

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: P331456-940

Luminaire Tested: **S122DIP-S1005D1080U940-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331456-940
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: S122DIP-S1005D1080U940-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1080 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7765.2 lumens
Efficiency: N/A
Efficacy: 108.3 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

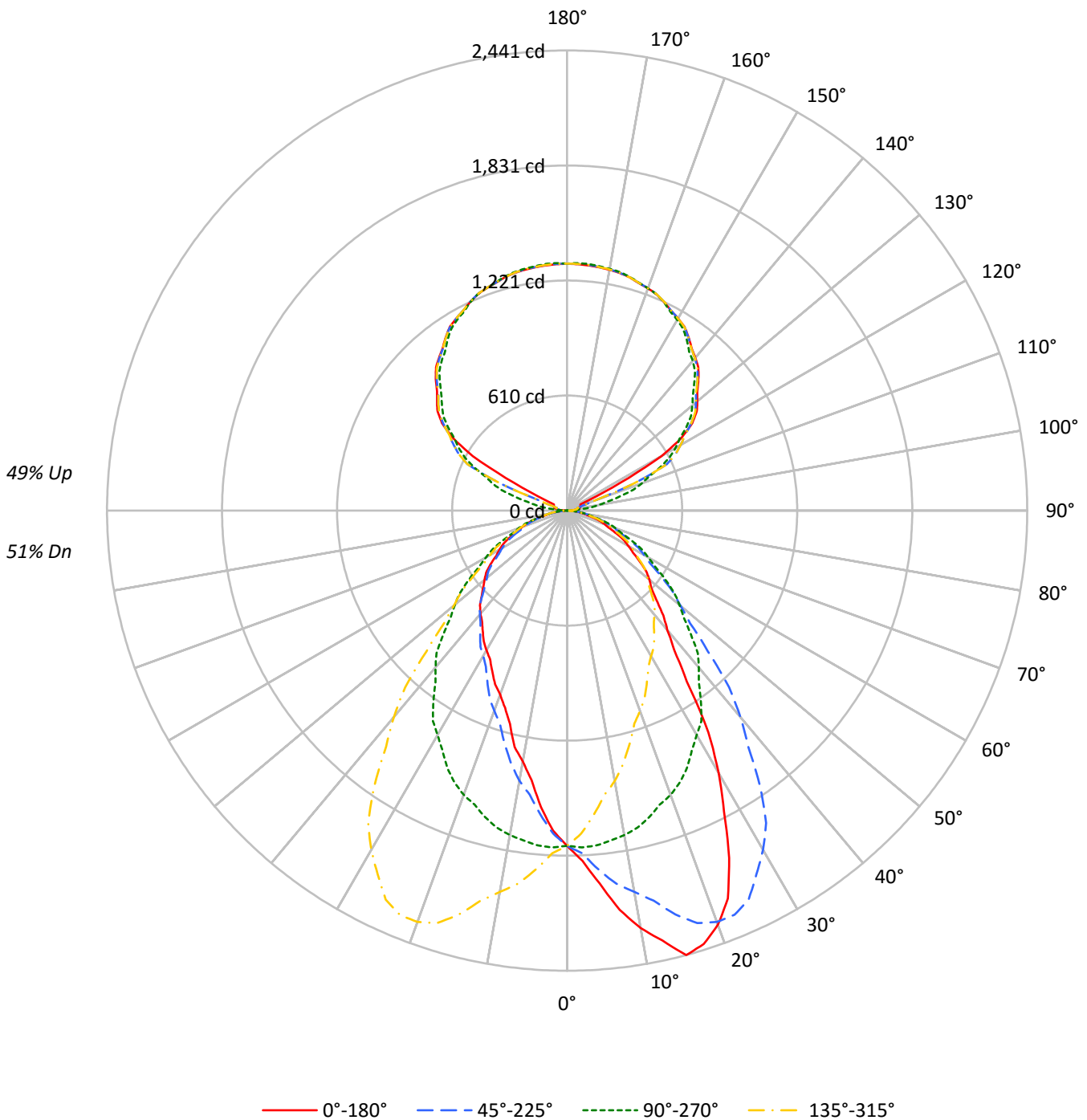
Input Watts (W): 71.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-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 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 70 | 70 | 70 | 57 | 57 | 57 | 51 |
| 1 | 98 | 94 | 91 | 87 | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 60 | 59 | 51 | 50 | 49 | 44 |
| 2 | 90 | 83 | 77 | 72 | 83 | 77 | 72 | 67 | 65 | 62 | 58 | 55 | 52 | 50 | 45 | 43 | 42 | 37 |
| 3 | 82 | 73 | 66 | 61 | 76 | 68 | 62 | 57 | 58 | 54 | 50 | 49 | 46 | 43 | 41 | 38 | 36 | 32 |
| 4 | 76 | 65 | 58 | 52 | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 37 | 34 | 32 | 28 |
| 5 | 70 | 58 | 50 | 45 | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 40 | 36 | 32 | 33 | 30 | 28 | 25 |
| 6 | 64 | 53 | 45 | 39 | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 25 | 22 |
| 7 | 60 | 48 | 40 | 34 | 55 | 44 | 38 | 33 | 39 | 33 | 29 | 33 | 29 | 26 | 28 | 25 | 22 | 20 |
| 8 | 55 | 43 | 36 | 31 | 51 | 41 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 26 | 22 | 20 | 18 |
| 9 | 52 | 40 | 32 | 27 | 48 | 37 | 31 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 | 16 |
| 10 | 48 | 36 | 29 | 25 | 45 | 34 | 28 | 24 | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 28709 | 28709 | 28709 | 28709 |
| 5° | 32185 | 28896 | 25606 | 28896 |
| 10° | 36882 | 28658 | 22161 | 28658 |
| 15° | 40802 | 28134 | 19579 | 28134 |
| 20° | 40180 | 27569 | 17849 | 27569 |
| 25° | 36230 | 26820 | 16751 | 26820 |
| 30° | 29940 | 25620 | 15951 | 25620 |
| 35° | 21821 | 24366 | 15382 | 24366 |
| 40° | 17428 | 22885 | 15066 | 22885 |
| 45° | 15230 | 21174 | 14636 | 21174 |
| 50° | 14315 | 19515 | 14350 | 19515 |
| 55° | 13196 | 17833 | 13965 | 17833 |
| 60° | 12093 | 16043 | 13372 | 16043 |
| 65° | 11018 | 14437 | 12791 | 14437 |
| 70° | 10003 | 12873 | 11939 | 12873 |
| 75° | 8865 | 11123 | 10574 | 11123 |
| 80° | 7624 | 9214 | 8517 | 9214 |
| 85° | 6836 | 6836 | 5076 | 6836 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 169.3 | 2.2 |
| 10°-20° | 492.3 | 6.3 |
| 20°-30° | 714.5 | 9.2 |
| 30°-40° | 754.0 | 9.7 |
| 40°-50° | 667.6 | 8.6 |
| 50°-60° | 532.7 | 6.9 |
| 60°-70° | 362.1 | 4.7 |
| 70°-80° | 185.6 | 2.4 |
| 80°-90° | 48.0 | 0.6 |
| 90°-100° | 43.7 | 0.6 |
| 100°-110° | 160.2 | 2.1 |
| 110°-120° | 428.4 | 5.5 |
| 120°-130° | 707.1 | 9.1 |
| 130°-140° | 752.0 | 9.7 |
| 140°-150° | 699.0 | 9.0 |
| 150°-160° | 562.0 | 7.2 |
| 160°-170° | 362.1 | 4.7 |
| 170°-180° | 124.6 | 1.6 |
| 0°-30° | 1376.1 | 17.7 |
| 0°-40° | 2130.1 | 27.4 |
| 0°-60° | 3330.4 | 42.9 |
| 0°-90° | 3926.1 | 50.6 |
| 90°-120° | 632.3 | 8.1 |
| 90°-150° | 2790.4 | 35.9 |
| 90°-180° | 3839.0 | 49.4 |
| 0°-180° | 7765.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1778 | 1778 | 1778 | 1778 | 1778 | |
| 5° | 1986 | 1783 | 1580 | 1783 | 1986 | 198 |
| 15° | 2441 | 1683 | 1171 | 1683 | 2441 | 674 |
| 25° | 2034 | 1506 | 940 | 1506 | 2034 | 919 |
| 35° | 1107 | 1236 | 780 | 1236 | 1107 | 720 |
| 45° | 667 | 927 | 641 | 927 | 667 | 524 |
| 55° | 469 | 634 | 496 | 634 | 469 | 420 |
| 65° | 288 | 378 | 335 | 378 | 288 | 287 |
| 75° | 142 | 178 | 170 | 178 | 142 | 152 |
| 85° | 37 | 37 | 27 | 37 | 37 | 41 |
| 90° | 26 | 1 | 26 | 1 | 26 | 13 |
| 95° | 41 | 62 | 41 | 62 | 41 | 38 |
| 105° | 72 | 288 | 72 | 288 | 72 | 75 |
| 115° | 78 | 545 | 78 | 545 | 78 | 195 |
| 125° | 810 | 771 | 810 | 771 | 810 | 701 |
| 135° | 985 | 954 | 985 | 954 | 985 | 759 |
| 145° | 1123 | 1106 | 1123 | 1106 | 1123 | 702 |
| 155° | 1219 | 1218 | 1219 | 1218 | 1219 | 563 |
| 165° | 1281 | 1284 | 1281 | 1284 | 1281 | 362 |
| 175° | 1305 | 1313 | 1305 | 1313 | 1305 | 124 |
| 180° | 1310 | 1310 | 1310 | 1310 | 1310 | |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5° | 1860.1 | 1860.6 | 1861.7 | 1853.0 | 1851.9 | 1851.9 | 1844.2 | 1837.7 | 1830.1 | 1819.6 | 1820.8 |
| 5° | 1985.8 | 1993.3 | 1996.1 | 1987.9 | 1975.6 | 1974.2 | 1962.7 | 1943.5 | 1925.7 | 1911.4 | 1901.1 |
| 7.5° | 2135.9 | 2138.9 | 2132.3 | 2121.5 | 2112.3 | 2095.9 | 2074.3 | 2053.1 | 2023.5 | 1996.3 | 1976.0 |
| 10° | 2249.6 | 2253.7 | 2242.1 | 2226.4 | 2213.4 | 2194.3 | 2162.8 | 2130.7 | 2091.8 | 2054.2 | 2024.1 |
| 12.5° | 2336.0 | 2346.1 | 2331.2 | 2329.1 | 2306.9 | 2280.6 | 2243.2 | 2227.0 | 2172.1 | 2119.8 | 2087.6 |
| 15° | 2441.0 | 2440.3 | 2441.7 | 2428.7 | 2412.3 | 2408.2 | 2368.6 | 2325.5 | 2248.3 | 2217.5 | 2164.2 |
| 17.5° | 2410.7 | 2421.0 | 2425.8 | 2425.6 | 2425.3 | 2422.7 | 2409.9 | 2382.7 | 2344.0 | 2294.2 | 2232.7 |
| 20° | 2338.5 | 2352.2 | 2354.2 | 2369.9 | 2378.8 | 2390.4 | 2395.2 | 2387.6 | 2363.7 | 2322.1 | 2268.8 |
| 22.5° | 2227.0 | 2230.8 | 2237.2 | 2261.6 | 2280.9 | 2310.1 | 2325.2 | 2350.5 | 2341.4 | 2320.9 | 2276.4 |
| 25° | 2033.7 | 2026.9 | 2050.8 | 2063.1 | 2107.5 | 2153.9 | 2187.5 | 2224.4 | 2257.2 | 2277.0 | 2264.0 |
| 27.5° | 1801.6 | 1791.4 | 1827.2 | 1859.8 | 1896.0 | 1946.2 | 1998.4 | 2060.0 | 2111.3 | 2175.4 | 2197.4 |
| 30° | 1605.9 | 1612.0 | 1646.2 | 1681.1 | 1735.7 | 1806.8 | 1865.5 | 1933.2 | 2006.3 | 2078.1 | 2128.0 |
| 32.5° | 1394.9 | 1418.5 | 1440.1 | 1493.5 | 1541.7 | 1621.0 | 1707.0 | 1791.6 | 1882.8 | 1964.4 | 2041.7 |
| 35° | 1107.1 | 1134.3 | 1164.5 | 1203.4 | 1271.0 | 1349.6 | 1433.7 | 1547.8 | 1672.2 | 1783.6 | 1875.2 |
| 37.5° | 931.8 | 927.5 | 944.7 | 972.9 | 1027.6 | 1091.1 | 1187.8 | 1300.6 | 1447.0 | 1577.9 | 1707.0 |
| 40° | 826.9 | 824.1 | 836.4 | 862.4 | 904.1 | 950.6 | 1035.3 | 1134.3 | 1270.3 | 1430.3 | 1584.0 |
| 42.5° | 754.7 | 756.3 | 763.2 | 781.5 | 810.0 | 848.3 | 911.8 | 996.0 | 1120.6 | 1271.2 | 1436.5 |
| 45° | 667.0 | 671.7 | 679.3 | 688.1 | 704.5 | 736.0 | 771.5 | 831.7 | 930.1 | 1055.8 | 1218.4 |
| 47.5° | 603.8 | 604.0 | 611.6 | 619.4 | 629.1 | 646.8 | 675.8 | 713.5 | 783.0 | 885.4 | 1025.2 |
| 50° | 569.9 | 565.2 | 570.6 | 576.8 | 587.0 | 599.3 | 618.4 | 654.0 | 700.4 | 783.1 | 900.0 |
| 52.5° | 528.3 | 528.5 | 533.4 | 535.7 | 544.9 | 557.2 | 574.7 | 599.3 | 641.4 | 706.1 | 802.1 |
| 55° | 468.8 | 472.2 | 474.9 | 479.0 | 487.2 | 496.1 | 509.8 | 526.2 | 559.0 | 607.5 | 678.6 |
| 57.5° | 412.8 | 413.8 | 416.6 | 424.4 | 429.5 | 437.7 | 450.8 | 465.7 | 487.0 | 522.9 | 576.3 |
