | 557.5 | 559.4 | 561.4 |
| 127.5° | 614.4 | 615.2 | 616.0 | 615.1 | 612.7 | 610.3 | 607.8 | 605.5 | 607.8 | 610.3 | 612.7 |
| 130° | 648.1 | 648.6 | 648.9 | 647.8 | 645.1 | 642.2 | 639.5 | 636.8 | 639.5 | 642.2 | 645.1 |
| 132.5° | 682.2 | 682.1 | 682.0 | 680.9 | 678.6 | 676.4 | 674.1 | 671.8 | 674.1 | 676.4 | 678.6 |
| 135° | 730.4 | 730.0 | 729.5 | 728.2 | 725.9 | 723.5 | 721.2 | 718.9 | 721.2 | 723.5 | 725.9 |
| 137.5° | 778.3 | 777.7 | 777.2 | 775.9 | 774.0 | 772.1 | 770.2 | 768.3 | 770.2 | 772.1 | 774.0 |
| 140° | 809.4 | 808.3 | 807.2 | 805.7 | 803.8 | 801.9 | 800.0 | 798.1 | 800.0 | 801.9 | 803.8 |
| 142.5° | 839.1 | 838.3 | 837.6 | 836.3 | 834.3 | 832.5 | 830.6 | 828.7 | 830.6 | 832.5 | 834.3 |
| 145° | 882.4 | 881.2 | 879.9 | 878.5 | 877.0 | 875.5 | 874.0 | 872.5 | 874.0 | 875.5 | 877.0 |
| 147.5° | 921.8 | 921.0 | 920.1 | 918.8 | 917.0 | 915.3 | 913.5 | 911.7 | 913.5 | 915.3 | 917.0 |
| 150° | 946.3 | 945.5 | 944.6 | 943.5 | 942.3 | 940.9 | 939.7 | 938.4 | 939.7 | 940.9 | 942.3 |
| 152.5° | 970.3 | 969.4 | 968.4 | 967.2 | 965.9 | 964.7 | 963.4 | 962.1 | 963.4 | 964.7 | 965.9 |
| 155° | 1002.1 | 1001.5 | 1000.8 | 1000.1 | 999.6 | 998.9 | 998.2 | 997.6 | 998.2 | 998.9 | 999.6 |
| 157.5° | 1030.9 | 1030.5 | 1030.1 | 1029.6 | 1029.3 | 1028.8 | 1028.4 | 1027.9 | 1028.4 | 1028.8 | 1029.3 |
| 160° | 1048.8 | 1048.6 | 1048.3 | 1048.0 | 1047.5 | 1047.2 | 1046.7 | 1046.3 | 1046.7 | 1047.2 | 1047.5 |
| 162.5° | 1064.0 | 1063.8 | 1063.6 | 1063.5 | 1063.4 | 1063.3 | 1063.2 | 1063.1 | 1063.2 | 1063.3 | 1063.4 |
| 165° | 1084.5 | 1084.5 | 1084.5 | 1084.6 | 1084.8 | 1085.1 | 1085.2 | 1085.4 | 1085.2 | 1085.1 | 1084.8 |
| 167.5° | 1101.2 | 1101.3 | 1101.3 | 1101.6 | 1102.2 | 1102.9 | 1103.5 | 1104.2 | 1103.5 | 1102.9 | 1102.2 |
| 170° | 1110.7 | 1110.9 | 1111.2 | 1111.5 | 1112.2 | 1112.9 | 1113.4 | 1114.1 | 1113.4 | 1112.9 | 1112.2 |
| 172.5° | 1117.6 | 1117.8 | 1117.9 | 1118.4 | 1119.1 | 1119.6 | 1120.3 | 1121.0 | 1120.3 | 1119.6 | 1119.1 |
| 175° | 1125.4 | 1125.9 | 1126.2 | 1126.8 | 1127.5 | 1128.1 | 1128.7 | 1129.4 | 1128.7 | 1128.1 | 1127.5 |
| 177.5° | 1129.6 | 1130.0 | 1130.3 | 1130.8 | 1131.2 | 1131.8 | 1132.3 | 1132.8 | 1132.3 | 1131.8 | 1131.2 |
| 180° | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5° | 1854.6 | 1851.2 | 1839.0 | 1832.7 | 1822.3 | 1812.4 | 1806.1 | 1809.0 | 1811.3 | 1810.2 | 1808.4 |
| 5° | 1801.5 | 1787.7 | 1766.8 | 1748.7 | 1735.7 | 1711.9 | 1701.8 | 1696.8 | 1692.4 | 1687.3 | 1682.2 |
| 7.5° | 1738.1 | 1716.6 | 1686.5 | 1660.8 | 1636.4 | 1606.8 | 1590.0 | 1579.9 | 1569.4 | 1558.0 | 1547.9 |
| 10° | 1693.1 | 1662.7 | 1631.0 | 1594.9 | 1566.0 | 1539.3 | 1515.4 | 1499.5 | 1485.1 | 1471.4 | 1461.2 |
| 12.5° | 1645.8 | 1610.8 | 1571.5 | 1522.1 | 1490.3 | 1452.0 | 1448.4 | 1420.4 | 1397.8 | 1389.3 | 1377.4 |
| 15° | 1570.3 | 1521.2 | 1471.4 | 1412.9 | 1387.6 | 1352.9 | 1331.2 | 1309.6 | 1290.1 | 1276.3 | 1272.7 |
| 17.5° | 1484.7 | 1421.1 | 1371.5 | 1329.5 | 1288.1 | 1252.5 | 1232.6 | 1215.2 | 1199.2 | 1180.8 | 1178.4 |
| 20° | 1419.4 | 1364.4 | 1310.3 | 1273.5 | 1230.9 | 1194.7 | 1170.2 | 1152.8 | 1139.1 | 1128.2 | 1118.9 |
| 22.5° | 1357.5 | 1297.4 | 1247.8 | 1207.6 | 1165.5 | 1136.3 | 1117.0 | 1100.2 | 1088.8 | 1076.9 | 1068.0 |
| 25° | 1258.3 | 1211.4 | 1157.2 | 1111.6 | 1076.9 | 1058.2 | 1042.3 | 1027.8 | 1020.7 | 1012.7 | 1002.6 |
| 27.5° | 1171.5 | 1119.3 | 1068.6 | 1033.3 | 1002.9 | 986.3 | 975.0 | 965.2 | 958.4 | 953.8 | 948.0 |
| 30° | 1110.2 | 1057.4 | 1017.8 | 983.1 | 957.8 | 941.2 | 934.0 | 928.2 | 920.2 | 917.4 | 914.5 |
| 32.5° | 1051.2 | 1003.7 | 969.8 | 939.7 | 915.6 | 904.7 | 898.1 | 893.0 | 886.7 | 883.8 | 878.1 |
| 35° | 967.9 | 928.2 | 894.9 | 878.4 | 858.8 | 849.4 | 844.4 | 837.2 | 831.4 | 828.5 | 827.7 |
| 37.5° | 889.5 | 855.0 | 833.1 | 811.7 | 803.5 | 797.8 | 790.8 | 785.9 | 784.2 | 783.7 | 783.0 |
| 40° | 838.6 | 810.4 | 791.0 | 773.6 | 770.0 | 761.3 | 755.5 | 751.2 | 751.2 | 752.0 | 751.2 |
| 42.5° | 792.4 | 767.1 | 749.9 | 734.9 | 730.7 | 725.5 | 719.7 | 719.4 | 720.6 | 723.0 | 720.6 |
| 45° | 722.4 | 704.3 | 692.0 | 684.8 | 676.8 | 671.8 | 671.0 | 673.2 | 673.9 | 674.7 | 676.8 |
| 47.5° | 657.9 | 645.9 | 634.8 | 626.8 | 623.4 | 622.5 | 621.6 | 625.4 | 628.9 | 630.2 | 633.5 |
| 50° | 619.7 | 606.1 | 596.6 | 591.5 | 588.7 | 587.2 | 588.7 | 593.0 | 595.9 | 599.6 | 601.7 |
| 52.5° | 577.0 | 567.3 | 560.8 | 556.9 | 555.7 | 556.7 | 556.9 | 561.8 | 566.5 | 567.8 | 568.7 |
| 55° | 517.9 | 510.7 | 509.3 | 502.8 | 505.6 | 504.9 | 508.5 | 511.4 | 515.8 | 520.1 | 520.8 |
