

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: P331456-927

Luminaire Tested: **S122DIP-S1005D1080U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331456-927
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-S1005D1080U927-4F0-1E-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: 6898.5 lumens
Efficiency: N/A
Efficacy: 96.2 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

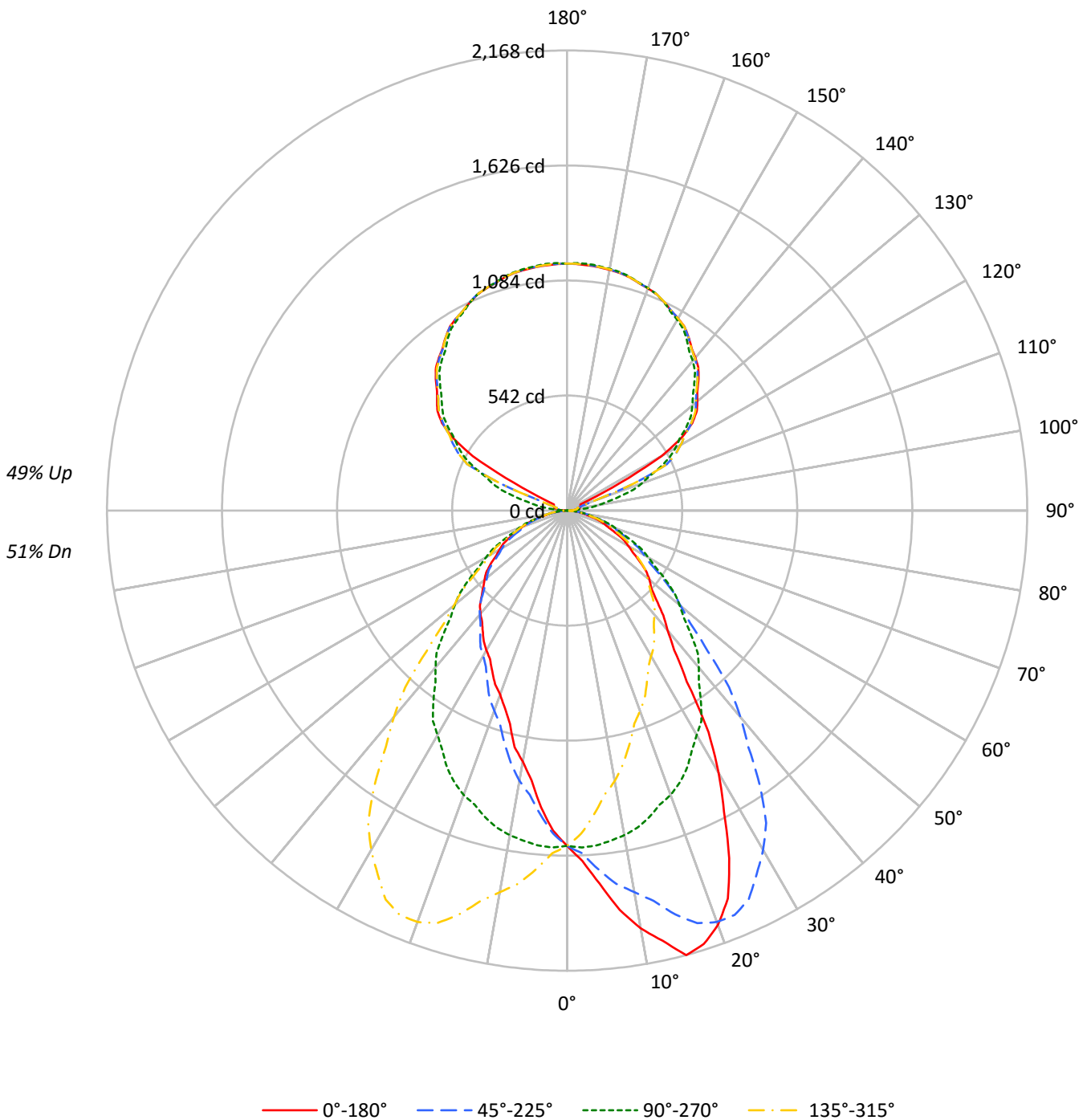
Input Watts (W): 71.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 70 | 70 | 70 | 57 | 57 | 57 | 51 | 51 | 51 | 51 | |
| 1 | 98 | 94 | 91 | 87 | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 60 | 59 | 51 | 50 | 49 | 44 | 44 | 44 | 44 | |
| 2 | 90 | 83 | 77 | 72 | 83 | 77 | 72 | 67 | 65 | 62 | 58 | 55 | 52 | 50 | 45 | 43 | 42 | 37 | 37 | 37 | 37 | |
| 3 | 82 | 73 | 66 | 61 | 76 | 68 | 62 | 57 | 58 | 54 | 50 | 49 | 46 | 43 | 41 | 38 | 36 | 32 | 32 | 32 | 32 | |
| 4 | 76 | 65 | 58 | 52 | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 37 | 34 | 32 | 28 | 28 | 28 | 28 | |
| 5 | 70 | 58 | 50 | 45 | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 40 | 36 | 32 | 33 | 30 | 28 | 25 | 25 | 25 | 25 | |
| 6 | 64 | 53 | 45 | 39 | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 25 | 22 | 22 | 22 | 22 | |
| 7 | 60 | 48 | 40 | 34 | 55 | 44 | 38 | 33 | 39 | 33 | 29 | 33 | 29 | 26 | 28 | 25 | 22 | 20 | 20 | 20 | 20 | |
| 8 | 55 | 43 | 36 | 31 | 51 | 41 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 26 | 22 | 20 | 18 | 18 | 18 | 18 | |
| 9 | 52 | 40 | 32 | 27 | 48 | 37 | 31 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 | 16 | 16 | 16 | 16 | |
| 10 | 48 | 36 | 29 | 25 | 45 | 34 | 28 | 24 | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 17 | 15 | 15 | 15 | 15 | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 25504 | 25504 | 25504 | 25504 |
| 5° | 28593 | 25671 | 22749 | 25671 |
| 10° | 32765 | 25460 | 19687 | 25460 |
| 15° | 36247 | 24993 | 17392 | 24993 |
| 20° | 35696 | 24493 | 15856 | 24493 |
| 25° | 32186 | 23826 | 14883 | 23826 |
| 30° | 26597 | 22760 | 14171 | 22760 |