| 60° | 374.5 | 374.5 | 380.0 | 383.3 | 390.2 | 398.4 | 408.7 | 423.0 | 442.1 | 471.5 | 514.6 |
| 62.5° | 339.5 | 338.9 | 341.2 | 346.7 | 352.0 | 359.6 | 369.8 | 382.0 | 400.0 | 426.1 | 461.5 |
| 65° | 288.4 | 287.0 | 291.1 | 292.5 | 297.9 | 305.5 | 313.7 | 326.6 | 341.0 | 360.2 | 391.6 |
| 67.5° | 239.2 | 240.9 | 243.0 | 245.6 | 248.6 | 256.5 | 262.0 | 271.2 | 283.3 | 299.2 | 320.5 |
| 70° | 211.9 | 211.9 | 211.9 | 213.9 | 218.0 | 222.1 | 227.6 | 235.1 | 246.7 | 260.4 | 279.5 |
| 72.5° | 181.2 | 183.4 | 185.6 | 184.4 | 189.6 | 192.0 | 198.6 | 202.9 | 213.9 | 222.7 | 239.6 |
| 75° | 142.1 | 142.1 | 142.1 | 145.5 | 147.6 | 149.6 | 153.7 | 157.8 | 163.4 | 174.2 | 183.2 |
| 77.5° | 106.0 | 105.8 | 106.5 | 107.3 | 109.5 | 111.9 | 113.2 | 116.8 | 121.9 | 127.0 | 134.5 |
| 80° | 82.0 | 83.4 | 84.1 | 85.4 | 85.4 | 86.8 | 87.5 | 92.3 | 95.7 | 99.1 | 103.9 |
| 82.5° | 63.4 | 63.7 | 63.8 | 64.1 | 64.6 | 65.5 | 67.2 | 68.8 | 70.0 | 72.9 | 76.5 |
| 85° | 36.9 | 36.2 | 36.2 | 37.5 | 36.9 | 36.9 | 38.3 | 39.6 | 39.6 | 40.3 | 42.4 |
| 87.5° | 19.4 | 19.3 | 19.7 | 19.1 | 19.0 | 19.4 | 19.2 | 18.5 | 18.7 | 19.1 | 19.4 |
| 90° | 25.6 | 25.1 | 24.8 | 24.3 | 23.9 | 23.2 | 22.1 | 21.0 | 20.0 | 19.0 | 17.3 |
| 92.5° | 25.6 | 25.3 | 25.1 | 24.9 | 24.6 | 24.2 | 23.6 | 23.1 | 22.6 | 22.0 | 21.1 |
| 95° | 40.8 | 40.9 | 41.2 | 41.4 | 41.6 | 41.2 | 40.1 | 39.1 | 38.0 | 37.0 | 35.5 |
| 97.5° | 54.4 | 54.1 | 53.9 | 53.7 | 53.4 | 52.9 | 52.0 | 51.2 | 50.3 | 49.5 | 46.1 |
| 100° | 63.5 | 63.1 | 62.7 | 62.2 | 61.8 | 60.8 | 59.1 | 57.4 | 55.7 | 54.0 | 50.5 |
| 102.5° | 68.0 | 67.5 | 66.9 | 66.3 | 65.7 | 64.3 | 62.2 | 59.9 | 57.8 | 55.6 | 85.5 |
| 105° | 72.1 | 71.2 | 70.4 | 69.6 | 68.7 | 67.1 | 64.7 | 62.4 | 60.1 | 57.8 | 115.3 |
| 107.5° | 74.1 | 73.3 | 72.4 | 71.6 | 70.8 | 71.5 | 73.8 | 76.2 | 78.6 | 81.0 | 149.9 |
| 110° | 74.9 | 74.0 | 73.2 | 72.3 | 71.5 | 81.6 | 102.7 | 123.8 | 144.8 | 165.9 | 226.8 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 75.6 | 75.0 | 74.3 | 73.7 | 72.9 | 111.0 | 187.9 | 264.7 | 341.6 | 418.4 | 433.5 |
| 115° | 77.8 | 92.9 | 108.1 | 123.2 | 138.4 | 194.7 | 292.3 | 389.8 | 487.3 | 584.9 | 579.6 |
| 117.5° | 317.4 | 367.2 | 417.1 | 466.9 | 516.7 | 553.5 | 577.0 | 600.7 | 624.2 | 647.8 | 644.2 |
| 120° | 578.3 | 606.6 | 635.1 | 663.5 | 692.0 | 705.0 | 702.4 | 699.9 | 697.3 | 694.8 | 691.1 |
| 122.5° | 721.6 | 727.1 | 732.6 | 738.2 | 743.6 | 745.6 | 744.1 | 742.6 | 741.1 | 739.6 | 735.5 |
| 125° | 810.5 | 809.9 | 809.2 | 808.6 | 808.0 | 806.9 | 805.4 | 804.0 | 802.5 | 801.0 | 797.0 |
| 127.5° | 866.6 | 866.5 | 866.4 | 866.2 | 866.1 | 865.0 | 862.8 | 860.7 | 858.5 | 856.4 | 853.4 |
| 130° | 901.5 | 901.7 | 901.9 | 902.1 | 902.3 | 901.3 | 898.9 | 896.6 | 894.3 | 892.0 | 889.7 |
| 132.5° | 935.6 | 935.9 | 936.0 | 936.2 | 936.5 | 935.6 | 933.6 | 931.6 | 929.6 | 927.6 | 925.3 |
| 135° | 984.9 | 985.3 | 985.7 | 986.1 | 986.6 | 985.7 | 983.6 | 981.5 | 979.5 | 977.3 | 975.4 |
| 137.5° | 1029.8 | 1030.6 | 1031.3 | 1032.0 | 1032.7 | 1032.0 | 1029.9 | 1027.9 | 1025.8 | 1023.8 | 1021.6 |
| 140° | 1057.9 | 1058.9 | 1060.0 | 1061.0 | 1062.1 | 1061.7 | 1059.8 | 1057.9 | 1056.0 | 1054.1 | 1051.8 |
| 142.5° | 1085.2 | 1086.3 | 1087.3 | 1088.3 | 1089.4 | 1089.0 | 1087.4 | 1085.6 | 1083.9 | 1082.2 | 1079.5 |
| 145° | 1123.3 | 1124.4 | 1125.4 | 1126.5 | 1127.5 | 1127.3 | 1125.8 | 1124.4 | 1122.8 | 1121.4 | 1117.8 |
| 147.5° | 1156.8 | 1157.7 | 1158.6 | 1159.5 | 1160.4 | 1160.3 | 1159.2 | 1158.1 | 1157.0 | 1155.9 | 1152.4 |
| 150° | 1177.3 | 1178.4 | 1179.5 | 1180.4 | 1181.5 | 1181.4 | 1180.2 | 1178.9 | 1177.7 | 1176.3 | 1173.0 |
| 152.5° | 1194.8 | 1196.1 | 1197.6 | 1198.9 | 1200.3 | 1200.4 | 1199.2 | 1197.8 | 1196.6 | 1195.3 | 1192.1 |
| 155° | 1219.1 | 1220.8 | 1222.4 | 1224.1 | 1225.7 | 1226.0 | 1224.8 | 1223.4 | 1222.2 | 1220.9 | 1218.4 |
| 157.5° | 1241.2 | 1242.9 | 1244.5 | 1246.2 | 1247.8 | 1247.9 | 1246.4 | 1245.0 | 1243.6 | 1242.2 | 1240.4 |
| 160° | 1254.1 | 1255.6 | 1257.0 | 1258.6 | 1260.0 | 1260.1 | 1258.8 | 1257.6 | 1256.3 | 1255.1 | 1253.8 |
| 162.5° | 1264.7 | 1266.5 | 1268.4 | 1270.2 | 1271.9 | 1272.2 | 1270.7 | 1269.3 | 1267.8 | 1266.4 | 1265.3 |
| 165° | 1280.7 | 1282.1 | 1283.6 | 1285.0 | 1286.6 | 1286.6 | 1285.0 | 1283.6 | 1282.1 | 1280.7 | 1280.1 |
| 167.5° | 1290.7 | 1292.6 | 1294.5 | 1296.4 | 1298.2 | 1298.5 | 1297.0 | 1295.6 | 1294.1 | 1292.6 | 1292.0 |
| 170° | 1296.7 | 1298.7 | 1300.6 | 1302.4 | 1304.3 | 1304.6 | 1303.1 | 1301.6 | 1300.1 | 1298.7 | 1298.2 |
| 172.5° | 1301.3 | 1303.2 | 1305.1 | 1307.0 | 1308.9 | 1309.1 | 1307.6 | 1306.2 | 1304.7 | 1303.2 | 1302.8 |
| 175° | 1305.3 | 1307.4 | 1309.5 | 1311.6 | 1313.8 | 1314.0 | 1312.6 | 1311.1 | 1309.7 | 1308.1 | 1307.7 |
| 177.5° | 1307.8 | 1309.3 | 1310.8 | 1312.3 | 1313.8 | 1314.0 | 1312.8 | 1311.6 | 1310.5 | 1309.3 | 1309.1 |
| 180° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5° | 1824.6 | 1820.2 | 1817.5 | 1807.7 | 1798.8 | 1790.1 | 1787.4 | 1788.5 | 1776.5 | 1765.0 | 1760.1 |
| 5° | 1895.7 | 1882.0 | 1869.0 | 1850.6 | 1828.7 | 1804.7 | 1792.4 | 1782.9 | 1759.0 | 1733.0 | 1718.0 |
| 7.5° | 1959.4 | 1939.8 | 1914.8 | 1880.1 | 1848.2 | 1810.6 | 1786.7 | 1765.5 | 1730.5 | 1693.9 | 1671.5 |
| 10° | 1998.1 | 1971.5 | 1939.4 | 1897.0 | 1858.1 | 1812.3 | 1780.1 | 1748.0 | 1707.0 | 1663.3 | 1635.9 |
| 12.5° | 2031.5 | 1995.6 | 1964.0 | 1909.6 | 1863.5 | 1806.2 | 1768.2 | 1722.9 | 1679.7 | 1627.7 | 1601.0 |
| 15° | 2110.9 | 2044.6 | 1984.5 | 1923.0 | 1866.3 | 1786.3 | 1743.9 | 1683.1 | 1626.4 | 1562.2 | 1531.4 |
| 17.5° | 2172.3 | 2097.7 | 2003.0 | 1924.9 | 1858.8 | 1770.2 | 1708.0 | 1635.1 | 1568.1 | 1494.7 | 1452.9 |
| 20° | 2207.3 | 2121.8 | 2020.0 | 1927.1 | 1847.8 | 1746.7 | 1679.0 | 1604.5 | 1526.0 | 1443.2 | 1398.2 |
| 22.5° | 2228.0 | 2138.2 | 2037.6 | 1918.9 | 1826.0 | 1727.5 | 1642.4 | 1560.8 | 1481.1 | 1391.9 | 1344.6 |
| 25° | 2234.6 | 2152.6 | 2046.0 | 1912.1 | 1798.6 | 1687.2 | 1584.7 | 1505.5 | 1409.1 | 1325.7 | 1256.7 |
| 27.5° | 2202.1 | 2143.3 | 2040.8 | 1899.2 | 1767.0 | 1636.8 | 1522.5 | 1432.7 | 1331.1 | 1240.5 | 1171.2 |
| 30° | 2162.1 | 2128.0 | 2028.2 | 1886.1 | 1741.9 | 1601.8 | 1476.0 | 1374.2 | 1273.1 | 1181.5 | 1110.4 |
| 32.5° | 2100.4 | 2093.0 | 2005.3 | 1867.5 | 1715.1 | 1557.6 | 1427.5 | 1324.5 | 1212.5 | 1122.5 | 1054.7 |
| 35° | 1979.1 | 2011.8 | 1956.5 | 1826.0 | 1664.6 | 1494.5 | 1353.7 | 1236.2 | 1120.1 | 1033.9 | 970.4 |
| 37.5° | 1816.4 | 1897.8 | 1883.4 | 1765.1 | 1596.6 | 1425.9 | 1270.5 | 1147.6 | 1037.0 | 950.0 | 887.7 |
| 40° | 1704.3 | 1808.2 | 1823.2 | 1718.7 | 1548.5 | 1372.9 | 1208.2 | 1085.8 | 977.9 | 898.7 | 835.7 |