| 57.5° | 458.9 | 453.2 | 449.3 | 449.9 | 450.7 | 453.9 | 456.9 | 462.0 | 466.7 | 471.3 | 471.6 |
| 60° | 419.7 | 416.8 | 414.6 | 414.6 | 416.0 | 420.4 | 424.0 | 429.0 | 432.0 | 434.8 | 437.0 |
| 62.5° | 383.8 | 381.0 | 378.8 | 379.9 | 383.7 | 386.3 | 390.5 | 393.2 | 396.2 | 399.0 | 400.0 |
| 65° | 327.3 | 325.7 | 327.9 | 329.4 | 330.1 | 333.8 | 338.7 | 340.9 | 343.8 | 345.3 | 350.3 |
| 67.5° | 275.0 | 275.3 | 275.0 | 277.1 | 281.3 | 282.1 | 286.9 | 292.0 | 292.6 | 295.3 | 298.6 |
| 70° | 239.8 | 241.3 | 242.7 | 244.1 | 247.8 | 249.2 | 252.8 | 255.0 | 257.9 | 260.0 | 262.2 |
| 72.5° | 207.5 | 207.7 | 209.2 | 208.9 | 211.9 | 215.1 | 218.1 | 220.3 | 223.2 | 225.9 | 228.1 |
| 75° | 159.7 | 159.7 | 161.1 | 161.8 | 165.4 | 169.0 | 168.3 | 169.8 | 172.7 | 175.5 | 177.0 |
| 77.5° | 116.6 | 115.0 | 116.6 | 117.3 | 118.5 | 121.5 | 122.1 | 124.1 | 127.4 | 126.4 | 128.0 |
| 80° | 88.9 | 86.7 | 88.9 | 89.5 | 89.5 | 93.2 | 93.2 | 94.6 | 96.8 | 94.6 | 96.8 |
| 82.5° | 63.4 | 62.4 | 64.0 | 64.2 | 65.3 | 65.4 | 66.6 | 66.9 | 69.1 | 68.1 | 69.1 |
| 85° | 31.8 | 31.1 | 31.8 | 31.1 | 31.8 | 32.5 | 32.5 | 31.8 | 31.8 | 33.3 | 31.1 |
| 87.5° | 12.1 | 12.2 | 12.5 | 13.5 | 13.9 | 14.2 | 13.6 | 13.5 | 13.4 | 12.2 | 12.1 |
| 90° | 11.1 | 14.7 | 19.4 | 24.0 | 28.7 | 33.4 | 33.0 | 32.5 | 32.1 | 31.7 | 31.6 |
| 92.5° | 24.5 | 25.9 | 27.1 | 28.2 | 29.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.7 |
| 95° | 58.2 | 59.4 | 59.9 | 60.2 | 60.7 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 60.9 |
| 97.5° | 98.1 | 99.5 | 100.3 | 101.1 | 101.9 | 102.7 | 102.7 | 102.7 | 102.7 | 102.7 | 102.7 |
| 100° | 128.0 | 129.2 | 129.8 | 130.4 | 131.1 | 131.8 | 131.8 | 131.8 | 131.8 | 131.8 | 131.7 |
| 102.5° | 158.7 | 159.9 | 160.6 | 161.5 | 162.2 | 163.1 | 163.2 | 163.4 | 163.5 | 163.7 | 163.7 |
| 105° | 207.8 | 208.3 | 208.8 | 209.2 | 209.6 | 210.0 | 210.5 | 210.8 | 211.3 | 211.7 | 212.0 |
| 107.5° | 261.3 | 261.7 | 261.7 | 261.7 | 261.7 | 261.7 | 261.9 | 262.1 | 262.3 | 262.4 | 262.0 |
| 110° | 296.2 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.6 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 332.9 | 333.5 | 333.3 | 333.1 | 333.0 | 332.8 | 332.2 | 331.8 | 331.3 | 330.7 | 330.3 |
| 115° | 386.9 | 387.4 | 386.9 | 386.5 | 386.1 | 385.7 | 385.5 | 385.2 | 385.0 | 384.8 | 384.4 |
| 117.5° | 442.5 | 442.7 | 441.6 | 440.4 | 439.2 | 438.0 | 437.5 | 437.0 | 436.5 | 435.9 | 435.4 |
| 120° | 478.4 | 478.4 | 476.7 | 475.0 | 473.3 | 471.6 | 471.6 | 471.6 | 471.6 | 471.6 | 471.3 |
| 122.5° | 512.6 | 513.0 | 511.8 | 510.7 | 509.4 | 508.2 | 507.7 | 507.3 | 506.7 | 506.2 | 505.8 |
| 125° | 563.3 | 563.9 | 563.3 | 562.6 | 561.9 | 561.4 | 560.7 | 560.1 | 559.4 | 558.8 | 558.4 |
| 127.5° | 615.1 | 616.0 | 615.2 | 614.4 | 613.7 | 612.9 | 612.1 | 611.3 | 610.6 | 609.8 | 609.1 |
| 130° | 647.8 | 648.9 | 648.6 | 648.1 | 647.7 | 647.2 | 646.9 | 646.4 | 646.0 | 645.5 | 644.9 |
| 132.5° | 680.9 | 682.0 | 682.1 | 682.2 | 682.3 | 682.4 | 681.5 | 680.5 | 679.6 | 678.6 | 677.9 |
| 135° | 728.2 | 729.5 | 730.0 | 730.4 | 730.8 | 731.2 | 731.0 | 730.8 | 730.7 | 730.4 | 730.0 |
| 137.5° | 775.9 | 777.2 | 777.7 | 778.3 | 778.8 | 779.4 | 779.2 | 779.0 | 778.9 | 778.7 | 778.2 |
| 140° | 805.7 | 807.2 | 808.3 | 809.4 | 810.4 | 811.4 | 811.4 | 811.4 | 811.4 | 811.4 | 811.1 |
| 142.5° | 836.3 | 837.6 | 838.3 | 839.1 | 839.8 | 840.5 | 840.7 | 840.8 | 841.0 | 841.1 | 840.8 |
| 145° | 878.5 | 879.9 | 881.2 | 882.4 | 883.7 | 885.0 | 885.1 | 885.4 | 885.6 | 885.8 | 885.5 |
| 147.5° | 918.8 | 920.1 | 921.0 | 921.8 | 922.7 | 923.5 | 924.0 | 924.4 | 924.9 | 925.4 | 925.2 |
| 150° | 943.5 | 944.6 | 945.5 | 946.3 | 947.2 | 948.0 | 948.6 | 949.2 | 949.9 | 950.6 | 950.6 |
| 152.5° | 967.2 | 968.4 | 969.4 | 970.3 | 971.4 | 972.4 | 973.2 | 974.0 | 974.9 | 975.6 | 975.6 |
| 155° | 1000.1 | 1000.8 | 1001.5 | 1002.1 | 1002.7 | 1003.3 | 1004.4 | 1005.5 | 1006.5 | 1007.6 | 1007.8 |
| 157.5° | 1029.6 | 1030.1 | 1030.5 | 1030.9 | 1031.2 | 1031.6 | 1033.0 | 1034.5 | 1035.9 | 1037.4 | 1037.6 |
| 160° | 1048.0 | 1048.3 | 1048.6 | 1048.8 | 1049.0 | 1049.1 | 1050.5 | 1051.7 | 1053.0 | 1054.2 | 1054.5 |
| 162.5° | 1063.5 | 1063.6 | 1063.8 | 1064.0 | 1064.2 | 1064.4 | 1065.9 | 1067.3 | 1068.7 | 1070.3 | 1070.4 |
| 165° | 1084.6 | 1084.5 | 1084.5 | 1084.5 | 1084.5 | 1084.5 | 1086.0 | 1087.5 | 1088.9 | 1090.4 | 1090.6 |
| 167.5° | 1101.6 | 1101.3 | 1101.3 | 1101.2 | 1101.2 | 1101.1 | 1102.6 | 1104.1 | 1105.6 | 1107.0 | 1107.2 |
| 170° | 1111.5 | 1111.2 | 1110.9 | 1110.7 | 1110.5 | 1110.3 | 1111.7 | 1113.2 | 1114.7 | 1116.3 | 1116.3 |