| 35° | 19385 | 21646 | 13665 | 21646 |
| 40° | 15483 | 20331 | 13384 | 20331 |
| 45° | 13531 | 18810 | 13001 | 18810 |
| 50° | 12717 | 17337 | 12750 | 17337 |
| 55° | 11724 | 15842 | 12408 | 15842 |
| 60° | 10743 | 14250 | 11880 | 14250 |
| 65° | 9788 | 12825 | 11366 | 12825 |
| 70° | 8884 | 11434 | 10607 | 11434 |
| 75° | 7879 | 9881 | 9395 | 9881 |
| 80° | 6778 | 8182 | 7569 | 8182 |
| 85° | 6076 | 6076 | 4502 | 6076 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 150.4 | 2.2 |
| 10°-20° | 437.4 | 6.3 |
| 20°-30° | 634.7 | 9.2 |
| 30°-40° | 669.8 | 9.7 |
| 40°-50° | 593.0 | 8.6 |
| 50°-60° | 473.3 | 6.9 |
| 60°-70° | 321.7 | 4.7 |
| 70°-80° | 164.9 | 2.4 |
| 80°-90° | 42.6 | 0.6 |
| 90°-100° | 38.8 | 0.6 |
| 100°-110° | 142.4 | 2.1 |
| 110°-120° | 380.6 | 5.5 |
| 120°-130° | 628.2 | 9.1 |
| 130°-140° | 668.1 | 9.7 |
| 140°-150° | 620.9 | 9.0 |
| 150°-160° | 499.2 | 7.2 |
| 160°-170° | 321.7 | 4.7 |
| 170°-180° | 110.7 | 1.6 |
| 0°-30° | 1222.5 | 17.7 |
| 0°-40° | 1892.3 | 27.4 |
| 0°-60° | 2958.6 | 42.9 |
| 0°-90° | 3487.9 | 50.6 |
| 90°-120° | 561.7 | 8.1 |
| 90°-150° | 2478.9 | 35.9 |
| 90°-180° | 3411.0 | 49.4 |
| 0°-180° | 6898.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1580 | 1580 | 1580 | 1580 | 1580 | |
| 5° | 1764 | 1584 | 1404 | 1584 | 1764 | 176 |
| 15° | 2168 | 1495 | 1040 | 1495 | 2168 | 598 |
| 25° | 1807 | 1337 | 835 | 1337 | 1807 | 817 |
| 35° | 984 | 1098 | 693 | 1098 | 984 | 640 |
| 45° | 593 | 824 | 569 | 824 | 593 | 466 |
| 55° | 416 | 563 | 441 | 563 | 416 | 373 |
| 65° | 256 | 336 | 298 | 336 | 256 | 255 |
| 75° | 126 | 158 | 151 | 158 | 126 | 135 |
| 85° | 33 | 33 | 24 | 33 | 33 | 36 |
| 90° | 23 | 1 | 23 | 1 | 23 | 12 |
| 95° | 36 | 55 | 36 | 55 | 36 | 34 |
| 105° | 64 | 256 | 64 | 256 | 64 | 67 |
| 115° | 69 | 484 | 69 | 484 | 69 | 173 |
| 125° | 720 | 685 | 720 | 685 | 720 | 623 |
| 135° | 875 | 847 | 875 | 847 | 875 | 674 |
| 145° | 998 | 983 | 998 | 983 | 998 | 624 |
| 155° | 1083 | 1082 | 1083 | 1082 | 1083 | 500 |
| 165° | 1138 | 1140 | 1138 | 1140 | 1138 | 321 |
| 175° | 1160 | 1166 | 1160 | 1166 | 1160 | 110 |