| 42.5° | 1584.0 | 1705.4 | 1746.7 | 1662.9 | 1496.0 | 1317.1 | 1152.4 | 1025.7 | 918.8 | 841.8 | 786.0 |
| 45° | 1382.4 | 1543.0 | 1617.6 | 1569.7 | 1408.5 | 1225.3 | 1055.8 | 927.3 | 830.3 | 757.9 | 714.8 |
| 47.5° | 1194.0 | 1369.5 | 1469.6 | 1452.7 | 1311.0 | 1129.6 | 962.1 | 838.7 | 744.3 | 686.5 | 648.0 |
| 50° | 1060.6 | 1241.0 | 1361.9 | 1367.4 | 1241.0 | 1061.2 | 893.1 | 776.9 | 690.2 | 636.2 | 604.8 |
| 52.5° | 944.7 | 1116.9 | 1248.8 | 1277.7 | 1162.8 | 990.2 | 831.3 | 715.8 | 639.4 | 589.8 | 561.6 |
| 55° | 793.4 | 939.0 | 1085.2 | 1138.4 | 1046.2 | 882.3 | 735.3 | 633.5 | 561.7 | 527.5 | 502.9 |
| 57.5° | 659.6 | 781.0 | 916.0 | 974.9 | 918.0 | 777.7 | 639.9 | 551.4 | 493.3 | 463.3 | 444.4 |
| 60° | 589.1 | 684.7 | 805.0 | 875.4 | 826.2 | 701.2 | 580.9 | 496.8 | 449.0 | 422.3 | 404.6 |
| 62.5° | 523.4 | 608.2 | 709.9 | 774.3 | 747.4 | 629.5 | 521.8 | 447.6 | 406.4 | 381.3 | 368.5 |
| 65° | 431.9 | 498.8 | 577.5 | 636.9 | 619.1 | 529.6 | 441.5 | 377.9 | 345.1 | 325.3 | 315.0 |
| 67.5° | 355.6 | 404.0 | 458.5 | 510.6 | 496.2 | 432.8 | 362.0 | 312.5 | 288.1 | 271.0 | 264.8 |
| 70° | 307.6 | 344.4 | 393.0 | 434.6 | 423.0 | 371.0 | 315.0 | 272.7 | 251.5 | 237.1 | 231.0 |
| 72.5° | 261.6 | 291.9 | 329.0 | 363.0 | 355.2 | 312.0 | 265.3 | 233.3 | 217.0 | 203.8 | 198.8 |
| 75° | 197.5 | 220.7 | 243.3 | 265.8 | 263.8 | 230.3 | 203.0 | 178.3 | 165.4 | 155.2 | 153.1 |
| 77.5° | 145.8 | 158.8 | 174.2 | 187.5 | 183.8 | 164.7 | 143.2 | 129.1 | 119.6 | 112.7 | 111.6 |
| 80° | 111.4 | 118.9 | 129.8 | 139.4 | 134.6 | 126.4 | 109.3 | 99.1 | 92.3 | 85.4 | 82.7 |
| 82.5° | 80.8 | 88.3 | 94.9 | 100.0 | 96.4 | 88.7 | 78.2 | 71.2 | 67.1 | 62.4 | 61.3 |
| 85° | 42.4 | 46.5 | 49.2 | 50.6 | 49.2 | 44.4 | 39.6 | 36.9 | 33.5 | 31.5 | 30.8 |
| 87.5° | 19.5 | 19.2 | 18.8 | 19.5 | 17.5 | 16.9 | 14.4 | 12.2 | 12.1 | 12.0 | 11.4 |
| 90° | 15.6 | 13.9 | 12.2 | 10.3 | 7.9 | 5.6 | 3.3 | 1.0 | 3.3 | 5.6 | 7.9 |
| 92.5° | 20.3 | 19.4 | 18.6 | 18.3 | 18.5 | 18.7 | 18.9 | 19.2 | 18.9 | 18.7 | 18.5 |
| 95° | 34.1 | 32.5 | 31.0 | 33.8 | 40.8 | 47.7 | 54.7 | 61.6 | 54.7 | 47.7 | 40.8 |
| 97.5° | 42.6 | 39.2 | 35.8 | 44.0 | 63.5 | 83.1 | 102.7 | 122.3 | 102.7 | 83.1 | 63.5 |
| 100° | 46.9 | 43.2 | 39.7 | 52.3 | 81.2 | 110.0 | 138.9 | 167.8 | 138.9 | 110.0 | 81.2 |
| 102.5° | 115.5 | 145.4 | 175.4 | 193.4 | 199.5 | 205.6 | 211.7 | 217.8 | 211.7 | 205.6 | 199.5 |
| 105° | 172.8 | 230.3 | 287.8 | 313.4 | 307.1 | 300.8 | 294.5 | 288.2 | 294.5 | 300.8 | 307.1 |
| 107.5° | 218.9 | 287.8 | 356.9 | 388.8 | 383.6 | 378.5 | 373.4 | 368.4 | 373.4 | 378.5 | 383.6 |
| 110° | 287.7 | 348.5 | 409.4 | 437.7 | 433.2 | 428.8 | 424.4 | 419.9 | 424.4 | 428.8 | 433.2 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 448.5 | 463.5 | 478.6 | 484.1 | 480.2 | 476.3 | 472.4 | 468.5 | 472.4 | 476.3 | 480.2 |
| 115° | 574.4 | 569.1 | 563.8 | 559.4 | 555.8 | 552.2 | 548.7 | 545.1 | 548.7 | 552.2 | 555.8 |
| 117.5° | 640.6 | 636.9 | 633.3 | 629.5 | 625.5 | 621.5 | 617.5 | 613.5 | 617.5 | 621.5 | 625.5 |
| 120° | 687.2 | 683.5 | 679.7 | 676.2 | 673.1 | 669.9 | 666.7 | 663.5 | 666.7 | 669.9 | 673.1 |
| 122.5° | 731.3 | 727.2 | 723.1 | 719.3 | 716.0 | 712.7 | 709.4 | 706.1 | 709.4 | 712.7 | 716.0 |
| 125° | 793.0 | 789.0 | 785.0 | 781.6 | 778.9 | 776.1 | 773.4 | 770.7 | 773.4 | 776.1 | 778.9 |
| 127.5° | 850.3 | 847.4 | 844.4 | 841.4 | 838.4 | 835.4 | 832.3 | 829.3 | 832.3 | 835.4 | 838.4 |
| 130° | 887.3 | 885.0 | 882.7 | 879.9 | 876.6 | 873.2 | 869.8 | 866.4 | 869.8 | 873.2 | 876.6 |
| 132.5° | 923.0 | 920.7 | 918.4 | 915.8 | 912.9 | 910.1 | 907.2 | 904.3 | 907.2 | 910.1 | 912.9 |
| 135° | 973.5 | 971.6 | 969.7 | 967.1 | 963.8 | 960.4 | 957.0 | 953.6 | 957.0 | 960.4 | 963.8 |
| 137.5° | 1019.5 | 1017.4 | 1015.1 | 1012.9 | 1010.6 | 1008.2 | 1005.8 | 1003.4 | 1005.8 | 1008.2 | 1010.6 |
| 140° | 1049.5 | 1047.1 | 1044.8 | 1042.9 | 1041.2 | 1039.5 | 1037.8 | 1036.1 | 1037.8 | 1039.5 | 1041.2 |
| 142.5° | 1076.8 | 1074.2 | 1071.6 | 1069.4 | 1067.9 | 1066.4 | 1064.9 | 1063.4 | 1064.9 | 1066.4 | 1067.9 |
| 145° | 1114.2 | 1110.6 | 1107.1 | 1105.4 | 1105.6 | 1105.8 | 1106.0 | 1106.3 | 1106.0 | 1105.8 | 1105.6 |
| 147.5° | 1148.8 | 1145.3 | 1141.7 | 1140.4 | 1141.2 | 1142.0 | 1142.8 | 1143.6 | 1142.8 | 1142.0 | 1141.2 |
| 150° | 1169.7 | 1166.3 | 1162.9 | 1162.0 | 1163.4 | 1164.9 | 1166.4 | 1167.9 | 1166.4 | 1164.9 | 1163.4 |
| 152.5° | 1188.9 | 1185.7 | 1182.5 | 1181.8 | 1183.4 | 1185.0 | 1186.7 | 1188.3 | 1186.7 | 1185.0 | 1183.4 |
| 155° | 1215.8 | 1213.4 | 1210.9 | 1210.5 | 1212.4 | 1214.3 | 1216.2 | 1218.1 | 1216.2 | 1214.3 | 1212.4 |
| 157.5° | 1238.6 | 1236.9 | 1235.1 | 1235.0 | 1236.6 | 1238.2 | 1239.8 | 1241.4 | 1239.8 | 1238.2 | 1236.6 |
| 160° | 1252.5 | 1251.2 | 1250.0 | 1250.0 | 1251.2 | 1252.5 | 1253.8 | 1255.1 | 1253.8 | 1252.5 | 1251.2 |
| 162.5° | 1264.3 | 1263.1 | 1262.0 | 1262.1 | 1263.4 | 1264.6 | 1266.0 | 1267.2 | 1266.0 | 1264.6 | 1263.4 |
| 165° | 1279.4 | 1278.7 | 1278.1 | 1278.4 | 1279.7 | 1280.9 | 1282.2 | 1283.5 | 1282.2 | 1280.9 | 1279.7 |
| 167.5° | 1291.4 | 1290.8 | 1290.2 | 1290.6 | 1291.8 | 1293.1 | 1294.4 | 1295.7 | 1294.4 | 1293.1 | 1291.8 |
| 170° | 1297.8 | 1297.4 | 1297.0 | 1297.4 | 1298.7 | 1299.9 | 1301.2 | 1302.4 | 1301.2 | 1299.9 | 1298.7 |
| 172.5° | 1302.3 | 1302.0 | 1301.5 | 1302.0 | 1303.2 | 1304.5 | 1305.7 | 1307.0 | 1305.7 | 1304.5 | 1303.2 |
| 175° | 1307.3 | 1306.9 | 1306.4 | 1307.0 | 1308.5 | 1309.9 | 1311.4 | 1312.9 | 1311.4 | 1309.9 | 1308.5 |
| 177.5° | 1308.9 | 1308.8 | 1308.6 | 1309.1 | 1310.3 | 1311.4 | 1312.7 | 1313.8 | 1312.7 | 1311.4 | 1310.3 |
| 180° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5° | 1754.6 | 1751.3 | 1739.8 | 1733.8 | 1724.0 | 1714.7 | 1708.7 | 1711.5 | 1713.6 | 1712.5 | 1710.8 |
| 5° | 1704.3 | 1691.3 | 1671.5 | 1654.4 | 1642.1 | 1619.6 | 1610.0 | 1605.3 | 1601.2 | 1596.3 | 1591.5 |
| 7.5° | 1644.4 | 1624.0 | 1595.5 | 1571.2 | 1548.2 | 1520.2 | 1504.2 | 1494.7 | 1484.8 | 1474.0 | 1464.5 |
| 10° | 1601.8 | 1573.1 | 1543.0 | 1508.9 | 1481.6 | 1456.3 | 1433.7 | 1418.6 | 1405.0 | 1392.0 | 1382.4 |
| 12.5° | 1557.0 | 1523.9 | 1486.7 | 1440.0 | 1409.9 | 1373.7 | 1370.3 | 1343.8 | 1322.4 | 1314.4 | 1303.1 |
| 15° | 1485.6 | 1439.1 | 1392.0 | 1336.7 | 1312.8 | 1280.0 | 1259.5 | 1238.9 | 1220.5 | 1207.5 | 1204.1 |
| 17.5° | 1404.6 | 1344.4 | 1297.5 | 1257.8 | 1218.6 | 1185.0 | 1166.1 | 1149.7 | 1134.5 | 1117.1 | 1114.8 |
| 20° | 1342.8 | 1290.8 | 1239.7 | 1204.8 | 1164.5 | 1130.2 | 1107.1 | 1090.7 | 1077.6 | 1067.4 | 1058.5 |
| 22.5° | 1284.3 | 1227.4 | 1180.5 | 1142.5 | 1102.7 | 1075.0 | 1056.8 | 1040.9 | 1030.1 | 1018.8 | 1010.4 |