| 172.5° | 1118.4 | 1117.9 | 1117.8 | 1117.6 | 1117.4 | 1117.1 | 1118.6 | 1120.1 | 1121.6 | 1123.0 | 1123.2 |
| 175° | 1126.8 | 1126.2 | 1125.9 | 1125.4 | 1125.0 | 1124.5 | 1126.1 | 1127.6 | 1129.1 | 1130.5 | 1130.7 |
| 177.5° | 1130.8 | 1130.3 | 1130.0 | 1129.6 | 1129.4 | 1129.0 | 1130.0 | 1131.1 | 1132.0 | 1133.0 | 1133.0 |
| 180° | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5° | 1802.6 | 1801.5 | 1801.5 | 1796.3 | 1801.5 | 1801.5 | 1802.6 | 1808.4 | 1810.2 | 1811.3 | 1809.0 |
| 5° | 1672.2 | 1670.0 | 1666.4 | 1670.0 | 1666.4 | 1670.0 | 1672.2 | 1682.2 | 1687.3 | 1692.4 | 1696.8 |
| 7.5° | 1543.1 | 1534.5 | 1533.2 | 1524.7 | 1533.2 | 1534.5 | 1543.1 | 1547.9 | 1558.0 | 1569.4 | 1579.9 |
| 10° | 1449.0 | 1443.2 | 1442.5 | 1428.7 | 1442.5 | 1443.2 | 1449.0 | 1461.2 | 1471.4 | 1485.1 | 1499.5 |
| 12.5° | 1377.3 | 1363.5 | 1366.2 | 1358.2 | 1366.2 | 1363.5 | 1377.3 | 1377.4 | 1389.3 | 1397.8 | 1420.4 |
| 15° | 1253.2 | 1253.2 | 1250.4 | 1238.0 | 1250.4 | 1253.2 | 1253.2 | 1272.7 | 1276.3 | 1290.1 | 1309.6 |
| 17.5° | 1164.1 | 1162.6 | 1155.7 | 1159.1 | 1155.7 | 1162.6 | 1164.1 | 1178.4 | 1180.8 | 1199.2 | 1215.2 |
| 20° | 1110.9 | 1106.6 | 1098.0 | 1098.0 | 1098.0 | 1106.6 | 1110.9 | 1118.9 | 1128.2 | 1139.1 | 1152.8 |
| 22.5° | 1060.6 | 1060.4 | 1051.1 | 1054.0 | 1051.1 | 1060.4 | 1060.6 | 1068.0 | 1076.9 | 1088.8 | 1100.2 |
| 25° | 1001.8 | 996.1 | 991.7 | 993.9 | 991.7 | 996.1 | 1001.8 | 1002.6 | 1012.7 | 1020.7 | 1027.8 |
| 27.5° | 946.1 | 942.9 | 942.6 | 936.7 | 942.6 | 942.9 | 946.1 | 948.0 | 953.8 | 958.4 | 965.2 |
| 30° | 913.7 | 906.5 | 908.0 | 904.4 | 908.0 | 906.5 | 913.7 | 914.5 | 917.4 | 920.2 | 928.2 |
| 32.5° | 876.8 | 874.1 | 872.7 | 869.7 | 872.7 | 874.1 | 876.8 | 878.1 | 883.8 | 886.7 | 893.0 |
| 35° | 826.3 | 827.1 | 823.4 | 824.9 | 823.4 | 827.1 | 826.3 | 827.7 | 828.5 | 831.4 | 837.2 |
| 37.5° | 782.3 | 784.6 | 782.9 | 783.3 | 782.9 | 784.6 | 782.3 | 783.0 | 783.7 | 784.2 | 785.9 |
| 40° | 753.4 | 753.4 | 753.4 | 755.5 | 753.4 | 753.4 | 753.4 | 751.2 | 752.0 | 751.2 | 751.2 |
| 42.5° | 725.7 | 724.5 | 723.3 | 723.2 | 723.3 | 724.5 | 725.7 | 720.6 | 723.0 | 720.6 | 719.4 |
| 45° | 678.3 | 680.4 | 681.2 | 677.5 | 681.2 | 680.4 | 678.3 | 676.8 | 674.7 | 673.9 | 673.2 |
| 47.5° | 635.4 | 635.7 | 635.4 | 638.6 | 635.4 | 635.7 | 635.4 | 633.5 | 630.2 | 628.9 | 625.4 |
| 50° | 605.3 | 603.9 | 605.3 | 603.9 | 605.3 | 603.9 | 605.3 | 601.7 | 599.6 | 595.9 | 593.0 |
| 52.5° | 573.5 | 573.8 | 573.0 | 572.7 | 573.0 | 573.8 | 573.5 | 568.7 | 567.8 | 566.5 | 561.8 |
| 55° | 523.7 | 525.1 | 524.4 | 524.4 | 524.4 | 525.1 | 523.7 | 520.8 | 520.1 | 515.8 | 511.4 |
| 57.5° | 472.1 | 473.4 | 474.4 | 471.3 | 474.4 | 473.4 | 472.1 | 471.6 | 471.3 | 466.7 | 462.0 |
| 60° | 436.3 | 439.9 | 439.1 | 437.7 | 439.1 | 439.9 | 436.3 | 437.0 | 434.8 | 432.0 | 429.0 |
| 62.5° | 403.3 | 404.6 | 404.5 | 404.3 | 404.5 | 404.6 | 403.3 | 400.0 | 399.0 | 396.2 | 393.2 |
| 65° | 352.5 | 353.9 | 351.8 | 353.9 | 351.8 | 353.9 | 352.5 | 350.3 | 345.3 | 343.8 | 340.9 |
| 67.5° | 297.7 | 298.2 | 299.7 | 300.8 | 299.7 | 298.2 | 297.7 | 298.6 | 295.3 | 292.6 | 292.0 |
| 70° | 263.6 | 263.0 | 265.1 | 267.3 | 265.1 | 263.0 | 263.6 | 262.2 | 260.0 | 257.9 | 255.0 |
| 72.5° | 227.8 | 229.4 | 228.7 | 230.3 | 228.7 | 229.4 | 227.8 | 228.1 | 225.9 | 223.2 | 220.3 |
| 75° | 175.5 | 177.7 | 177.0 | 179.2 | 177.0 | 177.7 | 175.5 | 177.0 | 175.5 | 172.7 | 169.8 |
| 77.5° | 126.9 | 127.1 | 126.9 | 128.0 | 126.9 | 127.1 | 126.9 | 128.0 | 126.4 | 127.4 | 124.1 |
| 80° | 96.8 | 95.4 | 93.9 | 96.8 | 93.9 | 95.4 | 96.8 | 96.8 | 94.6 | 96.8 | 94.6 |
| 82.5° | 67.3 | 68.1 | 66.7 | 66.7 | 66.7 | 68.1 | 67.3 | 69.1 | 68.1 | 69.1 | 66.9 |
| 85° | 31.1 | 30.3 | 28.9 | 28.9 | 28.9 | 30.3 | 31.1 | 31.1 | 33.3 | 31.8 | 31.8 |
| 87.5° | 12.2 | 11.6 | 11.7 | 11.1 | 11.7 | 11.6 | 12.2 | 12.1 | 12.2 | 13.4 | 13.5 |
| 90° | 31.9 | 32.0 | 32.2 | 32.4 | 32.2 | 32.0 | 31.9 | 31.6 | 31.7 | 32.1 | 32.5 |
| 92.5° | 30.8 | 30.8 | 30.9 | 30.9 | 30.9 | 30.8 | 30.8 | 30.7 | 30.7 | 30.6 | 30.5 |
| 95° | 60.4 | 60.0 | 59.6 | 59.2 | 59.6 | 60.0 | 60.4 | 60.9 | 61.1 | 61.1 | 61.1 |
| 97.5° | 102.6 | 102.6 | 102.5 | 102.5 | 102.5 | 102.6 | 102.6 | 102.7 | 102.7 | 102.7 | 102.7 |
| 100° | 131.4 | 131.2 | 131.0 | 130.8 | 131.0 | 131.2 | 131.4 | 131.7 | 131.8 | 131.8 | 131.8 |
| 102.5° | 163.5 | 163.2 | 163.1 | 162.9 | 163.1 | 163.2 | 163.5 | 163.7 | 163.7 | 163.5 | 163.4 |
| 105° | 212.0 | 212.0 | 212.0 | 212.0 | 212.0 | 212.0 | 212.0 | 212.0 | 211.7 | 211.3 | 210.8 |