| 180° | 1164 | 1164 | 1164 | 1164 | 1164 | |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 |
| 2.5° | 1652.5 | 1653.0 | 1653.9 | 1646.2 | 1645.2 | 1645.2 | 1638.4 | 1632.6 | 1625.8 | 1616.5 | 1617.6 |
| 5° | 1764.2 | 1770.8 | 1773.3 | 1766.0 | 1755.1 | 1753.9 | 1743.6 | 1726.6 | 1710.8 | 1698.0 | 1688.9 |
| 7.5° | 1897.5 | 1900.2 | 1894.3 | 1884.7 | 1876.5 | 1861.9 | 1842.8 | 1823.9 | 1797.6 | 1773.5 | 1755.5 |
| 10° | 1998.5 | 2002.2 | 1991.9 | 1977.9 | 1966.4 | 1949.4 | 1921.4 | 1892.9 | 1858.3 | 1825.0 | 1798.2 |
| 12.5° | 2075.3 | 2084.2 | 2071.0 | 2069.2 | 2049.5 | 2026.1 | 1992.8 | 1978.4 | 1929.7 | 1883.2 | 1854.6 |
| 15° | 2168.5 | 2167.9 | 2169.2 | 2157.6 | 2143.0 | 2139.4 | 2104.2 | 2065.9 | 1997.3 | 1970.0 | 1922.6 |
| 17.5° | 2141.6 | 2150.8 | 2155.1 | 2154.9 | 2154.6 | 2152.3 | 2141.0 | 2116.8 | 2082.4 | 2038.1 | 1983.5 |
| 20° | 2077.5 | 2089.6 | 2091.4 | 2105.4 | 2113.3 | 2123.6 | 2127.9 | 2121.1 | 2099.9 | 2062.9 | 2015.5 |
| 22.5° | 1978.4 | 1981.8 | 1987.5 | 2009.2 | 2026.3 | 2052.2 | 2065.7 | 2088.1 | 2080.0 | 2061.9 | 2022.4 |
| 25° | 1806.7 | 1800.6 | 1821.9 | 1832.8 | 1872.2 | 1913.5 | 1943.3 | 1976.1 | 2005.3 | 2022.8 | 2011.3 |
| 27.5° | 1600.5 | 1591.4 | 1623.3 | 1652.3 | 1684.3 | 1729.0 | 1775.4 | 1830.1 | 1875.7 | 1932.6 | 1952.2 |
| 30° | 1426.6 | 1432.1 | 1462.4 | 1493.4 | 1542.0 | 1605.1 | 1657.3 | 1717.5 | 1782.4 | 1846.2 | 1890.5 |
| 32.5° | 1239.2 | 1260.2 | 1279.4 | 1326.8 | 1369.6 | 1440.0 | 1516.5 | 1591.7 | 1672.7 | 1745.2 | 1813.8 |
| 35° | 983.5 | 1007.7 | 1034.5 | 1069.1 | 1129.2 | 1199.0 | 1273.7 | 1375.1 | 1485.6 | 1584.5 | 1665.9 |
| 37.5° | 827.8 | 823.9 | 839.2 | 864.3 | 912.9 | 969.3 | 1055.3 | 1155.4 | 1285.5 | 1401.8 | 1516.5 |
| 40° | 734.6 | 732.1 | 743.1 | 766.1 | 803.2 | 844.5 | 919.7 | 1007.7 | 1128.5 | 1270.7 | 1407.2 |
| 42.5° | 670.5 | 671.9 | 678.0 | 694.3 | 719.6 | 753.6 | 810.0 | 884.9 | 995.5 | 1129.3 | 1276.1 |
| 45° | 592.6 | 596.8 | 603.5 | 611.3 | 625.9 | 653.9 | 685.4 | 738.9 | 826.2 | 937.9 | 1082.4 |
| 47.5° | 536.4 | 536.5 | 543.4 | 550.2 | 558.9 | 574.6 | 600.4 | 633.9 | 695.6 | 786.6 | 910.8 |