| 25° | 1190.4 | 1146.0 | 1094.8 | 1051.7 | 1018.9 | 1001.1 | 986.1 | 972.4 | 965.6 | 958.1 | 948.5 |
| 27.5° | 1108.3 | 1058.9 | 1010.9 | 977.6 | 948.8 | 933.1 | 922.4 | 913.1 | 906.7 | 902.3 | 896.9 |
| 30° | 1050.3 | 1000.4 | 962.9 | 930.1 | 906.2 | 890.5 | 883.6 | 878.2 | 870.6 | 867.9 | 865.1 |
| 32.5° | 994.5 | 949.6 | 917.5 | 889.0 | 866.2 | 856.0 | 849.7 | 844.8 | 838.9 | 836.2 | 830.7 |
| 35° | 915.7 | 878.2 | 846.7 | 831.0 | 812.5 | 803.6 | 798.9 | 792.0 | 786.6 | 783.8 | 783.1 |
| 37.5° | 841.5 | 808.9 | 788.2 | 767.9 | 760.2 | 754.7 | 748.1 | 743.5 | 741.9 | 741.5 | 740.7 |
| 40° | 793.4 | 766.7 | 748.3 | 731.9 | 728.4 | 720.2 | 714.8 | 710.7 | 710.7 | 711.4 | 710.7 |
| 42.5° | 749.7 | 725.8 | 709.4 | 695.3 | 691.3 | 686.3 | 680.9 | 680.6 | 681.7 | 684.0 | 681.7 |
| 45° | 683.4 | 666.3 | 654.7 | 647.8 | 640.3 | 635.5 | 634.8 | 636.9 | 637.6 | 638.3 | 640.3 |
| 47.5° | 622.4 | 611.1 | 600.6 | 593.0 | 589.8 | 588.9 | 588.1 | 591.7 | 594.9 | 596.2 | 599.3 |
| 50° | 586.3 | 573.4 | 564.5 | 559.6 | 557.0 | 555.5 | 557.0 | 561.1 | 563.7 | 567.2 | 569.3 |
| 52.5° | 545.9 | 536.7 | 530.6 | 526.9 | 525.8 | 526.6 | 526.9 | 531.5 | 535.9 | 537.2 | 538.1 |
| 55° | 490.0 | 483.1 | 481.8 | 475.6 | 478.3 | 477.7 | 481.1 | 483.8 | 487.9 | 492.0 | 492.7 |
| 57.5° | 434.2 | 428.7 | 425.1 | 425.6 | 426.4 | 429.4 | 432.3 | 437.1 | 441.5 | 445.9 | 446.2 |
| 60° | 397.1 | 394.3 | 392.3 | 392.3 | 393.6 | 397.7 | 401.1 | 405.9 | 408.7 | 411.3 | 413.4 |
| 62.5° | 363.1 | 360.4 | 358.4 | 359.4 | 363.0 | 365.4 | 369.4 | 372.0 | 374.8 | 377.5 | 378.4 |
| 65° | 309.6 | 308.2 | 310.2 | 311.7 | 312.3 | 315.8 | 320.5 | 322.5 | 325.3 | 326.6 | 331.4 |
| 67.5° | 260.2 | 260.5 | 260.2 | 262.2 | 266.1 | 266.9 | 271.4 | 276.3 | 276.8 | 279.4 | 282.5 |
| 70° | 226.9 | 228.3 | 229.6 | 231.0 | 234.4 | 235.8 | 239.2 | 241.2 | 244.0 | 246.0 | 248.1 |
| 72.5° | 196.3 | 196.5 | 197.9 | 197.6 | 200.5 | 203.5 | 206.3 | 208.4 | 211.2 | 213.7 | 215.8 |
| 75° | 151.1 | 151.1 | 152.4 | 153.1 | 156.5 | 159.9 | 159.3 | 160.6 | 163.4 | 166.0 | 167.5 |
| 77.5° | 110.3 | 108.8 | 110.3 | 111.0 | 112.1 | 114.9 | 115.5 | 117.4 | 120.6 | 119.6 | 121.1 |
| 80° | 84.1 | 82.0 | 84.1 | 84.7 | 84.7 | 88.2 | 88.2 | 89.5 | 91.6 | 89.5 | 91.6 |
| 82.5° | 60.0 | 59.0 | 60.5 | 60.7 | 61.8 | 61.9 | 63.0 | 63.3 | 65.4 | 64.4 | 65.4 |
| 85° | 30.1 | 29.4 | 30.1 | 29.4 | 30.1 | 30.8 | 30.8 | 30.1 | 30.1 | 31.5 | 29.4 |
| 87.5° | 11.3 | 11.1 | 11.0 | 11.3 | 11.1 | 10.9 | 10.5 | 10.8 | 11.0 | 10.1 | 10.3 |
| 90° | 10.3 | 12.2 | 13.9 | 15.6 | 17.3 | 19.0 | 20.0 | 21.0 | 22.1 | 23.2 | 23.9 |
| 92.5° | 18.3 | 18.6 | 19.4 | 20.3 | 21.1 | 22.0 | 22.6 | 23.1 | 23.6 | 24.2 | 24.6 |
| 95° | 33.8 | 31.0 | 32.5 | 34.1 | 35.5 | 37.0 | 38.0 | 39.1 | 40.1 | 41.2 | 41.6 |
| 97.5° | 44.0 | 35.8 | 39.2 | 42.6 | 46.1 | 49.5 | 50.3 | 51.2 | 52.0 | 52.9 | 53.4 |
| 100° | 52.3 | 39.7 | 43.2 | 46.9 | 50.5 | 54.0 | 55.7 | 57.4 | 59.1 | 60.8 | 61.8 |
| 102.5° | 193.4 | 175.4 | 145.4 | 115.5 | 85.5 | 55.6 | 57.8 | 59.9 | 62.2 | 64.3 | 65.7 |
| 105° | 313.4 | 287.8 | 230.3 | 172.8 | 115.3 | 57.8 | 60.1 | 62.4 | 64.7 | 67.1 | 68.7 |
| 107.5° | 388.8 | 356.9 | 287.8 | 218.9 | 149.9 | 81.0 | 78.6 | 76.2 | 73.8 | 71.5 | 70.8 |
| 110° | 437.7 | 409.4 | 348.5 | 287.7 | 226.8 | 165.9 | 144.8 | 123.8 | 102.7 | 81.6 | 71.5 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 484.1 | 478.6 | 463.5 | 448.5 | 433.5 | 418.4 | 341.6 | 264.7 | 187.9 | 111.0 | 72.9 |
| 115° | 559.4 | 563.8 | 569.1 | 574.4 | 579.6 | 584.9 | 487.3 | 389.8 | 292.3 | 194.7 | 138.4 |
| 117.5° | 629.5 | 633.3 | 636.9 | 640.6 | 644.2 | 647.8 | 624.2 | 600.7 | 577.0 | 553.5 | 516.7 |
| 120° | 676.2 | 679.7 | 683.5 | 687.2 | 691.1 | 694.8 | 697.3 | 699.9 | 702.4 | 705.0 | 692.0 |
| 122.5° | 719.3 | 723.1 | 727.2 | 731.3 | 735.5 | 739.6 | 741.1 | 742.6 | 744.1 | 745.6 | 743.6 |
| 125° | 781.6 | 785.0 | 789.0 | 793.0 | 797.0 | 801.0 | 802.5 | 804.0 | 805.4 | 806.9 | 808.0 |
| 127.5° | 841.4 | 844.4 | 847.4 | 850.3 | 853.4 | 856.4 | 858.5 | 860.7 | 862.8 | 865.0 | 866.1 |
| 130° | 879.9 | 882.7 | 885.0 | 887.3 | 889.7 | 892.0 | 894.3 | 896.6 | 898.9 | 901.3 | 902.3 |
| 132.5° | 915.8 | 918.4 | 920.7 | 923.0 | 925.3 | 927.6 | 929.6 | 931.6 | 933.6 | 935.6 | 936.5 |
| 135° | 967.1 | 969.7 | 971.6 | 973.5 | 975.4 | 977.3 | 979.5 | 981.5 | 983.6 | 985.7 | 986.6 |
| 137.5° | 1012.9 | 1015.1 | 1017.4 | 1019.5 | 1021.6 | 1023.8 | 1025.8 | 1027.9 | 1029.9 | 1032.0 | 1032.7 |
| 140° | 1042.9 | 1044.8 | 1047.1 | 1049.5 | 1051.8 | 1054.1 | 1056.0 | 1057.9 | 1059.8 | 1061.7 | 1062.1 |
| 142.5° | 1069.4 | 1071.6 | 1074.2 | 1076.8 | 1079.5 | 1082.2 | 1083.9 | 1085.6 | 1087.4 | 1089.0 | 1089.4 |
| 145° | 1105.4 | 1107.1 | 1110.6 | 1114.2 | 1117.8 | 1121.4 | 1122.8 | 1124.4 | 1125.8 | 1127.3 | 1127.5 |
| 147.5° | 1140.4 | 1141.7 | 1145.3 | 1148.8 | 1152.4 | 1155.9 | 1157.0 | 1158.1 | 1159.2 | 1160.3 | 1160.4 |
| 150° | 1162.0 | 1162.9 | 1166.3 | 1169.7 | 1173.0 | 1176.3 | 1177.7 | 1178.9 | 1180.2 | 1181.4 | 1181.5 |
| 152.5° | 1181.8 | 1182.5 | 1185.7 | 1188.9 | 1192.1 | 1195.3 | 1196.6 | 1197.8 | 1199.2 | 1200.4 | 1200.3 |
| 155° | 1210.5 | 1210.9 | 1213.4 | 1215.8 | 1218.4 | 1220.9 | 1222.2 | 1223.4 | 1224.8 | 1226.0 | 1225.7 |
| 157.5° | 1235.0 | 1235.1 | 1236.9 | 1238.6 | 1240.4 | 1242.2 | 1243.6 | 1245.0 | 1246.4 | 1247.9 | 1247.8 |
| 160° | 1250.0 | 1250.0 | 1251.2 | 1252.5 | 1253.8 | 1255.1 | 1256.3 | 1257.6 | 1258.8 | 1260.1 | 1260.0 |
| 162.5° | 1262.1 | 1262.0 | 1263.1 | 1264.3 | 1265.3 | 1266.4 | 1267.8 | 1269.3 | 1270.7 | 1272.2 | 1271.9 |
| 165° | 1278.4 | 1278.1 | 1278.7 | 1279.4 | 1280.1 | 1280.7 | 1282.1 | 1283.6 | 1285.0 | 1286.6 | 1286.6 |
| 167.5° | 1290.6 | 1290.2 | 1290.8 | 1291.4 | 1292.0 | 1292.6 | 1294.1 | 1295.6 | 1297.0 | 1298.5 | 1298.2 |
| 170° | 1297.4 | 1297.0 | 1297.4 | 1297.8 | 1298.2 | 1298.7 | 1300.1 | 1301.6 | 1303.1 | 1304.6 | 1304.3 |
| 172.5° | 1302.0 | 1301.5 | 1302.0 | 1302.3 | 1302.8 | 1303.2 | 1304.7 | 1306.2 | 1307.6 | 1309.1 | 1308.9 |
| 175° | 1307.0 | 1306.4 | 1306.9 | 1307.3 | 1307.7 | 1308.1 | 1309.7 | 1311.1 | 1312.6 | 1314.0 | 1313.8 |
| 177.5° | 1309.1 | 1308.6 | 1308.8 | 1308.9 | 1309.1 | 1309.3 | 1310.5 | 1311.6 | 1312.8 | 1314.0 | 1313.8 |
| 180° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5° | 1705.4 | 1704.3 | 1704.3 | 1699.4 | 1704.3 | 1704.3 | 1705.4 | 1710.8 | 1712.5 | 1713.6 | 1711.5 |
| 5° | 1582.0 | 1579.9 | 1576.5 | 1579.9 | 1576.5 | 1579.9 | 1582.0 | 1591.5 | 1596.3 | 1601.2 | 1605.3 |
| 7.5° | 1459.9 | 1451.7 | 1450.5 | 1442.4 | 1450.5 | 1451.7 | 1459.9 | 1464.5 | 1474.0 | 1484.8 | 1494.7 |