| 107.5° | 261.1 | 260.0 | 259.1 | 258.2 | 259.1 | 260.0 | 261.1 | 262.0 | 262.4 | 262.3 | 262.1 |
| 110° | 296.0 | 295.3 | 294.6 | 294.1 | 294.6 | 295.3 | 296.0 | 296.6 | 296.9 | 296.9 | 296.9 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 329.8 | 329.3 | 328.9 | 328.4 | 328.9 | 329.3 | 329.8 | 330.3 | 330.7 | 331.3 | 331.8 |
| 115° | 383.8 | 383.1 | 382.5 | 381.8 | 382.5 | 383.1 | 383.8 | 384.4 | 384.8 | 385.0 | 385.2 |
| 117.5° | 434.8 | 434.1 | 433.5 | 432.8 | 433.5 | 434.1 | 434.8 | 435.4 | 435.9 | 436.5 | 437.0 |
| 120° | 470.6 | 470.0 | 469.4 | 468.7 | 469.4 | 470.0 | 470.6 | 471.3 | 471.6 | 471.6 | 471.6 |
| 122.5° | 505.3 | 504.8 | 504.4 | 503.9 | 504.4 | 504.8 | 505.3 | 505.8 | 506.2 | 506.7 | 507.3 |
| 125° | 558.2 | 558.0 | 557.7 | 557.5 | 557.7 | 558.0 | 558.2 | 558.4 | 558.8 | 559.4 | 560.1 |
| 127.5° | 608.4 | 607.8 | 607.1 | 606.4 | 607.1 | 607.8 | 608.4 | 609.1 | 609.8 | 610.6 | 611.3 |
| 130° | 644.0 | 643.2 | 642.3 | 641.5 | 642.3 | 643.2 | 644.0 | 644.9 | 645.5 | 646.0 | 646.4 |
| 132.5° | 677.2 | 676.5 | 675.8 | 675.1 | 675.8 | 676.5 | 677.2 | 677.9 | 678.6 | 679.6 | 680.5 |
| 135° | 729.3 | 728.7 | 728.1 | 727.5 | 728.1 | 728.7 | 729.3 | 730.0 | 730.4 | 730.7 | 730.8 |
| 137.5° | 777.3 | 776.5 | 775.6 | 774.8 | 775.6 | 776.5 | 777.3 | 778.2 | 778.7 | 778.9 | 779.0 |
| 140° | 810.2 | 809.4 | 808.5 | 807.7 | 808.5 | 809.4 | 810.2 | 811.1 | 811.4 | 811.4 | 811.4 |
| 142.5° | 840.0 | 839.1 | 838.3 | 837.4 | 838.3 | 839.1 | 840.0 | 840.8 | 841.1 | 841.0 | 840.8 |
| 145° | 884.7 | 883.8 | 883.0 | 882.1 | 883.0 | 883.8 | 884.7 | 885.5 | 885.8 | 885.6 | 885.4 |
| 147.5° | 924.4 | 923.6 | 922.8 | 922.0 | 922.8 | 923.6 | 924.4 | 925.2 | 925.4 | 924.9 | 924.4 |
| 150° | 949.9 | 949.2 | 948.6 | 948.0 | 948.6 | 949.2 | 949.9 | 950.6 | 950.6 | 949.9 | 949.2 |
| 152.5° | 974.9 | 974.0 | 973.2 | 972.4 | 973.2 | 974.0 | 974.9 | 975.6 | 975.6 | 974.9 | 974.0 |
| 155° | 1007.2 | 1006.5 | 1005.9 | 1005.2 | 1005.9 | 1006.5 | 1007.2 | 1007.8 | 1007.6 | 1006.5 | 1005.5 |
| 157.5° | 1036.6 | 1035.6 | 1034.5 | 1033.5 | 1034.5 | 1035.6 | 1036.6 | 1037.6 | 1037.4 | 1035.9 | 1034.5 |
| 160° | 1053.7 | 1052.8 | 1052.0 | 1051.1 | 1052.0 | 1052.8 | 1053.7 | 1054.5 | 1054.2 | 1053.0 | 1051.7 |
| 162.5° | 1069.4 | 1068.4 | 1067.3 | 1066.4 | 1067.3 | 1068.4 | 1069.4 | 1070.4 | 1070.3 | 1068.7 | 1067.3 |
| 165° | 1089.6 | 1088.5 | 1087.5 | 1086.4 | 1087.5 | 1088.5 | 1089.6 | 1090.6 | 1090.4 | 1088.9 | 1087.5 |
| 167.5° | 1106.2 | 1105.0 | 1103.9 | 1102.9 | 1103.9 | 1105.0 | 1106.2 | 1107.2 | 1107.0 | 1105.6 | 1104.1 |
| 170° | 1115.0 | 1113.8 | 1112.5 | 1111.3 | 1112.5 | 1113.8 | 1115.0 | 1116.3 | 1116.3 | 1114.7 | 1113.2 |
| 172.5° | 1121.9 | 1120.7 | 1119.4 | 1118.1 | 1119.4 | 1120.7 | 1121.9 | 1123.2 | 1123.0 | 1121.6 | 1120.1 |
| 175° | 1129.4 | 1128.1 | 1126.8 | 1125.6 | 1126.8 | 1128.1 | 1129.4 | 1130.7 | 1130.5 | 1129.1 | 1127.6 |
| 177.5° | 1132.0 | 1131.1 | 1130.0 | 1129.0 | 1130.0 | 1131.1 | 1132.0 | 1133.0 | 1133.0 | 1132.0 | 1131.1 |
| 180° | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5° | 1806.1 | 1812.4 | 1822.3 | 1832.7 | 1839.0 | 1851.2 | 1854.6 | 1860.4 | 1865.6 | 1877.7 | 1890.5 |
| 5° | 1701.8 | 1711.9 | 1735.7 | 1748.7 | 1766.8 | 1787.7 | 1801.5 | 1815.9 | 1831.8 | 1859.3 | 1884.5 |
| 7.5° | 1590.0 | 1606.8 | 1636.4 | 1660.8 | 1686.5 | 1716.6 | 1738.1 | 1766.8 | 1790.5 | 1829.2 | 1866.1 |
| 10° | 1515.4 | 1539.3 | 1566.0 | 1594.9 | 1631.0 | 1662.7 | 1693.1 | 1729.2 | 1758.1 | 1804.3 | 1847.7 |
| 12.5° | 1448.4 | 1452.0 | 1490.3 | 1522.1 | 1571.5 | 1610.8 | 1645.8 | 1692.2 | 1720.5 | 1775.5 | 1821.1 |
| 15° | 1331.2 | 1352.9 | 1387.6 | 1412.9 | 1471.4 | 1521.2 | 1570.3 | 1618.7 | 1651.2 | 1719.1 | 1779.0 |
| 17.5° | 1232.6 | 1252.5 | 1288.1 | 1329.5 | 1371.5 | 1421.1 | 1484.7 | 1535.7 | 1579.9 | 1657.5 | 1728.3 |
| 20° | 1170.2 | 1194.7 | 1230.9 | 1273.5 | 1310.3 | 1364.4 | 1419.4 | 1477.9 | 1525.5 | 1613.0 | 1696.0 |
| 22.5° | 1117.0 | 1136.3 | 1165.5 | 1207.6 | 1247.8 | 1297.4 | 1357.5 | 1421.3 | 1471.2 | 1565.6 | 1649.7 |
| 25° | 1042.3 | 1058.2 | 1076.9 | 1111.6 | 1157.2 | 1211.4 | 1258.3 | 1328.3 | 1401.3 | 1489.4 | 1591.3 |
| 27.5° | 975.0 | 986.3 | 1002.9 | 1033.3 | 1068.6 | 1119.3 | 1171.5 | 1237.9 | 1311.3 | 1406.9 | 1514.4 |
| 30° | 934.0 | 941.2 | 957.8 | 983.1 | 1017.8 | 1057.4 | 1110.2 | 1173.7 | 1248.9 | 1345.7 | 1452.6 |
| 32.5° | 898.1 | 904.7 | 915.6 | 939.7 | 969.8 | 1003.7 | 1051.2 | 1114.8 | 1186.5 | 1281.6 | 1400.0 |