| 50° | 506.3 | 502.1 | 506.9 | 512.4 | 521.5 | 532.4 | 549.4 | 581.0 | 622.3 | 695.7 | 799.5 |
| 52.5° | 469.4 | 469.5 | 473.9 | 475.9 | 484.1 | 495.0 | 510.6 | 532.4 | 569.8 | 627.2 | 712.6 |
| 55° | 416.5 | 419.5 | 421.9 | 425.6 | 432.8 | 440.8 | 452.9 | 467.5 | 496.6 | 539.7 | 602.9 |
| 57.5° | 366.7 | 367.7 | 370.1 | 377.0 | 381.6 | 388.9 | 400.4 | 413.7 | 432.6 | 464.5 | 512.0 |
| 60° | 332.7 | 332.7 | 337.5 | 340.6 | 346.7 | 353.9 | 363.1 | 375.8 | 392.8 | 418.9 | 457.2 |
| 62.5° | 301.6 | 301.1 | 303.1 | 308.0 | 312.7 | 319.5 | 328.5 | 339.4 | 355.4 | 378.6 | 410.0 |
| 65° | 256.2 | 255.0 | 258.6 | 259.8 | 264.7 | 271.4 | 278.7 | 290.2 | 302.9 | 320.0 | 347.8 |
| 67.5° | 212.5 | 214.0 | 215.9 | 218.2 | 220.9 | 227.9 | 232.7 | 240.9 | 251.7 | 265.8 | 284.7 |
| 70° | 188.2 | 188.2 | 188.2 | 190.0 | 193.7 | 197.3 | 202.2 | 208.8 | 219.2 | 231.3 | 248.3 |
| 72.5° | 161.0 | 163.0 | 164.9 | 163.8 | 168.4 | 170.6 | 176.4 | 180.2 | 190.0 | 197.8 | 212.9 |
| 75° | 126.3 | 126.3 | 126.3 | 129.3 | 131.1 | 132.9 | 136.6 | 140.2 | 145.1 | 154.8 | 162.7 |
| 77.5° | 94.2 | 94.0 | 94.6 | 95.3 | 97.3 | 99.4 | 100.5 | 103.8 | 108.3 | 112.8 | 119.5 |
| 80° | 72.9 | 74.1 | 74.7 | 75.9 | 75.9 | 77.1 | 77.7 | 82.0 | 85.0 | 88.0 | 92.3 |
| 82.5° | 56.3 | 56.6 | 56.7 | 57.0 | 57.4 | 58.1 | 59.7 | 61.1 | 62.2 | 64.7 | 68.0 |
| 85° | 32.8 | 32.2 | 32.2 | 33.4 | 32.8 | 32.8 | 34.0 | 35.2 | 35.2 | 35.8 | 37.6 |
| 87.5° | 17.2 | 17.1 | 17.5 | 17.0 | 16.9 | 17.3 | 17.0 | 16.4 | 16.6 | 17.0 | 17.2 |
| 90° | 22.7 | 22.3 | 22.0 | 21.6 | 21.2 | 20.6 | 19.6 | 18.7 | 17.7 | 16.9 | 15.4 |
| 92.5° | 22.7 | 22.5 | 22.3 | 22.1 | 21.9 | 21.5 | 21.0 | 20.5 | 20.0 | 19.6 | 18.8 |
| 95° | 36.2 | 36.4 | 36.6 | 36.8 | 37.0 | 36.6 | 35.6 | 34.7 | 33.7 | 32.9 | 31.5 |
| 97.5° | 48.3 | 48.1 | 47.9 | 47.7 | 47.5 | 47.0 | 46.2 | 45.5 | 44.7 | 44.0 | 41.0 |
| 100° | 56.4 | 56.1 | 55.7 | 55.3 | 54.9 | 54.0 | 52.5 | 51.0 | 49.5 | 48.0 | 44.8 |
| 102.5° | 60.4 | 60.0 | 59.4 | 58.9 | 58.4 | 57.1 | 55.2 | 53.2 | 51.3 | 49.4 | 46.0 |