| 10° | 1370.8 | 1365.4 | 1364.7 | 1351.7 | 1364.7 | 1365.4 | 1370.8 | 1382.4 | 1392.0 | 1405.0 | 1418.6 |
| 12.5° | 1303.1 | 1289.9 | 1292.5 | 1285.0 | 1292.5 | 1289.9 | 1303.1 | 1303.1 | 1314.4 | 1322.4 | 1343.8 |
| 15° | 1185.6 | 1185.6 | 1182.9 | 1171.3 | 1182.9 | 1185.6 | 1185.6 | 1204.1 | 1207.5 | 1220.5 | 1238.9 |
| 17.5° | 1101.4 | 1099.9 | 1093.4 | 1096.6 | 1093.4 | 1099.9 | 1101.4 | 1114.8 | 1117.1 | 1134.5 | 1149.7 |
| 20° | 1051.0 | 1047.0 | 1038.8 | 1038.8 | 1038.8 | 1047.0 | 1051.0 | 1058.5 | 1067.4 | 1077.6 | 1090.7 |
| 22.5° | 1003.4 | 1003.2 | 994.4 | 997.2 | 994.4 | 1003.2 | 1003.4 | 1010.4 | 1018.8 | 1030.1 | 1040.9 |
| 25° | 947.8 | 942.4 | 938.3 | 940.3 | 938.3 | 942.4 | 947.8 | 948.5 | 958.1 | 965.6 | 972.4 |
| 27.5° | 895.1 | 892.1 | 891.8 | 886.2 | 891.8 | 892.1 | 895.1 | 896.9 | 902.3 | 906.7 | 913.1 |
| 30° | 864.4 | 857.6 | 859.0 | 855.6 | 859.0 | 857.6 | 864.4 | 865.1 | 867.9 | 870.6 | 878.2 |
| 32.5° | 829.5 | 827.0 | 825.6 | 822.8 | 825.6 | 827.0 | 829.5 | 830.7 | 836.2 | 838.9 | 844.8 |
| 35° | 781.8 | 782.5 | 779.0 | 780.4 | 779.0 | 782.5 | 781.8 | 783.1 | 783.8 | 786.6 | 792.0 |
| 37.5° | 740.1 | 742.3 | 740.7 | 741.0 | 740.7 | 742.3 | 740.1 | 740.7 | 741.5 | 741.9 | 743.5 |
| 40° | 712.7 | 712.7 | 712.7 | 714.8 | 712.7 | 712.7 | 712.7 | 710.7 | 711.4 | 710.7 | 710.7 |
| 42.5° | 686.5 | 685.5 | 684.3 | 684.2 | 684.3 | 685.5 | 686.5 | 681.7 | 684.0 | 681.7 | 680.6 |
| 45° | 641.7 | 643.7 | 644.4 | 641.0 | 644.4 | 643.7 | 641.7 | 640.3 | 638.3 | 637.6 | 636.9 |
| 47.5° | 601.1 | 601.4 | 601.1 | 604.1 | 601.1 | 601.4 | 601.1 | 599.3 | 596.2 | 594.9 | 591.7 |
| 50° | 572.7 | 571.3 | 572.7 | 571.3 | 572.7 | 571.3 | 572.7 | 569.3 | 567.2 | 563.7 | 561.1 |
| 52.5° | 542.6 | 542.9 | 542.1 | 541.8 | 542.1 | 542.9 | 542.6 | 538.1 | 537.2 | 535.9 | 531.5 |
| 55° | 495.4 | 496.8 | 496.1 | 496.1 | 496.1 | 496.8 | 495.4 | 492.7 | 492.0 | 487.9 | 483.8 |
| 57.5° | 446.7 | 447.9 | 448.8 | 445.9 | 448.8 | 447.9 | 446.7 | 446.2 | 445.9 | 441.5 | 437.1 |
| 60° | 412.8 | 416.2 | 415.4 | 414.1 | 415.4 | 416.2 | 412.8 | 413.4 | 411.3 | 408.7 | 405.9 |
| 62.5° | 381.6 | 382.8 | 382.7 | 382.5 | 382.7 | 382.8 | 381.6 | 378.4 | 377.5 | 374.8 | 372.0 |
| 65° | 333.5 | 334.8 | 332.8 | 334.8 | 332.8 | 334.8 | 333.5 | 331.4 | 326.6 | 325.3 | 322.5 |
| 67.5° | 281.7 | 282.1 | 283.6 | 284.5 | 283.6 | 282.1 | 281.7 | 282.5 | 279.4 | 276.8 | 276.3 |
| 70° | 249.4 | 248.8 | 250.8 | 252.9 | 250.8 | 248.8 | 249.4 | 248.1 | 246.0 | 244.0 | 241.2 |
| 72.5° | 215.5 | 217.0 | 216.3 | 217.8 | 216.3 | 217.0 | 215.5 | 215.8 | 213.7 | 211.2 | 208.4 |
| 75° | 166.0 | 168.1 | 167.5 | 169.5 | 167.5 | 168.1 | 166.0 | 167.5 | 166.0 | 163.4 | 160.6 |
| 77.5° | 120.0 | 120.3 | 120.0 | 121.1 | 120.0 | 120.3 | 120.0 | 121.1 | 119.6 | 120.6 | 117.4 |
| 80° | 91.6 | 90.2 | 88.8 | 91.6 | 88.8 | 90.2 | 91.6 | 91.6 | 89.5 | 91.6 | 89.5 |
| 82.5° | 63.7 | 64.5 | 63.1 | 63.1 | 63.1 | 64.5 | 63.7 | 65.4 | 64.4 | 65.4 | 63.3 |
| 85° | 29.4 | 28.7 | 27.4 | 27.4 | 27.4 | 28.7 | 29.4 | 29.4 | 31.5 | 30.1 | 30.1 |
| 87.5° | 10.3 | 9.9 | 10.0 | 9.5 | 10.0 | 9.9 | 10.3 | 10.3 | 10.1 | 11.0 | 10.8 |
| 90° | 24.3 | 24.8 | 25.1 | 25.6 | 25.1 | 24.8 | 24.3 | 23.9 | 23.2 | 22.1 | 21.0 |
| 92.5° | 24.9 | 25.1 | 25.3 | 25.6 | 25.3 | 25.1 | 24.9 | 24.6 | 24.2 | 23.6 | 23.1 |
| 95° | 41.4 | 41.2 | 40.9 | 40.8 | 40.9 | 41.2 | 41.4 | 41.6 | 41.2 | 40.1 | 39.1 |
| 97.5° | 53.7 | 53.9 | 54.1 | 54.4 | 54.1 | 53.9 | 53.7 | 53.4 | 52.9 | 52.0 | 51.2 |
| 100° | 62.2 | 62.7 | 63.1 | 63.5 | 63.1 | 62.7 | 62.2 | 61.8 | 60.8 | 59.1 | 57.4 |
| 102.5° | 66.3 | 66.9 | 67.5 | 68.0 | 67.5 | 66.9 | 66.3 | 65.7 | 64.3 | 62.2 | 59.9 |
| 105° | 69.6 | 70.4 | 71.2 | 72.1 | 71.2 | 70.4 | 69.6 | 68.7 | 67.1 | 64.7 | 62.4 |
| 107.5° | 71.6 | 72.4 | 73.3 | 74.1 | 73.3 | 72.4 | 71.6 | 70.8 | 71.5 | 73.8 | 76.2 |
| 110° | 72.3 | 73.2 | 74.0 | 74.9 | 74.0 | 73.2 | 72.3 | 71.5 | 81.6 | 102.7 | 123.8 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 73.7 | 74.3 | 75.0 | 75.6 | 75.0 | 74.3 | 73.7 | 72.9 | 111.0 | 187.9 | 264.7 |
| 115° | 123.2 | 108.1 | 92.9 | 77.8 | 92.9 | 108.1 | 123.2 | 138.4 | 194.7 | 292.3 | 389.8 |
| 117.5° | 466.9 | 417.1 | 367.2 | 317.4 | 367.2 | 417.1 | 466.9 | 516.7 | 553.5 | 577.0 | 600.7 |
| 120° | 663.5 | 635.1 | 606.6 | 578.3 | 606.6 | 635.1 | 663.5 | 692.0 | 705.0 | 702.4 | 699.9 |
| 122.5° | 738.2 | 732.6 | 727.1 | 721.6 | 727.1 | 732.6 | 738.2 | 743.6 | 745.6 | 744.1 | 742.6 |
| 125° | 808.6 | 809.2 | 809.9 | 810.5 | 809.9 | 809.2 | 808.6 | 808.0 | 806.9 | 805.4 | 804.0 |
| 127.5° | 866.2 | 866.4 | 866.5 | 866.6 | 866.5 | 866.4 | 866.2 | 866.1 | 865.0 | 862.8 | 860.7 |
| 130° | 902.1 | 901.9 | 901.7 | 901.5 | 901.7 | 901.9 | 902.1 | 902.3 | 901.3 | 898.9 | 896.6 |
| 132.5° | 936.2 | 936.0 | 935.9 | 935.6 | 935.9 | 936.0 | 936.2 | 936.5 | 935.6 | 933.6 | 931.6 |
| 135° | 986.1 | 985.7 | 985.3 | 984.9 | 985.3 | 985.7 | 986.1 | 986.6 | 985.7 | 983.6 | 981.5 |
| 137.5° | 1032.0 | 1031.3 | 1030.6 | 1029.8 | 1030.6 | 1031.3 | 1032.0 | 1032.7 | 1032.0 | 1029.9 | 1027.9 |
| 140° | 1061.0 | 1060.0 | 1058.9 | 1057.9 | 1058.9 | 1060.0 | 1061.0 | 1062.1 | 1061.7 | 1059.8 | 1057.9 |
| 142.5° | 1088.3 | 1087.3 | 1086.3 | 1085.2 | 1086.3 | 1087.3 | 1088.3 | 1089.4 | 1089.0 | 1087.4 | 1085.6 |
| 145° | 1126.5 | 1125.4 | 1124.4 | 1123.3 | 1124.4 | 1125.4 | 1126.5 | 1127.5 | 1127.3 | 1125.8 | 1124.4 |
| 147.5° | 1159.5 | 1158.6 | 1157.7 | 1156.8 | 1157.7 | 1158.6 | 1159.5 | 1160.4 | 1160.3 | 1159.2 | 1158.1 |
| 150° | 1180.4 | 1179.5 | 1178.4 | 1177.3 | 1178.4 | 1179.5 | 1180.4 | 1181.5 | 1181.4 | 1180.2 | 1178.9 |
| 152.5° | 1198.9 | 1197.6 | 1196.1 | 1194.8 | 1196.1 | 1197.6 | 1198.9 | 1200.3 | 1200.4 | 1199.2 | 1197.8 |
| 155° | 1224.1 | 1222.4 | 1220.8 | 1219.1 | 1220.8 | 1222.4 | 1224.1 | 1225.7 | 1226.0 | 1224.8 | 1223.4 |
| 157.5° | 1246.2 | 1244.5 | 1242.9 | 1241.2 | 1242.9 | 1244.5 | 1246.2 | 1247.8 | 1247.9 | 1246.4 | 1245.0 |
| 160° | 1258.6 | 1257.0 | 1255.6 | 1254.1 | 1255.6 | 1257.0 | 1258.6 | 1260.0 | 1260.1 | 1258.8 | 1257.6 |
| 162.5° | 1270.2 | 1268.4 | 1266.5 | 1264.7 | 1266.5 | 1268.4 | 1270.2 | 1271.9 | 1272.2 | 1270.7 | 1269.3 |
| 165° | 1285.0 | 1283.6 | 1282.1 | 1280.7 | 1282.1 | 1283.6 | 1285.0 | 1286.6 | 1286.6 | 1285.0 | 1283.6 |
| 167.5° | 1296.4 | 1294.5 | 1292.6 | 1290.7 | 1292.6 | 1294.5 | 1296.4 | 1298.2 | 1298.5 | 1297.0 | 1295.6 |
| 170° | 1302.4 | 1300.6 | 1298.7 | 1296.7 | 1298.7 | 1300.6 | 1302.4 | 1304.3 | 1304.6 | 1303.1 | 1301.6 |
| 172.5° | 1307.0 | 1305.1 | 1303.2 | 1301.3 | 1303.2 | 1305.1 | 1307.0 | 1308.9 | 1309.1 | 1307.6 | 1306.2 |
| 175° | 1311.6 | 1309.5 | 1307.4 | 1305.3 | 1307.4 | 1309.5 | 1311.6 | 1313.8 | 1314.0 | 1312.6 | 1311.1 |