| 35° | 844.4 | 849.4 | 858.8 | 878.4 | 894.9 | 928.2 | 967.9 | 1025.7 | 1092.9 | 1183.9 | 1306.6 |
| 37.5° | 790.8 | 797.8 | 803.5 | 811.7 | 833.1 | 855.0 | 889.5 | 938.3 | 1004.2 | 1096.1 | 1213.1 |
| 40° | 755.5 | 761.3 | 770.0 | 773.6 | 791.0 | 810.4 | 838.6 | 883.4 | 949.9 | 1033.6 | 1147.7 |
| 42.5° | 719.7 | 725.5 | 730.7 | 734.9 | 749.9 | 767.1 | 792.4 | 830.9 | 889.8 | 971.2 | 1084.2 |
| 45° | 671.0 | 671.8 | 676.8 | 684.8 | 692.0 | 704.3 | 722.4 | 755.5 | 801.1 | 877.6 | 980.1 |
| 47.5° | 621.6 | 622.5 | 623.4 | 626.8 | 634.8 | 645.9 | 657.9 | 684.9 | 725.7 | 786.7 | 886.6 |
| 50° | 588.7 | 587.2 | 588.7 | 591.5 | 596.6 | 606.1 | 619.7 | 639.2 | 672.5 | 729.5 | 821.2 |
| 52.5° | 556.9 | 556.7 | 555.7 | 556.9 | 560.8 | 567.3 | 577.0 | 593.6 | 623.4 | 675.8 | 756.6 |
| 55° | 508.5 | 504.9 | 505.6 | 502.8 | 509.3 | 510.7 | 517.9 | 531.6 | 557.6 | 593.7 | 669.6 |
| 57.5° | 456.9 | 453.9 | 450.7 | 449.9 | 449.3 | 453.2 | 458.9 | 469.8 | 489.7 | 521.4 | 582.9 |
| 60° | 424.0 | 420.4 | 416.0 | 414.6 | 414.6 | 416.8 | 419.7 | 427.6 | 446.4 | 474.6 | 525.1 |
| 62.5° | 390.5 | 386.3 | 383.7 | 379.9 | 378.8 | 381.0 | 383.8 | 389.5 | 403.0 | 429.5 | 473.2 |
| 65° | 338.7 | 333.8 | 330.1 | 329.4 | 327.9 | 325.7 | 327.3 | 333.0 | 343.8 | 364.8 | 399.4 |
| 67.5° | 286.9 | 282.1 | 281.3 | 277.1 | 275.0 | 275.3 | 275.0 | 279.9 | 286.4 | 304.5 | 330.4 |
| 70° | 252.8 | 249.2 | 247.8 | 244.1 | 242.7 | 241.3 | 239.8 | 244.1 | 250.6 | 265.8 | 288.2 |
| 72.5° | 218.1 | 215.1 | 211.9 | 208.9 | 209.2 | 207.7 | 207.5 | 210.1 | 215.4 | 229.4 | 246.6 |
| 75° | 168.3 | 169.0 | 165.4 | 161.8 | 161.1 | 159.7 | 159.7 | 161.8 | 164.0 | 174.8 | 188.5 |
| 77.5° | 122.1 | 121.5 | 118.5 | 117.3 | 116.6 | 115.0 | 116.6 | 118.0 | 119.1 | 126.4 | 136.5 |
| 80° | 93.2 | 93.2 | 89.5 | 89.5 | 88.9 | 86.7 | 88.9 | 87.4 | 90.3 | 97.6 | 104.7 |
| 82.5° | 66.6 | 65.4 | 65.3 | 64.2 | 64.0 | 62.4 | 63.4 | 64.8 | 66.0 | 71.0 | 75.3 |
| 85° | 32.5 | 32.5 | 31.8 | 31.1 | 31.8 | 31.1 | 31.8 | 32.5 | 33.3 | 35.4 | 39.0 |
| 87.5° | 13.6 | 14.2 | 13.9 | 13.5 | 12.5 | 12.2 | 12.1 | 12.2 | 12.7 | 12.8 | 12.9 |
| 90° | 33.0 | 33.4 | 28.7 | 24.0 | 19.4 | 14.7 | 11.1 | 8.6 | 6.0 | 3.5 | 0.9 |
| 92.5° | 30.4 | 30.3 | 29.2 | 28.2 | 27.1 | 25.9 | 24.5 | 22.6 | 20.7 | 18.9 | 17.0 |
| 95° | 61.1 | 61.1 | 60.7 | 60.2 | 59.9 | 59.4 | 58.2 | 56.0 | 53.9 | 51.7 | 49.7 |
| 97.5° | 102.7 | 102.7 | 101.9 | 101.1 | 100.3 | 99.5 | 98.1 | 96.3 | 94.4 | 92.6 | 90.7 |
| 100° | 131.8 | 131.8 | 131.1 | 130.4 | 129.8 | 129.2 | 128.0 | 126.3 | 124.6 | 122.9 | 121.2 |
| 102.5° | 163.2 | 163.1 | 162.2 | 161.5 | 160.6 | 159.9 | 158.7 | 157.4 | 156.0 | 154.7 | 153.4 |
| 105° | 210.5 | 210.0 | 209.6 | 209.2 | 208.8 | 208.3 | 207.8 | 207.2 | 206.5 | 205.9 | 205.3 |
| 107.5° | 261.9 | 261.7 | 261.7 | 261.7 | 261.7 | 261.7 | 261.3 | 260.3 | 259.4 | 258.5 | 257.6 |
| 110° | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.2 | 295.0 | 293.7 | 292.5 | 291.2 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 332.2 | 332.8 | 333.0 | 333.1 | 333.3 | 333.5 | 332.9 | 331.7 | 330.4 | 329.1 | 327.8 |
| 115° | 385.5 | 385.7 | 386.1 | 386.5 | 386.9 | 387.4 | 386.9 | 385.7 | 384.4 | 383.1 | 381.8 |
| 117.5° | 437.5 | 438.0 | 439.2 | 440.4 | 441.6 | 442.7 | 442.5 | 440.8 | 439.1 | 437.4 | 435.7 |
| 120° | 471.6 | 471.6 | 473.3 | 475.0 | 476.7 | 478.4 | 478.4 | 476.7 | 475.0 | 473.3 | 471.6 |
| 122.5° | 507.7 | 508.2 | 509.4 | 510.7 | 511.8 | 513.0 | 512.6 | 510.6 | 508.5 | 506.5 | 504.4 |
| 125° | 560.7 | 561.4 | 561.9 | 562.6 | 563.3 | 563.9 | 563.3 | 561.4 | 559.4 | 557.5 | 555.6 |
| 127.5° | 612.1 | 612.9 | 613.7 | 614.4 | 615.2 | 616.0 | 615.1 | 612.7 | 610.3 | 607.8 | 605.5 |
| 130° | 646.9 | 647.2 | 647.7 | 648.1 | 648.6 | 648.9 | 647.8 | 645.1 | 642.2 | 639.5 | 636.8 |
| 132.5° | 681.5 | 682.4 | 682.3 | 682.2 | 682.1 | 682.0 | 680.9 | 678.6 | 676.4 | 674.1 | 671.8 |
| 135° | 731.0 | 731.2 | 730.8 | 730.4 | 730.0 | 729.5 | 728.2 | 725.9 | 723.5 | 721.2 | 718.9 |
| 137.5° | 779.2 | 779.4 | 778.8 | 778.3 | 777.7 | 777.2 | 775.9 | 774.0 | 772.1 | 770.2 | 768.3 |
| 140° | 811.4 | 811.4 | 810.4 | 809.4 | 808.3 | 807.2 | 805.7 | 803.8 | 801.9 | 800.0 | 798.1 |
| 142.5° | 840.7 | 840.5 | 839.8 | 839.1 | 838.3 | 837.6 | 836.3 | 834.3 | 832.5 | 830.6 | 828.7 |
| 145° | 885.1 | 885.0 | 883.7 | 882.4 | 881.2 | 879.9 | 878.5 | 877.0 | 875.5 | 874.0 | 872.5 |
| 147.5° | 924.0 | 923.5 | 922.7 | 921.8 | 921.0 | 920.1 | 918.8 | 917.0 | 915.3 | 913.5 | 911.7 |
| 150° | 948.6 | 948.0 | 947.2 | 946.3 | 945.5 | 944.6 | 943.5 | 942.3 | 940.9 | 939.7 | 938.4 |