| 105° | 64.0 | 63.2 | 62.5 | 61.8 | 61.0 | 59.6 | 57.5 | 55.5 | 53.4 | 51.3 | 48.4 |
| 107.5° | 65.8 | 65.1 | 64.3 | 63.6 | 62.9 | 63.5 | 65.6 | 67.7 | 69.8 | 71.9 | 73.2 |
| 110° | 66.5 | 65.8 | 65.0 | 64.2 | 63.5 | 72.5 | 91.3 | 110.0 | 128.7 | 147.3 | 201.5 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 67.2 | 66.6 | 66.0 | 65.4 | 64.8 | 98.6 | 166.9 | 235.2 | 303.5 | 371.7 | 385.1 |
| 115° | 69.1 | 82.5 | 96.0 | 109.5 | 122.9 | 173.0 | 259.7 | 346.3 | 432.9 | 519.6 | 514.9 |
| 117.5° | 281.9 | 326.2 | 370.5 | 414.8 | 459.1 | 491.7 | 512.6 | 533.6 | 554.5 | 575.5 | 572.3 |
| 120° | 513.7 | 538.9 | 564.2 | 589.5 | 614.7 | 626.3 | 624.0 | 621.8 | 619.5 | 617.3 | 613.9 |
| 122.5° | 641.0 | 645.9 | 650.9 | 655.8 | 660.6 | 662.4 | 661.1 | 659.7 | 658.4 | 657.0 | 653.4 |
| 125° | 720.0 | 719.5 | 718.9 | 718.4 | 717.8 | 716.8 | 715.5 | 714.2 | 712.9 | 711.6 | 708.1 |
| 127.5° | 769.8 | 769.8 | 769.7 | 769.5 | 769.4 | 768.4 | 766.5 | 764.6 | 762.7 | 760.8 | 758.1 |
| 130° | 800.9 | 801.1 | 801.2 | 801.5 | 801.6 | 800.7 | 798.6 | 796.5 | 794.5 | 792.4 | 790.4 |
| 132.5° | 831.2 | 831.4 | 831.6 | 831.7 | 831.9 | 831.2 | 829.4 | 827.6 | 825.9 | 824.1 | 822.0 |
| 135° | 875.0 | 875.4 | 875.7 | 876.1 | 876.5 | 875.7 | 873.9 | 872.0 | 870.1 | 868.2 | 866.6 |
| 137.5° | 914.9 | 915.5 | 916.2 | 916.8 | 917.4 | 916.8 | 915.0 | 913.1 | 911.3 | 909.5 | 907.6 |
| 140° | 939.8 | 940.7 | 941.7 | 942.6 | 943.6 | 943.2 | 941.5 | 939.8 | 938.1 | 936.4 | 934.4 |
| 142.5° | 964.1 | 965.0 | 965.9 | 966.9 | 967.8 | 967.5 | 966.0 | 964.4 | 962.9 | 961.4 | 959.0 |
| 145° | 997.9 | 998.9 | 999.8 | 1000.8 | 1001.6 | 1001.5 | 1000.1 | 998.9 | 997.5 | 996.2 | 993.1 |
| 147.5° | 1027.7 | 1028.5 | 1029.3 | 1030.1 | 1030.9 | 1030.8 | 1029.8 | 1028.8 | 1027.9 | 1026.9 | 1023.7 |
| 150° | 1045.9 | 1046.9 | 1047.8 | 1048.7 | 1049.6 | 1049.6 | 1048.5 | 1047.3 | 1046.2 | 1045.0 | 1042.1 |
| 152.5° | 1061.4 | 1062.6 | 1063.9 | 1065.1 | 1066.4 | 1066.4 | 1065.3 | 1064.1 | 1063.0 | 1061.9 | 1059.1 |
| 155° | 1083.0 | 1084.5 | 1086.0 | 1087.4 | 1088.9 | 1089.2 | 1088.1 | 1086.9 | 1085.8 | 1084.7 | 1082.4 |