| 177.5° | 1312.3 | 1310.8 | 1309.3 | 1307.8 | 1309.3 | 1310.8 | 1312.3 | 1313.8 | 1314.0 | 1312.8 | 1311.6 |
| 180° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5° | 1708.7 | 1714.7 | 1724.0 | 1733.8 | 1739.8 | 1751.3 | 1754.6 | 1760.1 | 1765.0 | 1776.5 | 1788.5 |
| 5° | 1610.0 | 1619.6 | 1642.1 | 1654.4 | 1671.5 | 1691.3 | 1704.3 | 1718.0 | 1733.0 | 1759.0 | 1782.9 |
| 7.5° | 1504.2 | 1520.2 | 1548.2 | 1571.2 | 1595.5 | 1624.0 | 1644.4 | 1671.5 | 1693.9 | 1730.5 | 1765.5 |
| 10° | 1433.7 | 1456.3 | 1481.6 | 1508.9 | 1543.0 | 1573.1 | 1601.8 | 1635.9 | 1663.3 | 1707.0 | 1748.0 |
| 12.5° | 1370.3 | 1373.7 | 1409.9 | 1440.0 | 1486.7 | 1523.9 | 1557.0 | 1601.0 | 1627.7 | 1679.7 | 1722.9 |
| 15° | 1259.5 | 1280.0 | 1312.8 | 1336.7 | 1392.0 | 1439.1 | 1485.6 | 1531.4 | 1562.2 | 1626.4 | 1683.1 |
| 17.5° | 1166.1 | 1185.0 | 1218.6 | 1257.8 | 1297.5 | 1344.4 | 1404.6 | 1452.9 | 1494.7 | 1568.1 | 1635.1 |
| 20° | 1107.1 | 1130.2 | 1164.5 | 1204.8 | 1239.7 | 1290.8 | 1342.8 | 1398.2 | 1443.2 | 1526.0 | 1604.5 |
| 22.5° | 1056.8 | 1075.0 | 1102.7 | 1142.5 | 1180.5 | 1227.4 | 1284.3 | 1344.6 | 1391.9 | 1481.1 | 1560.8 |
| 25° | 986.1 | 1001.1 | 1018.9 | 1051.7 | 1094.8 | 1146.0 | 1190.4 | 1256.7 | 1325.7 | 1409.1 | 1505.5 |
| 27.5° | 922.4 | 933.1 | 948.8 | 977.6 | 1010.9 | 1058.9 | 1108.3 | 1171.2 | 1240.5 | 1331.1 | 1432.7 |
| 30° | 883.6 | 890.5 | 906.2 | 930.1 | 962.9 | 1000.4 | 1050.3 | 1110.4 | 1181.5 | 1273.1 | 1374.2 |
| 32.5° | 849.7 | 856.0 | 866.2 | 889.0 | 917.5 | 949.6 | 994.5 | 1054.7 | 1122.5 | 1212.5 | 1324.5 |
| 35° | 798.9 | 803.6 | 812.5 | 831.0 | 846.7 | 878.2 | 915.7 | 970.4 | 1033.9 | 1120.1 | 1236.2 |
| 37.5° | 748.1 | 754.7 | 760.2 | 767.9 | 788.2 | 808.9 | 841.5 | 887.7 | 950.0 | 1037.0 | 1147.6 |
| 40° | 714.8 | 720.2 | 728.4 | 731.9 | 748.3 | 766.7 | 793.4 | 835.7 | 898.7 | 977.9 | 1085.8 |
| 42.5° | 680.9 | 686.3 | 691.3 | 695.3 | 709.4 | 725.8 | 749.7 | 786.0 | 841.8 | 918.8 | 1025.7 |
| 45° | 634.8 | 635.5 | 640.3 | 647.8 | 654.7 | 666.3 | 683.4 | 714.8 | 757.9 | 830.3 | 927.3 |
| 47.5° | 588.1 | 588.9 | 589.8 | 593.0 | 600.6 | 611.1 | 622.4 | 648.0 | 686.5 | 744.3 | 838.7 |
| 50° | 557.0 | 555.5 | 557.0 | 559.6 | 564.5 | 573.4 | 586.3 | 604.8 | 636.2 | 690.2 | 776.9 |
| 52.5° | 526.9 | 526.6 | 525.8 | 526.9 | 530.6 | 536.7 | 545.9 | 561.6 | 589.8 | 639.4 | 715.8 |
| 55° | 481.1 | 477.7 | 478.3 | 475.6 | 481.8 | 483.1 | 490.0 | 502.9 | 527.5 | 561.7 | 633.5 |
| 57.5° | 432.3 | 429.4 | 426.4 | 425.6 | 425.1 | 428.7 | 434.2 | 444.4 | 463.3 | 493.3 | 551.4 |
| 60° | 401.1 | 397.7 | 393.6 | 392.3 | 392.3 | 394.3 | 397.1 | 404.6 | 422.3 | 449.0 | 496.8 |
| 62.5° | 369.4 | 365.4 | 363.0 | 359.4 | 358.4 | 360.4 | 363.1 | 368.5 | 381.3 | 406.4 | 447.6 |
| 65° | 320.5 | 315.8 | 312.3 | 311.7 | 310.2 | 308.2 | 309.6 | 315.0 | 325.3 | 345.1 | 377.9 |
| 67.5° | 271.4 | 266.9 | 266.1 | 262.2 | 260.2 | 260.5 | 260.2 | 264.8 | 271.0 | 288.1 | 312.5 |
| 70° | 239.2 | 235.8 | 234.4 | 231.0 | 229.6 | 228.3 | 226.9 | 231.0 | 237.1 | 251.5 | 272.7 |
| 72.5° | 206.3 | 203.5 | 200.5 | 197.6 | 197.9 | 196.5 | 196.3 | 198.8 | 203.8 | 217.0 | 233.3 |
| 75° | 159.3 | 159.9 | 156.5 | 153.1 | 152.4 | 151.1 | 151.1 | 153.1 | 155.2 | 165.4 | 178.3 |
| 77.5° | 115.5 | 114.9 | 112.1 | 111.0 | 110.3 | 108.8 | 110.3 | 111.6 | 112.7 | 119.6 | 129.1 |
| 80° | 88.2 | 88.2 | 84.7 | 84.7 | 84.1 | 82.0 | 84.1 | 82.7 | 85.4 | 92.3 | 99.1 |
| 82.5° | 63.0 | 61.9 | 61.8 | 60.7 | 60.5 | 59.0 | 60.0 | 61.3 | 62.4 | 67.1 | 71.2 |
| 85° | 30.8 | 30.8 | 30.1 | 29.4 | 30.1 | 29.4 | 30.1 | 30.8 | 31.5 | 33.5 | 36.9 |
| 87.5° | 10.5 | 10.9 | 11.1 | 11.3 | 11.0 | 11.1 | 11.3 | 11.4 | 12.0 | 12.1 | 12.2 |
| 90° | 20.0 | 19.0 | 17.3 | 15.6 | 13.9 | 12.2 | 10.3 | 7.9 | 5.6 | 3.3 | 1.0 |
| 92.5° | 22.6 | 22.0 | 21.1 | 20.3 | 19.4 | 18.6 | 18.3 | 18.5 | 18.7 | 18.9 | 19.2 |
| 95° | 38.0 | 37.0 | 35.5 | 34.1 | 32.5 | 31.0 | 33.8 | 40.8 | 47.7 | 54.7 | 61.6 |
| 97.5° | 50.3 | 49.5 | 46.1 | 42.6 | 39.2 | 35.8 | 44.0 | 63.5 | 83.1 | 102.7 | 122.3 |
| 100° | 55.7 | 54.0 | 50.5 | 46.9 | 43.2 | 39.7 | 52.3 | 81.2 | 110.0 | 138.9 | 167.8 |
| 102.5° | 57.8 | 55.6 | 85.5 | 115.5 | 145.4 | 175.4 | 193.4 | 199.5 | 205.6 | 211.7 | 217.8 |
| 105° | 60.1 | 57.8 | 115.3 | 172.8 | 230.3 | 287.8 | 313.4 | 307.1 | 300.8 | 294.5 | 288.2 |
| 107.5° | 78.6 | 81.0 | 149.9 | 218.9 | 287.8 | 356.9 | 388.8 | 383.6 | 378.5 | 373.4 | 368.4 |
| 110° | 144.8 | 165.9 | 226.8 | 287.7 | 348.5 | 409.4 | 437.7 | 433.2 | 428.8 | 424.4 | 419.9 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 341.6 | 418.4 | 433.5 | 448.5 | 463.5 | 478.6 | 484.1 | 480.2 | 476.3 | 472.4 | 468.5 |
| 115° | 487.3 | 584.9 | 579.6 | 574.4 | 569.1 | 563.8 | 559.4 | 555.8 | 552.2 | 548.7 | 545.1 |
| 117.5° | 624.2 | 647.8 | 644.2 | 640.6 | 636.9 | 633.3 | 629.5 | 625.5 | 621.5 | 617.5 | 613.5 |
| 120° | 697.3 | 694.8 | 691.1 | 687.2 | 683.5 | 679.7 | 676.2 | 673.1 | 669.9 | 666.7 | 663.5 |
| 122.5° | 741.1 | 739.6 | 735.5 | 731.3 | 727.2 | 723.1 | 719.3 | 716.0 | 712.7 | 709.4 | 706.1 |
| 125° | 802.5 | 801.0 | 797.0 | 793.0 | 789.0 | 785.0 | 781.6 | 778.9 | 776.1 | 773.4 | 770.7 |
| 127.5° | 858.5 | 856.4 | 853.4 | 850.3 | 847.4 | 844.4 | 841.4 | 838.4 | 835.4 | 832.3 | 829.3 |
| 130° | 894.3 | 892.0 | 889.7 | 887.3 | 885.0 | 882.7 | 879.9 | 876.6 | 873.2 | 869.8 | 866.4 |
| 132.5° | 929.6 | 927.6 | 925.3 | 923.0 | 920.7 | 918.4 | 915.8 | 912.9 | 910.1 | 907.2 | 904.3 |
| 135° | 979.5 | 977.3 | 975.4 | 973.5 | 971.6 | 969.7 | 967.1 | 963.8 | 960.4 | 957.0 | 953.6 |
| 137.5° | 1025.8 | 1023.8 | 1021.6 | 1019.5 | 1017.4 | 1015.1 | 1012.9 | 1010.6 | 1008.2 | 1005.8 | 1003.4 |
| 140° | 1056.0 | 1054.1 | 1051.8 | 1049.5 | 1047.1 | 1044.8 | 1042.9 | 1041.2 | 1039.5 | 1037.8 | 1036.1 |
| 142.5° | 1083.9 | 1082.2 | 1079.5 | 1076.8 | 1074.2 | 1071.6 | 1069.4 | 1067.9 | 1066.4 | 1064.9 | 1063.4 |
| 145° | 1122.8 | 1121.4 | 1117.8 | 1114.2 | 1110.6 | 1107.1 | 1105.4 | 1105.6 | 1105.8 | 1106.0 | 1106.3 |
| 147.5° | 1157.0 | 1155.9 | 1152.4 | 1148.8 | 1145.3 | 1141.7 | 1140.4 | 1141.2 | 1142.0 | 1142.8 | 1143.6 |
| 150° | 1177.7 | 1176.3 | 1173.0 | 1169.7 | 1166.3 | 1162.9 | 1162.0 | 1163.4 | 1164.9 | 1166.4 | 1167.9 |
| 152.5° | 1196.6 | 1195.3 | 1192.1 | 1188.9 | 1185.7 | 1182.5 | 1181.8 | 1183.4 | 1185.0 | 1186.7 | 1188.3 |
| 155° | 1222.2 | 1220.9 | 1218.4 | 1215.8 | 1213.4 | 1210.9 | 1210.5 | 1212.4 | 1214.3 | 1216.2 | 1218.1 |
| 157.5° | 1243.6 | 1242.2 | 1240.4 | 1238.6 | 1236.9 | 1235.1 | 1235.0 | 1236.6 | 1238.2 | 1239.8 | 1241.4 |
| 160° | 1256.3 | 1255.1 | 1253.8 | 1252.5 | 1251.2 | 1250.0 | 1250.0 | 1251.2 | 1252.5 | 1253.8 | 1255.1 |