| 152.5° | 973.2 | 972.4 | 971.4 | 970.3 | 969.4 | 968.4 | 967.2 | 965.9 | 964.7 | 963.4 | 962.1 |
| 155° | 1004.4 | 1003.3 | 1002.7 | 1002.1 | 1001.5 | 1000.8 | 1000.1 | 999.6 | 998.9 | 998.2 | 997.6 |
| 157.5° | 1033.0 | 1031.6 | 1031.2 | 1030.9 | 1030.5 | 1030.1 | 1029.6 | 1029.3 | 1028.8 | 1028.4 | 1027.9 |
| 160° | 1050.5 | 1049.1 | 1049.0 | 1048.8 | 1048.6 | 1048.3 | 1048.0 | 1047.5 | 1047.2 | 1046.7 | 1046.3 |
| 162.5° | 1065.9 | 1064.4 | 1064.2 | 1064.0 | 1063.8 | 1063.6 | 1063.5 | 1063.4 | 1063.3 | 1063.2 | 1063.1 |
| 165° | 1086.0 | 1084.5 | 1084.5 | 1084.5 | 1084.5 | 1084.5 | 1084.6 | 1084.8 | 1085.1 | 1085.2 | 1085.4 |
| 167.5° | 1102.6 | 1101.1 | 1101.2 | 1101.2 | 1101.3 | 1101.3 | 1101.6 | 1102.2 | 1102.9 | 1103.5 | 1104.2 |
| 170° | 1111.7 | 1110.3 | 1110.5 | 1110.7 | 1110.9 | 1111.2 | 1111.5 | 1112.2 | 1112.9 | 1113.4 | 1114.1 |
| 172.5° | 1118.6 | 1117.1 | 1117.4 | 1117.6 | 1117.8 | 1117.9 | 1118.4 | 1119.1 | 1119.6 | 1120.3 | 1121.0 |
| 175° | 1126.1 | 1124.5 | 1125.0 | 1125.4 | 1125.9 | 1126.2 | 1126.8 | 1127.5 | 1128.1 | 1128.7 | 1129.4 |
| 177.5° | 1130.0 | 1129.0 | 1129.4 | 1129.6 | 1130.0 | 1130.3 | 1130.8 | 1131.2 | 1131.8 | 1132.3 | 1132.8 |
| 180° | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5° | 1889.3 | 1892.2 | 1901.4 | 1910.7 | 1921.1 | 1924.0 | 1928.6 | 1924.6 | 1923.4 | 1934.4 | 1942.5 |
| 5° | 1894.6 | 1907.6 | 1933.0 | 1956.1 | 1975.6 | 1989.2 | 2003.8 | 2009.5 | 2020.3 | 2035.5 | 2054.3 |
| 7.5° | 1888.6 | 1913.8 | 1953.6 | 1987.3 | 2023.9 | 2050.4 | 2071.0 | 2088.7 | 2110.1 | 2138.8 | 2170.1 |
| 10° | 1881.6 | 1915.6 | 1964.0 | 2005.2 | 2049.9 | 2083.9 | 2112.0 | 2139.5 | 2171.3 | 2211.0 | 2252.2 |
| 12.5° | 1869.0 | 1909.2 | 1969.7 | 2018.5 | 2075.9 | 2109.3 | 2147.3 | 2206.6 | 2240.6 | 2295.9 | 2353.9 |
| 15° | 1843.3 | 1888.1 | 1972.6 | 2032.6 | 2097.6 | 2161.2 | 2231.3 | 2287.6 | 2343.9 | 2376.4 | 2458.1 |
| 17.5° | 1805.3 | 1871.1 | 1964.7 | 2034.7 | 2117.2 | 2217.3 | 2296.1 | 2359.9 | 2425.0 | 2477.7 | 2518.6 |
| 20° | 1774.7 | 1846.3 | 1953.1 | 2036.9 | 2135.1 | 2242.8 | 2333.1 | 2398.1 | 2454.5 | 2498.5 | 2523.8 |
| 22.5° | 1736.0 | 1826.0 | 1930.0 | 2028.3 | 2153.7 | 2260.1 | 2355.0 | 2406.2 | 2453.2 | 2474.8 | 2484.4 |
| 25° | 1675.1 | 1783.4 | 1901.1 | 2021.1 | 2162.7 | 2275.3 | 2362.0 | 2393.0 | 2406.8 | 2385.9 | 2351.2 |
| 27.5° | 1609.3 | 1730.1 | 1867.7 | 2007.4 | 2157.1 | 2265.5 | 2327.6 | 2322.7 | 2299.4 | 2231.7 | 2177.5 |
| 30° | 1560.2 | 1693.1 | 1841.2 | 1993.6 | 2143.8 | 2249.3 | 2285.4 | 2249.3 | 2196.6 | 2120.7 | 2043.4 |
| 32.5° | 1508.8 | 1646.3 | 1812.9 | 1974.0 | 2119.6 | 2212.3 | 2220.2 | 2158.0 | 2076.4 | 1990.2 | 1893.8 |
| 35° | 1430.9 | 1579.7 | 1759.5 | 1930.0 | 2068.0 | 2126.5 | 2091.9 | 1982.1 | 1885.3 | 1767.6 | 1636.1 |
| 37.5° | 1342.9 | 1507.2 | 1687.6 | 1865.8 | 1990.7 | 2006.0 | 1920.0 | 1804.3 | 1667.8 | 1529.5 | 1374.7 |
| 40° | 1277.1 | 1451.1 | 1636.8 | 1816.7 | 1927.1 | 1911.3 | 1801.5 | 1674.3 | 1511.8 | 1342.7 | 1199.0 |
| 42.5° | 1218.1 | 1392.2 | 1581.3 | 1757.7 | 1846.3 | 1802.6 | 1674.3 | 1518.3 | 1343.7 | 1184.5 | 1052.8 |
| 45° | 1116.0 | 1295.1 | 1488.7 | 1659.2 | 1709.8 | 1631.0 | 1461.2 | 1287.9 | 1116.0 | 983.1 | 879.1 |
| 47.5° | 1016.9 | 1194.0 | 1385.7 | 1535.5 | 1553.4 | 1447.6 | 1262.1 | 1083.6 | 935.9 | 827.6 | 754.2 |
| 50° | 944.1 | 1121.7 | 1311.7 | 1445.4 | 1439.5 | 1311.7 | 1121.1 | 951.3 | 827.7 | 740.4 | 691.3 |
| 52.5° | 878.7 | 1046.6 | 1229.1 | 1350.6 | 1319.9 | 1180.5 | 998.5 | 847.8 | 746.3 | 678.0 | 633.5 |
| 55° | 777.2 | 932.6 | 1105.9 | 1203.3 | 1147.1 | 992.5 | 838.6 | 717.3 | 642.2 | 590.9 | 556.2 |
| 57.5° | 676.4 | 822.0 | 970.3 | 1030.5 | 968.2 | 825.5 | 697.2 | 609.2 | 552.7 | 514.7 | 492.2 |
| 60° | 614.0 | 741.1 | 873.3 | 925.3 | 850.9 | 723.8 | 622.6 | 543.9 | 498.4 | 467.3 | 447.1 |
| 62.5° | 551.6 | 665.4 | 790.0 | 818.4 | 750.4 | 642.9 | 553.3 | 487.9 | 450.4 | 422.8 | 403.8 |
| 65° | 466.7 | 559.8 | 654.4 | 673.2 | 610.4 | 527.3 | 456.5 | 413.9 | 380.7 | 360.4 | 345.3 |
| 67.5° | 382.7 | 457.5 | 524.5 | 539.7 | 484.7 | 427.1 | 375.9 | 338.7 | 316.2 | 299.4 | 286.6 |
| 70° | 333.0 | 392.2 | 447.1 | 459.4 | 415.4 | 364.0 | 325.1 | 295.4 | 275.2 | 260.8 | 248.5 |
| 72.5° | 280.4 | 329.8 | 375.4 | 383.7 | 347.7 | 308.6 | 276.5 | 253.3 | 235.4 | 226.1 | 214.4 |
| 75° | 214.5 | 243.5 | 278.8 | 281.0 | 257.1 | 233.3 | 208.8 | 193.6 | 184.2 | 172.7 | 166.8 |
| 77.5° | 151.4 | 174.1 | 194.3 | 198.2 | 184.1 | 167.9 | 154.1 | 142.1 | 134.2 | 128.8 | 123.5 |