| 157.5° | 1102.6 | 1104.1 | 1105.6 | 1107.1 | 1108.5 | 1108.6 | 1107.3 | 1106.0 | 1104.8 | 1103.5 | 1101.9 |
| 160° | 1114.1 | 1115.5 | 1116.7 | 1118.1 | 1119.4 | 1119.4 | 1118.3 | 1117.2 | 1116.1 | 1115.0 | 1113.9 |
| 162.5° | 1123.6 | 1125.1 | 1126.8 | 1128.4 | 1130.0 | 1130.2 | 1128.9 | 1127.6 | 1126.3 | 1125.1 | 1124.1 |
| 165° | 1137.7 | 1139.0 | 1140.3 | 1141.6 | 1143.0 | 1143.0 | 1141.6 | 1140.3 | 1139.0 | 1137.7 | 1137.2 |
| 167.5° | 1146.6 | 1148.3 | 1150.0 | 1151.7 | 1153.3 | 1153.6 | 1152.2 | 1151.0 | 1149.6 | 1148.3 | 1147.8 |
| 170° | 1152.0 | 1153.7 | 1155.4 | 1157.1 | 1158.7 | 1159.0 | 1157.6 | 1156.3 | 1155.0 | 1153.7 | 1153.3 |
| 172.5° | 1156.0 | 1157.8 | 1159.4 | 1161.1 | 1162.8 | 1163.0 | 1161.7 | 1160.4 | 1159.0 | 1157.8 | 1157.4 |
| 175° | 1159.6 | 1161.5 | 1163.3 | 1165.2 | 1167.1 | 1167.4 | 1166.1 | 1164.7 | 1163.5 | 1162.1 | 1161.7 |
| 177.5° | 1161.8 | 1163.2 | 1164.5 | 1165.9 | 1167.2 | 1167.4 | 1166.3 | 1165.2 | 1164.2 | 1163.2 | 1163.0 |
| 180° | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 |
| 2.5° | 1621.0 | 1617.1 | 1614.6 | 1605.9 | 1598.1 | 1590.3 | 1587.9 | 1588.9 | 1578.2 | 1568.0 | 1563.6 |
| 5° | 1684.1 | 1671.9 | 1660.4 | 1644.0 | 1624.6 | 1603.3 | 1592.4 | 1583.9 | 1562.7 | 1539.6 | 1526.2 |
| 7.5° | 1740.7 | 1723.3 | 1701.1 | 1670.2 | 1642.0 | 1608.5 | 1587.3 | 1568.4 | 1537.4 | 1504.8 | 1484.9 |
| 10° | 1775.1 | 1751.4 | 1722.9 | 1685.3 | 1650.7 | 1610.0 | 1581.4 | 1552.9 | 1516.5 | 1477.7 | 1453.3 |
| 12.5° | 1804.7 | 1772.8 | 1744.8 | 1696.5 | 1655.5 | 1604.6 | 1570.8 | 1530.6 | 1492.2 | 1446.0 | 1422.3 |
| 15° | 1875.3 | 1816.4 | 1763.0 | 1708.3 | 1658.0 | 1586.9 | 1549.3 | 1495.2 | 1444.9 | 1387.8 | 1360.5 |
| 17.5° | 1929.8 | 1863.6 | 1779.5 | 1710.1 | 1651.3 | 1572.6 | 1517.3 | 1452.6 | 1393.1 | 1327.9 | 1290.7 |
| 20° | 1960.9 | 1885.0 | 1794.5 | 1712.0 | 1641.6 | 1551.7 | 1491.6 | 1425.5 | 1355.7 | 1282.1 | 1242.1 |
| 22.5° | 1979.3 | 1899.6 | 1810.1 | 1704.7 | 1622.2 | 1534.7 | 1459.0 | 1386.6 | 1315.8 | 1236.5 | 1194.5 |
| 25° | 1985.2 | 1912.3 | 1817.7 | 1698.7 | 1597.8 | 1498.9 | 1407.9 | 1337.4 | 1251.8 | 1177.7 | 1116.4 |