| 162.5° | 1267.8 | 1266.4 | 1265.3 | 1264.3 | 1263.1 | 1262.0 | 1262.1 | 1263.4 | 1264.6 | 1266.0 | 1267.2 |
| 165° | 1282.1 | 1280.7 | 1280.1 | 1279.4 | 1278.7 | 1278.1 | 1278.4 | 1279.7 | 1280.9 | 1282.2 | 1283.5 |
| 167.5° | 1294.1 | 1292.6 | 1292.0 | 1291.4 | 1290.8 | 1290.2 | 1290.6 | 1291.8 | 1293.1 | 1294.4 | 1295.7 |
| 170° | 1300.1 | 1298.7 | 1298.2 | 1297.8 | 1297.4 | 1297.0 | 1297.4 | 1298.7 | 1299.9 | 1301.2 | 1302.4 |
| 172.5° | 1304.7 | 1303.2 | 1302.8 | 1302.3 | 1302.0 | 1301.5 | 1302.0 | 1303.2 | 1304.5 | 1305.7 | 1307.0 |
| 175° | 1309.7 | 1308.1 | 1307.7 | 1307.3 | 1306.9 | 1306.4 | 1307.0 | 1308.5 | 1309.9 | 1311.4 | 1312.9 |
| 177.5° | 1310.5 | 1309.3 | 1309.1 | 1308.9 | 1308.8 | 1308.6 | 1309.1 | 1310.3 | 1311.4 | 1312.7 | 1313.8 |
| 180° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5° | 1787.4 | 1790.1 | 1798.8 | 1807.7 | 1817.5 | 1820.2 | 1824.6 | 1820.8 | 1819.6 | 1830.1 | 1837.7 |
| 5° | 1792.4 | 1804.7 | 1828.7 | 1850.6 | 1869.0 | 1882.0 | 1895.7 | 1901.1 | 1911.4 | 1925.7 | 1943.5 |
| 7.5° | 1786.7 | 1810.6 | 1848.2 | 1880.1 | 1914.8 | 1939.8 | 1959.4 | 1976.0 | 1996.3 | 2023.5 | 2053.1 |
| 10° | 1780.1 | 1812.3 | 1858.1 | 1897.0 | 1939.4 | 1971.5 | 1998.1 | 2024.1 | 2054.2 | 2091.8 | 2130.7 |
| 12.5° | 1768.2 | 1806.2 | 1863.5 | 1909.6 | 1964.0 | 1995.6 | 2031.5 | 2087.6 | 2119.8 | 2172.1 | 2227.0 |
| 15° | 1743.9 | 1786.3 | 1866.3 | 1923.0 | 1984.5 | 2044.6 | 2110.9 | 2164.2 | 2217.5 | 2248.3 | 2325.5 |
| 17.5° | 1708.0 | 1770.2 | 1858.8 | 1924.9 | 2003.0 | 2097.7 | 2172.3 | 2232.7 | 2294.2 | 2344.0 | 2382.7 |
| 20° | 1679.0 | 1746.7 | 1847.8 | 1927.1 | 2020.0 | 2121.8 | 2207.3 | 2268.8 | 2322.1 | 2363.7 | 2387.6 |
| 22.5° | 1642.4 | 1727.5 | 1826.0 | 1918.9 | 2037.6 | 2138.2 | 2228.0 | 2276.4 | 2320.9 | 2341.4 | 2350.5 |
| 25° | 1584.7 | 1687.2 | 1798.6 | 1912.1 | 2046.0 | 2152.6 | 2234.6 | 2264.0 | 2277.0 | 2257.2 | 2224.4 |
| 27.5° | 1522.5 | 1636.8 | 1767.0 | 1899.2 | 2040.8 | 2143.3 | 2202.1 | 2197.4 | 2175.4 | 2111.3 | 2060.0 |
| 30° | 1476.0 | 1601.8 | 1741.9 | 1886.1 | 2028.2 | 2128.0 | 2162.1 | 2128.0 | 2078.1 | 2006.3 | 1933.2 |
| 32.5° | 1427.5 | 1557.6 | 1715.1 | 1867.5 | 2005.3 | 2093.0 | 2100.4 | 2041.7 | 1964.4 | 1882.8 | 1791.6 |
| 35° | 1353.7 | 1494.5 | 1664.6 | 1826.0 | 1956.5 | 2011.8 | 1979.1 | 1875.2 | 1783.6 | 1672.2 | 1547.8 |
| 37.5° | 1270.5 | 1425.9 | 1596.6 | 1765.1 | 1883.4 | 1897.8 | 1816.4 | 1707.0 | 1577.9 | 1447.0 | 1300.6 |
| 40° | 1208.2 | 1372.9 | 1548.5 | 1718.7 | 1823.2 | 1808.2 | 1704.3 | 1584.0 | 1430.3 | 1270.3 | 1134.3 |
| 42.5° | 1152.4 | 1317.1 | 1496.0 | 1662.9 | 1746.7 | 1705.4 | 1584.0 | 1436.5 | 1271.2 | 1120.6 | 996.0 |
| 45° | 1055.8 | 1225.3 | 1408.5 | 1569.7 | 1617.6 | 1543.0 | 1382.4 | 1218.4 | 1055.8 | 930.1 | 831.7 |
| 47.5° | 962.1 | 1129.6 | 1311.0 | 1452.7 | 1469.6 | 1369.5 | 1194.0 | 1025.2 | 885.4 | 783.0 | 713.5 |
| 50° | 893.1 | 1061.2 | 1241.0 | 1367.4 | 1361.9 | 1241.0 | 1060.6 | 900.0 | 783.1 | 700.4 | 654.0 |
| 52.5° | 831.3 | 990.2 | 1162.8 | 1277.7 | 1248.8 | 1116.9 | 944.7 | 802.1 | 706.1 | 641.4 | 599.3 |
| 55° | 735.3 | 882.3 | 1046.2 | 1138.4 | 1085.2 | 939.0 | 793.4 | 678.6 | 607.5 | 559.0 | 526.2 |
| 57.5° | 639.9 | 777.7 | 918.0 | 974.9 | 916.0 | 781.0 | 659.6 | 576.3 | 522.9 | 487.0 | 465.7 |
| 60° | 580.9 | 701.2 | 826.2 | 875.4 | 805.0 | 684.7 | 589.1 | 514.6 | 471.5 | 442.1 | 423.0 |
| 62.5° | 521.8 | 629.5 | 747.4 | 774.3 | 709.9 | 608.2 | 523.4 | 461.5 | 426.1 | 400.0 | 382.0 |
| 65° | 441.5 | 529.6 | 619.1 | 636.9 | 577.5 | 498.8 | 431.9 | 391.6 | 360.2 | 341.0 | 326.6 |
| 67.5° | 362.0 | 432.8 | 496.2 | 510.6 | 458.5 | 404.0 | 355.6 | 320.5 | 299.2 | 283.3 | 271.2 |
| 70° | 315.0 | 371.0 | 423.0 | 434.6 | 393.0 | 344.4 | 307.6 | 279.5 | 260.4 | 246.7 | 235.1 |
| 72.5° | 265.3 | 312.0 | 355.2 | 363.0 | 329.0 | 291.9 | 261.6 | 239.6 | 222.7 | 213.9 | 202.9 |
| 75° | 203.0 | 230.3 | 263.8 | 265.8 | 243.3 | 220.7 | 197.5 | 183.2 | 174.2 | 163.4 | 157.8 |
| 77.5° | 143.2 | 164.7 | 183.8 | 187.5 | 174.2 | 158.8 | 145.8 | 134.5 | 127.0 | 121.9 | 116.8 |
| 80° | 109.3 | 126.4 | 134.6 | 139.4 | 129.8 | 118.9 | 111.4 | 103.9 | 99.1 | 95.7 | 92.3 |
| 82.5° | 78.2 | 88.7 | 96.4 | 100.0 | 94.9 | 88.3 | 80.8 | 76.5 | 72.9 | 70.0 | 68.8 |
| 85° | 39.6 | 44.4 | 49.2 | 50.6 | 49.2 | 46.5 | 42.4 | 42.4 | 40.3 | 39.6 | 39.6 |
| 87.5° | 14.4 | 16.9 | 17.5 | 19.5 | 18.8 | 19.2 | 19.5 | 19.4 | 19.1 | 18.7 | 18.5 |
| 90° | 3.3 | 5.6 | 7.9 | 10.3 | 12.2 | 13.9 | 15.6 | 17.3 | 19.0 | 20.0 | 21.0 |
| 92.5° | 18.9 | 18.7 | 18.5 | 18.3 | 18.6 | 19.4 | 20.3 | 21.1 | 22.0 | 22.6 | 23.1 |
| 95° | 54.7 | 47.7 | 40.8 | 33.8 | 31.0 | 32.5 | 34.1 | 35.5 | 37.0 | 38.0 | 39.1 |
| 97.5° | 102.7 | 83.1 | 63.5 | 44.0 | 35.8 | 39.2 | 42.6 | 46.1 | 49.5 | 50.3 | 51.2 |
| 100° | 138.9 | 110.0 | 81.2 | 52.3 | 39.7 | 43.2 | 46.9 | 50.5 | 54.0 | 55.7 | 57.4 |
| 102.5° | 211.7 | 205.6 | 199.5 | 193.4 | 175.4 | 145.4 | 115.5 | 85.5 | 55.6 | 57.8 | 59.9 |
| 105° | 294.5 | 300.8 | 307.1 | 313.4 | 287.8 | 230.3 | 172.8 | 115.3 | 57.8 | 60.1 | 62.4 |
| 107.5° | 373.4 | 378.5 | 383.6 | 388.8 | 356.9 | 287.8 | 218.9 | 149.9 | 81.0 | 78.6 | 76.2 |
| 110° | 424.4 | 428.8 | 433.2 | 437.7 | 409.4 | 348.5 | 287.7 | 226.8 | 165.9 | 144.8 | 123.8 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 472.4 | 476.3 | 480.2 | 484.1 | 478.6 | 463.5 | 448.5 | 433.5 | 418.4 | 341.6 | 264.7 |
| 115° | 548.7 | 552.2 | 555.8 | 559.4 | 563.8 | 569.1 | 574.4 | 579.6 | 584.9 | 487.3 | 389.8 |
| 117.5° | 617.5 | 621.5 | 625.5 | 629.5 | 633.3 | 636.9 | 640.6 | 644.2 | 647.8 | 624.2 | 600.7 |
| 120° | 666.7 | 669.9 | 673.1 | 676.2 | 679.7 | 683.5 | 687.2 | 691.1 | 694.8 | 697.3 | 699.9 |
| 122.5° | 709.4 | 712.7 | 716.0 | 719.3 | 723.1 | 727.2 | 731.3 | 735.5 | 739.6 | 741.1 | 742.6 |
| 125° | 773.4 | 776.1 | 778.9 | 781.6 | 785.0 | 789.0 | 793.0 | 797.0 | 801.0 | 802.5 | 804.0 |
| 127.5° | 832.3 | 835.4 | 838.4 | 841.4 | 844.4 | 847.4 | 850.3 | 853.4 | 856.4 | 858.5 | 860.7 |
| 130° | 869.8 | 873.2 | 876.6 | 879.9 | 882.7 | 885.0 | 887.3 | 889.7 | 892.0 | 894.3 | 896.6 |
| 132.5° | 907.2 | 910.1 | 912.9 | 915.8 | 918.4 | 920.7 | 923.0 | 925.3 | 927.6 | 929.6 | 931.6 |
| 135° | 957.0 | 960.4 | 963.8 | 967.1 | 969.7 | 971.6 | 973.5 | 975.4 | 977.3 | 979.5 | 981.5 |
| 137.5° | 1005.8 | 1008.2 | 1010.6 | 1012.9 | 1015.1 | 1017.4 | 1019.5 | 1021.6 | 1023.8 | 1025.8 | 1027.9 |
| 140° | 1037.8 | 1039.5 | 1041.2 | 1042.9 | 1044.8 | 1047.1 | 1049.5 | 1051.8 | 1054.1 | 1056.0 | 1057.9 |
| 142.5° | 1064.9 | 1066.4 | 1067.9 | 1069.4 | 1071.6 | 1074.2 | 1076.8 | 1079.5 | 1082.2 | 1083.9 | 1085.6 |