| 80° | 115.6 | 133.7 | 142.3 | 147.3 | 137.2 | 125.6 | 117.7 | 109.8 | 104.7 | 101.1 | 97.6 |
| 82.5° | 82.7 | 93.8 | 101.9 | 105.8 | 100.3 | 93.3 | 85.4 | 80.9 | 77.0 | 74.0 | 72.7 |
| 85° | 41.8 | 46.9 | 52.0 | 53.4 | 52.0 | 49.1 | 44.8 | 44.8 | 42.6 | 41.8 | 41.8 |
| 87.5° | 15.2 | 18.0 | 18.5 | 20.7 | 20.3 | 21.2 | 22.1 | 22.5 | 22.9 | 22.2 | 21.6 |
| 90° | 3.5 | 6.0 | 8.6 | 11.1 | 14.7 | 19.4 | 24.0 | 28.7 | 33.4 | 33.0 | 32.5 |
| 92.5° | 18.9 | 20.7 | 22.6 | 24.5 | 25.9 | 27.1 | 28.2 | 29.2 | 30.3 | 30.4 | 30.5 |
| 95° | 51.7 | 53.9 | 56.0 | 58.2 | 59.4 | 59.9 | 60.2 | 60.7 | 61.1 | 61.1 | 61.1 |
| 97.5° | 92.6 | 94.4 | 96.3 | 98.1 | 99.5 | 100.3 | 101.1 | 101.9 | 102.7 | 102.7 | 102.7 |
| 100° | 122.9 | 124.6 | 126.3 | 128.0 | 129.2 | 129.8 | 130.4 | 131.1 | 131.8 | 131.8 | 131.8 |
| 102.5° | 154.7 | 156.0 | 157.4 | 158.7 | 159.9 | 160.6 | 161.5 | 162.2 | 163.1 | 163.2 | 163.4 |
| 105° | 205.9 | 206.5 | 207.2 | 207.8 | 208.3 | 208.8 | 209.2 | 209.6 | 210.0 | 210.5 | 210.8 |
| 107.5° | 258.5 | 259.4 | 260.3 | 261.3 | 261.7 | 261.7 | 261.7 | 261.7 | 261.7 | 261.9 | 262.1 |
| 110° | 292.5 | 293.7 | 295.0 | 296.2 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 | 296.9 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 329.1 | 330.4 | 331.7 | 332.9 | 333.5 | 333.3 | 333.1 | 333.0 | 332.8 | 332.2 | 331.8 |
| 115° | 383.1 | 384.4 | 385.7 | 386.9 | 387.4 | 386.9 | 386.5 | 386.1 | 385.7 | 385.5 | 385.2 |
| 117.5° | 437.4 | 439.1 | 440.8 | 442.5 | 442.7 | 441.6 | 440.4 | 439.2 | 438.0 | 437.5 | 437.0 |
| 120° | 473.3 | 475.0 | 476.7 | 478.4 | 478.4 | 476.7 | 475.0 | 473.3 | 471.6 | 471.6 | 471.6 |
| 122.5° | 506.5 | 508.5 | 510.6 | 512.6 | 513.0 | 511.8 | 510.7 | 509.4 | 508.2 | 507.7 | 507.3 |
| 125° | 557.5 | 559.4 | 561.4 | 563.3 | 563.9 | 563.3 | 562.6 | 561.9 | 561.4 | 560.7 | 560.1 |
| 127.5° | 607.8 | 610.3 | 612.7 | 615.1 | 616.0 | 615.2 | 614.4 | 613.7 | 612.9 | 612.1 | 611.3 |
| 130° | 639.5 | 642.2 | 645.1 | 647.8 | 648.9 | 648.6 | 648.1 | 647.7 | 647.2 | 646.9 | 646.4 |
| 132.5° | 674.1 | 676.4 | 678.6 | 680.9 | 682.0 | 682.1 | 682.2 | 682.3 | 682.4 | 681.5 | 680.5 |
| 135° | 721.2 | 723.5 | 725.9 | 728.2 | 729.5 | 730.0 | 730.4 | 730.8 | 731.2 | 731.0 | 730.8 |
| 137.5° | 770.2 | 772.1 | 774.0 | 775.9 | 777.2 | 777.7 | 778.3 | 778.8 | 779.4 | 779.2 | 779.0 |
| 140° | 800.0 | 801.9 | 803.8 | 805.7 | 807.2 | 808.3 | 809.4 | 810.4 | 811.4 | 811.4 | 811.4 |
| 142.5° | 830.6 | 832.5 | 834.3 | 836.3 | 837.6 | 838.3 | 839.1 | 839.8 | 840.5 | 840.7 | 840.8 |
| 145° | 874.0 | 875.5 | 877.0 | 878.5 | 879.9 | 881.2 | 882.4 | 883.7 | 885.0 | 885.1 | 885.4 |
| 147.5° | 913.5 | 915.3 | 917.0 | 918.8 | 920.1 | 921.0 | 921.8 | 922.7 | 923.5 | 924.0 | 924.4 |
| 150° | 939.7 | 940.9 | 942.3 | 943.5 | 944.6 | 945.5 | 946.3 | 947.2 | 948.0 | 948.6 | 949.2 |
| 152.5° | 963.4 | 964.7 | 965.9 | 967.2 | 968.4 | 969.4 | 970.3 | 971.4 | 972.4 | 973.2 | 974.0 |
| 155° | 998.2 | 998.9 | 999.6 | 1000.1 | 1000.8 | 1001.5 | 1002.1 | 1002.7 | 1003.3 | 1004.4 | 1005.5 |
| 157.5° | 1028.4 | 1028.8 | 1029.3 | 1029.6 | 1030.1 | 1030.5 | 1030.9 | 1031.2 | 1031.6 | 1033.0 | 1034.5 |
| 160° | 1046.7 | 1047.2 | 1047.5 | 1048.0 | 1048.3 | 1048.6 | 1048.8 | 1049.0 | 1049.1 | 1050.5 | 1051.7 |
| 162.5° | 1063.2 | 1063.3 | 1063.4 | 1063.5 | 1063.6 | 1063.8 | 1064.0 | 1064.2 | 1064.4 | 1065.9 | 1067.3 |
| 165° | 1085.2 | 1085.1 | 1084.8 | 1084.6 | 1084.5 | 1084.5 | 1084.5 | 1084.5 | 1084.5 | 1086.0 | 1087.5 |
| 167.5° | 1103.5 | 1102.9 | 1102.2 | 1101.6 | 1101.3 | 1101.3 | 1101.2 | 1101.2 | 1101.1 | 1102.6 | 1104.1 |
| 170° | 1113.4 | 1112.9 | 1112.2 | 1111.5 | 1111.2 | 1110.9 | 1110.7 | 1110.5 | 1110.3 | 1111.7 | 1113.2 |
| 172.5° | 1120.3 | 1119.6 | 1119.1 | 1118.4 | 1117.9 | 1117.8 | 1117.6 | 1117.4 | 1117.1 | 1118.6 | 1120.1 |
| 175° | 1128.7 | 1128.1 | 1127.5 | 1126.8 | 1126.2 | 1125.9 | 1125.4 | 1125.0 | 1124.5 | 1126.1 | 1127.6 |
| 177.5° | 1132.3 | 1131.8 | 1131.2 | 1130.8 | 1130.3 | 1130.0 | 1129.6 | 1129.4 | 1129.0 | 1130.0 | 1131.1 |
| 180° | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 | 1879.4 |
| 2.5° | 1949.4 | 1957.5 | 1957.5 | 1958.6 | 1967.8 | 1966.7 | 1966.1 |
| 5° | 2074.5 | 2086.8 | 2088.2 | 2101.2 | 2109.9 | 2107.0 | 2099.0 |
| 7.5° | 2192.5 | 2215.4 | 2232.7 | 2242.4 | 2253.8 | 2260.9 | 2257.7 |
| 10° | 2286.1 | 2319.4 | 2339.6 | 2353.3 | 2369.9 | 2382.2 | 2377.8 |
| 12.5° | 2371.1 | 2410.6 | 2438.5 | 2461.9 | 2464.1 | 2479.8 | 2469.2 |
| 15° | 2503.6 | 2545.4 | 2549.8 | 2567.1 | 2580.9 | 2579.4 | 2580.1 |
| 17.5° | 2547.3 | 2560.8 | 2563.5 | 2563.9 | 2564.1 | 2559.0 | 2548.1 |
| 20° | 2531.8 | 2526.7 | 2514.4 | 2505.0 | 2488.4 | 2486.2 | 2471.8 |
| 22.5° | 2457.8 | 2441.8 | 2410.9 | 2390.6 | 2364.7 | 2358.0 | 2353.9 |
| 25° | 2312.2 | 2276.7 | 2227.6 | 2180.7 | 2167.7 | 2142.4 | 2149.7 |
| 27.5° | 2112.3 | 2057.2 | 2004.0 | 1965.9 | 1931.4 | 1893.5 | 1904.3 |
| 30° | 1971.9 | 1909.8 | 1834.7 | 1776.9 | 1740.0 | 1703.9 | 1697.4 |
| 32.5° | 1804.3 | 1713.4 | 1629.6 | 1578.7 | 1522.2 | 1499.4 | 1474.4 |
| 35° | 1515.4 | 1426.5 | 1343.5 | 1272.0 | 1230.9 | 1199.0 | 1170.2 |
| 37.5° | 1255.6 | 1153.3 | 1086.2 | 1028.3 | 998.5 | 980.3 | 985.0 |
| 40° | 1094.3 | 1004.8 | 955.6 | 911.5 | 884.1 | 871.1 | 874.0 |
| 42.5° | 963.7 | 896.6 | 856.2 | 826.0 | 806.7 | 799.5 | 797.8 |
| 45° | 815.5 | 778.0 | 744.7 | 727.4 | 718.0 | 710.0 | 705.0 |
| 47.5° | 714.4 | 683.7 | 665.0 | 654.7 | 646.5 | 638.4 | 638.2 |
| 50° | 653.7 | 633.5 | 620.5 | 609.6 | 603.1 | 597.4 | 602.4 |
| 52.5° | 607.5 | 589.0 | 576.0 | 566.3 | 563.8 | 558.6 | 558.5 |
| 55° | 538.9 | 524.4 | 515.0 | 506.3 | 502.0 | 499.1 | 495.5 |
| 57.5° | 476.5 | 462.7 | 454.0 | 448.6 | 440.4 | 437.4 | 436.3 |
| 60° | 432.0 | 421.1 | 412.5 | 405.2 | 401.6 | 395.9 | 395.9 |
| 62.5° | 390.9 | 380.1 | 372.0 | 366.5 | 360.6 | 358.3 | 358.8 |
| 65° | 331.6 | 322.9 | 314.9 | 309.2 | 307.7 | 303.4 | 304.8 |
| 67.5° | 276.9 | 271.2 | 262.8 | 259.6 | 256.8 | 254.6 | 252.8 |
| 70° | 240.5 | 234.8 | 230.5 | 226.1 | 223.9 | 223.9 | 223.9 |
| 72.5° | 209.9 | 202.9 | 200.4 | 194.9 | 196.1 | 193.9 | 191.5 |
| 75° | 162.5 | 158.2 | 156.0 | 153.8 | 150.2 | 150.2 | 150.2 |
| 77.5° | 119.6 | 118.3 | 115.7 | 113.4 | 112.5 | 111.8 | 112.1 |
| 80° | 92.5 | 91.7 | 90.3 | 90.3 | 88.9 | 88.1 | 86.7 |
| 82.5° | 71.1 | 69.2 | 68.3 | 67.8 | 67.5 | 67.3 | 67.0 |
| 85° | 40.4 | 39.0 | 39.0 | 39.7 | 38.3 | 38.3 | 39.0 |
| 87.5° | 22.1 | 22.0 | 21.3 | 21.4 | 22.1 | 21.5 | 21.5 |
| 90° | 32.1 | 31.7 | 31.6 | 31.9 | 32.0 | 32.2 | 32.4 |
| 92.5° | 30.6 | 30.7 | 30.7 | 30.8 | 30.8 | 30.9 | 30.9 |
| 95° | 61.1 | 61.1 | 60.9 | 60.4 | 60.0 | 59.6 | 59.2 |
| 97.5° | 102.7 | 102.7 | 102.7 | 102.6 | 102.6 | 102.5 | 102.5 |
| 100° | 131.8 | 131.8 | 131.7 | 131.4 | 131.2 | 131.0 | 130.8 |
| 102.5° | 163.5 | 163.7 | 163.7 | 163.5 | 163.2 | 163.1 | 162.9 |
| 105° | 211.3 | 211.7 | 212.0 | 212.0 | 212.0 | 212.0 | 212.0 |
| 107.5° | 262.3 | 262.4 | 262.0 | 261.1 | 260.0 | 259.1 | 258.2 |
| 110° | 296.9 | 296.9 | 296.6 | 296.0 | 295.3 | 294.6 | 294.1 |



TEST NUMBER: P331598-830

CATALOG NUMBER: S122DIW-S1005D970U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 331.3 | 330.7 | 330.3 | 329.8 | 329.3 | 328.9 | 328.4 |
| 115° | 385.0 | 384.8 | 384.4 | 383.8 | 383.1 | 382.5 | 381.8 |
| 117.5° | 436.5 | 435.9 | 435.4 | 434.8 | 434.1 | 433.5 | 432.8 |
| 120° | 471.6 | 471.6 | 471.3 | 470.6 | 470.0 | 469.4 | 468.7 |
| 122.5° | 506.7 | 506.2 | 505.8 | 505.3 | 504.8 | 504.4 | 503.9 |
| 125° | 559.4 | 558.8 | 558.4 | 558.2 | 558.0 | 557.7 | 557.5 |
| 127.5° | 610.6 | 609.8 | 609.1 | 608.4 | 607.8 | 607.1 | 606.4 |
| 130° | 646.0 | 645.5 | 644.9 | 644.0 | 643.2 | 642.3 | 641.5 |
| 132.5° | 679.6 | 678.6 | 677.9 | 677.2 | 676.5 | 675.8 | 675.1 |
| 135° | 730.7 | 730.4 | 730.0 | 729.3 | 728.7 | 728.1 | 727.5 |
| 137.5° | 778.9 | 778.7 | 778.2 | 777.3 | 776.5 | 775.6 | 774.8 |
| 140° | 811.4 | 811.4 | 811.1 | 810.2 | 809.4 | 808.5 | 807.7 |
| 142.5° | 841.0 | 841.1 | 840.8 | 840.0 | 839.1 | 838.3 | 837.4 |
| 145° | 885.6 | 885.8 | 885.5 | 884.7 | 883.8 | 883.0 | 882.1 |
| 147.5° | 924.9 | 925.4 | 925.2 | 924.4 | 923.6 | 922.8 | 922.0 |
| 150° | 949.9 | 950.6 | 950.6 | 949.9 | 949.2 | 948.6 | 948.0 |
| 152.5° | 974.9 | 975.6 | 975.6 | 974.9 | 974.0 | 973.2 | 972.4 |
| 155° | 1006.5 | 1007.6 | 1007.8 | 1007.2 | 1006.5 | 1005.9 | 1005.2 |
| 157.5° | 1035.9 | 1037.4 | 1037.6 | 1036.6 | 1035.6 | 1034.5 | 1033.5 |
| 160° | 1053.0 | 1054.2 | 1054.5 | 1053.7 | 1052.8 | 1052.0 | 1051.1 |
| 162.5° | 1068.7 | 1070.3 | 1070.4 | 1069.4 | 1068.4 | 1067.3 | 1066.4 |
| 165° | 1088.9 | 1090.4 | 1090.6 | 1089.6 | 1088.5 | 1087.5 | 1086.4 |
| 167.5° | 1105.6 | 1107.0 | 1107.2 | 1106.2 | 1105.0 | 1103.9 | 1102.9 |
| 170° | 1114.7 | 1116.3 | 1116.3 | 1115.0 | 1113.8 | 1112.5 | 1111.3 |
| 172.5° | 1121.6 | 1123.0 | 1123.2 | 1121.9 | 1120.7 | 1119.4 | 1118.1 |
| 175° | 1129.1 | 1130.5 | 1130.7 | 1129.4 | 1128.1 | 1126.8 | 1125.6 |
| 177.5° | 1132.0 | 1133.0 | 1133.0 | 1132.0 | 1131.1 | 1130.0 | 1129.0 |
| 180° | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 | 1131.2 |

(END OF REPORT)