| 145° | 1106.0 | 1105.8 | 1105.6 | 1105.4 | 1107.1 | 1110.6 | 1114.2 | 1117.8 | 1121.4 | 1122.8 | 1124.4 |
| 147.5° | 1142.8 | 1142.0 | 1141.2 | 1140.4 | 1141.7 | 1145.3 | 1148.8 | 1152.4 | 1155.9 | 1157.0 | 1158.1 |
| 150° | 1166.4 | 1164.9 | 1163.4 | 1162.0 | 1162.9 | 1166.3 | 1169.7 | 1173.0 | 1176.3 | 1177.7 | 1178.9 |
| 152.5° | 1186.7 | 1185.0 | 1183.4 | 1181.8 | 1182.5 | 1185.7 | 1188.9 | 1192.1 | 1195.3 | 1196.6 | 1197.8 |
| 155° | 1216.2 | 1214.3 | 1212.4 | 1210.5 | 1210.9 | 1213.4 | 1215.8 | 1218.4 | 1220.9 | 1222.2 | 1223.4 |
| 157.5° | 1239.8 | 1238.2 | 1236.6 | 1235.0 | 1235.1 | 1236.9 | 1238.6 | 1240.4 | 1242.2 | 1243.6 | 1245.0 |
| 160° | 1253.8 | 1252.5 | 1251.2 | 1250.0 | 1250.0 | 1251.2 | 1252.5 | 1253.8 | 1255.1 | 1256.3 | 1257.6 |
| 162.5° | 1266.0 | 1264.6 | 1263.4 | 1262.1 | 1262.0 | 1263.1 | 1264.3 | 1265.3 | 1266.4 | 1267.8 | 1269.3 |
| 165° | 1282.2 | 1280.9 | 1279.7 | 1278.4 | 1278.1 | 1278.7 | 1279.4 | 1280.1 | 1280.7 | 1282.1 | 1283.6 |
| 167.5° | 1294.4 | 1293.1 | 1291.8 | 1290.6 | 1290.2 | 1290.8 | 1291.4 | 1292.0 | 1292.6 | 1294.1 | 1295.6 |
| 170° | 1301.2 | 1299.9 | 1298.7 | 1297.4 | 1297.0 | 1297.4 | 1297.8 | 1298.2 | 1298.7 | 1300.1 | 1301.6 |
| 172.5° | 1305.7 | 1304.5 | 1303.2 | 1302.0 | 1301.5 | 1302.0 | 1302.3 | 1302.8 | 1303.2 | 1304.7 | 1306.2 |
| 175° | 1311.4 | 1309.9 | 1308.5 | 1307.0 | 1306.4 | 1306.9 | 1307.3 | 1307.7 | 1308.1 | 1309.7 | 1311.1 |
| 177.5° | 1312.7 | 1311.4 | 1310.3 | 1309.1 | 1308.6 | 1308.8 | 1308.9 | 1309.1 | 1309.3 | 1310.5 | 1311.6 |
| 180° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 | 1778.1 |
| 2.5° | 1844.2 | 1851.9 | 1851.9 | 1853.0 | 1861.7 | 1860.6 | 1860.1 |
| 5° | 1962.7 | 1974.2 | 1975.6 | 1987.9 | 1996.1 | 1993.3 | 1985.8 |
| 7.5° | 2074.3 | 2095.9 | 2112.3 | 2121.5 | 2132.3 | 2138.9 | 2135.9 |
| 10° | 2162.8 | 2194.3 | 2213.4 | 2226.4 | 2242.1 | 2253.7 | 2249.6 |
| 12.5° | 2243.2 | 2280.6 | 2306.9 | 2329.1 | 2331.2 | 2346.1 | 2336.0 |
| 15° | 2368.6 | 2408.2 | 2412.3 | 2428.7 | 2441.7 | 2440.3 | 2441.0 |
| 17.5° | 2409.9 | 2422.7 | 2425.3 | 2425.6 | 2425.8 | 2421.0 | 2410.7 |
| 20° | 2395.2 | 2390.4 | 2378.8 | 2369.9 | 2354.2 | 2352.2 | 2338.5 |
| 22.5° | 2325.2 | 2310.1 | 2280.9 | 2261.6 | 2237.2 | 2230.8 | 2227.0 |
| 25° | 2187.5 | 2153.9 | 2107.5 | 2063.1 | 2050.8 | 2026.9 | 2033.7 |
| 27.5° | 1998.4 | 1946.2 | 1896.0 | 1859.8 | 1827.2 | 1791.4 | 1801.6 |
| 30° | 1865.5 | 1806.8 | 1735.7 | 1681.1 | 1646.2 | 1612.0 | 1605.9 |
| 32.5° | 1707.0 | 1621.0 | 1541.7 | 1493.5 | 1440.1 | 1418.5 | 1394.9 |
| 35° | 1433.7 | 1349.6 | 1271.0 | 1203.4 | 1164.5 | 1134.3 | 1107.1 |
| 37.5° | 1187.8 | 1091.1 | 1027.6 | 972.9 | 944.7 | 927.5 | 931.8 |
| 40° | 1035.3 | 950.6 | 904.1 | 862.4 | 836.4 | 824.1 | 826.9 |
| 42.5° | 911.8 | 848.3 | 810.0 | 781.5 | 763.2 | 756.3 | 754.7 |
| 45° | 771.5 | 736.0 | 704.5 | 688.1 | 679.3 | 671.7 | 667.0 |
| 47.5° | 675.8 | 646.8 | 629.1 | 619.4 | 611.6 | 604.0 | 603.8 |
| 50° | 618.4 | 599.3 | 587.0 | 576.8 | 570.6 | 565.2 | 569.9 |
| 52.5° | 574.7 | 557.2 | 544.9 | 535.7 | 533.4 | 528.5 | 528.3 |
| 55° | 509.8 | 496.1 | 487.2 | 479.0 | 474.9 | 472.2 | 468.8 |
| 57.5° | 450.8 | 437.7 | 429.5 | 424.4 | 416.6 | 413.8 | 412.8 |
| 60° | 408.7 | 398.4 | 390.2 | 383.3 | 380.0 | 374.5 | 374.5 |
| 62.5° | 369.8 | 359.6 | 352.0 | 346.7 | 341.2 | 338.9 | 339.5 |
| 65° | 313.7 | 305.5 | 297.9 | 292.5 | 291.1 | 287.0 | 288.4 |
| 67.5° | 262.0 | 256.5 | 248.6 | 245.6 | 243.0 | 240.9 | 239.2 |
| 70° | 227.6 | 222.1 | 218.0 | 213.9 | 211.9 | 211.9 | 211.9 |
| 72.5° | 198.6 | 192.0 | 189.6 | 184.4 | 185.6 | 183.4 | 181.2 |
| 75° | 153.7 | 149.6 | 147.6 | 145.5 | 142.1 | 142.1 | 142.1 |
| 77.5° | 113.2 | 111.9 | 109.5 | 107.3 | 106.5 | 105.8 | 106.0 |
| 80° | 87.5 | 86.8 | 85.4 | 85.4 | 84.1 | 83.4 | 82.0 |
| 82.5° | 67.2 | 65.5 | 64.6 | 64.1 | 63.8 | 63.7 | 63.4 |
| 85° | 38.3 | 36.9 | 36.9 | 37.5 | 36.2 | 36.2 | 36.9 |
| 87.5° | 19.2 | 19.4 | 19.0 | 19.1 | 19.7 | 19.3 | 19.4 |
| 90° | 22.1 | 23.2 | 23.9 | 24.3 | 24.8 | 25.1 | 25.6 |
| 92.5° | 23.6 | 24.2 | 24.6 | 24.9 | 25.1 | 25.3 | 25.6 |
| 95° | 40.1 | 41.2 | 41.6 | 41.4 | 41.2 | 40.9 | 40.8 |
| 97.5° | 52.0 | 52.9 | 53.4 | 53.7 | 53.9 | 54.1 | 54.4 |
| 100° | 59.1 | 60.8 | 61.8 | 62.2 | 62.7 | 63.1 | 63.5 |
| 102.5° | 62.2 | 64.3 | 65.7 | 66.3 | 66.9 | 67.5 | 68.0 |
| 105° | 64.7 | 67.1 | 68.7 | 69.6 | 70.4 | 71.2 | 72.1 |
| 107.5° | 73.8 | 71.5 | 70.8 | 71.6 | 72.4 | 73.3 | 74.1 |
| 110° | 102.7 | 81.6 | 71.5 | 72.3 | 73.2 | 74.0 | 74.9 |



TEST NUMBER: P331456-940

CATALOG NUMBER: S122DIP-S1005D1080U940-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 187.9 | 111.0 | 72.9 | 73.7 | 74.3 | 75.0 | 75.6 |
| 115° | 292.3 | 194.7 | 138.4 | 123.2 | 108.1 | 92.9 | 77.8 |
| 117.5° | 577.0 | 553.5 | 516.7 | 466.9 | 417.1 | 367.2 | 317.4 |
| 120° | 702.4 | 705.0 | 692.0 | 663.5 | 635.1 | 606.6 | 578.3 |
| 122.5° | 744.1 | 745.6 | 743.6 | 738.2 | 732.6 | 727.1 | 721.6 |
| 125° | 805.4 | 806.9 | 808.0 | 808.6 | 809.2 | 809.9 | 810.5 |
| 127.5° | 862.8 | 865.0 | 866.1 | 866.2 | 866.4 | 866.5 | 866.6 |
| 130° | 898.9 | 901.3 | 902.3 | 902.1 | 901.9 | 901.7 | 901.5 |
| 132.5° | 933.6 | 935.6 | 936.5 | 936.2 | 936.0 | 935.9 | 935.6 |
| 135° | 983.6 | 985.7 | 986.6 | 986.1 | 985.7 | 985.3 | 984.9 |
| 137.5° | 1029.9 | 1032.0 | 1032.7 | 1032.0 | 1031.3 | 1030.6 | 1029.8 |
| 140° | 1059.8 | 1061.7 | 1062.1 | 1061.0 | 1060.0 | 1058.9 | 1057.9 |
| 142.5° | 1087.4 | 1089.0 | 1089.4 | 1088.3 | 1087.3 | 1086.3 | 1085.2 |
| 145° | 1125.8 | 1127.3 | 1127.5 | 1126.5 | 1125.4 | 1124.4 | 1123.3 |
| 147.5° | 1159.2 | 1160.3 | 1160.4 | 1159.5 | 1158.6 | 1157.7 | 1156.8 |
| 150° | 1180.2 | 1181.4 | 1181.5 | 1180.4 | 1179.5 | 1178.4 | 1177.3 |
| 152.5° | 1199.2 | 1200.4 | 1200.3 | 1198.9 | 1197.6 | 1196.1 | 1194.8 |
| 155° | 1224.8 | 1226.0 | 1225.7 | 1224.1 | 1222.4 | 1220.8 | 1219.1 |
| 157.5° | 1246.4 | 1247.9 | 1247.8 | 1246.2 | 1244.5 | 1242.9 | 1241.2 |
| 160° | 1258.8 | 1260.1 | 1260.0 | 1258.6 | 1257.0 | 1255.6 | 1254.1 |
| 162.5° | 1270.7 | 1272.2 | 1271.9 | 1270.2 | 1268.4 | 1266.5 | 1264.7 |
| 165° | 1285.0 | 1286.6 | 1286.6 | 1285.0 | 1283.6 | 1282.1 | 1280.7 |
| 167.5° | 1297.0 | 1298.5 | 1298.2 | 1296.4 | 1294.5 | 1292.6 | 1290.7 |
| 170° | 1303.1 | 1304.6 | 1304.3 | 1302.4 | 1300.6 | 1298.7 | 1296.7 |
| 172.5° | 1307.6 | 1309.1 | 1308.9 | 1307.0 | 1305.1 | 1303.2 | 1301.3 |
| 175° | 1312.6 | 1314.0 | 1313.8 | 1311.6 | 1309.5 | 1307.4 | 1305.3 |
| 177.5° | 1312.8 | 1314.0 | 1313.8 | 1312.3 | 1310.8 | 1309.3 | 1307.8 |
| 180° | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 | 1310.0 |

(END OF REPORT)