| 27.5° | 1956.3 | 1904.1 | 1813.0 | 1687.2 | 1569.8 | 1454.1 | 1352.6 | 1272.8 | 1182.5 | 1102.1 | 1040.5 |
| 30° | 1920.8 | 1890.5 | 1801.8 | 1675.5 | 1547.4 | 1423.0 | 1311.3 | 1220.8 | 1131.0 | 1049.6 | 986.5 |
| 32.5° | 1866.0 | 1859.4 | 1781.5 | 1659.1 | 1523.7 | 1383.7 | 1268.1 | 1176.6 | 1077.1 | 997.2 | 937.0 |
| 35° | 1758.2 | 1787.2 | 1738.1 | 1622.2 | 1478.8 | 1327.7 | 1202.6 | 1098.2 | 995.1 | 918.5 | 862.1 |
| 37.5° | 1613.7 | 1686.0 | 1673.2 | 1568.1 | 1418.4 | 1266.8 | 1128.7 | 1019.5 | 921.2 | 844.0 | 788.6 |
| 40° | 1514.1 | 1606.4 | 1619.7 | 1526.9 | 1375.7 | 1219.6 | 1073.3 | 964.6 | 868.7 | 798.4 | 742.4 |
| 42.5° | 1407.2 | 1515.0 | 1551.7 | 1477.3 | 1329.0 | 1170.1 | 1023.8 | 911.2 | 816.3 | 747.8 | 698.3 |
| 45° | 1228.1 | 1370.8 | 1437.0 | 1394.5 | 1251.3 | 1088.5 | 937.9 | 823.8 | 737.6 | 673.3 | 635.0 |
| 47.5° | 1060.7 | 1216.6 | 1305.6 | 1290.5 | 1164.7 | 1003.5 | 854.7 | 745.1 | 661.2 | 609.9 | 575.7 |
| 50° | 942.2 | 1102.5 | 1209.9 | 1214.8 | 1102.5 | 942.8 | 793.4 | 690.2 | 613.1 | 565.2 | 537.3 |
| 52.5° | 839.2 | 992.2 | 1109.4 | 1135.1 | 1033.0 | 879.6 | 738.6 | 635.9 | 568.0 | 523.9 | 498.9 |
| 55° | 704.8 | 834.2 | 964.1 | 1011.4 | 929.5 | 783.8 | 653.2 | 562.8 | 499.0 | 468.7 | 446.8 |
| 57.5° | 586.0 | 693.8 | 813.7 | 866.1 | 815.6 | 690.9 | 568.5 | 489.9 | 438.2 | 411.6 | 394.8 |
| 60° | 523.3 | 608.3 | 715.2 | 777.7 | 734.0 | 622.9 | 516.0 | 441.3 | 398.9 | 375.2 | 359.4 |
| 62.5° | 465.0 | 540.3 | 630.7 | 687.9 | 664.0 | 559.3 | 463.6 | 397.7 | 361.0 | 338.7 | 327.3 |
| 65° | 383.7 | 443.1 | 513.0 | 565.8 | 550.0 | 470.5 | 392.2 | 335.7 | 306.6 | 289.0 | 279.9 |
| 67.5° | 315.9 | 358.9 | 407.3 | 453.6 | 440.8 | 384.5 | 321.6 | 277.7 | 256.0 | 240.7 | 235.3 |
| 70° | 273.2 | 305.9 | 349.1 | 386.1 | 375.8 | 329.6 | 279.9 | 242.2 | 223.4 | 210.6 | 205.2 |
| 72.5° | 232.4 | 259.4 | 292.2 | 322.5 | 315.5 | 277.2 | 235.7 | 207.2 | 192.8 | 181.0 | 176.6 |
| 75° | 175.5 | 196.1 | 216.1 | 236.1 | 234.3 | 204.6 | 180.3 | 158.4 | 146.9 | 137.8 | 136.0 |
| 77.5° | 129.5 | 141.1 | 154.7 | 166.6 | 163.3 | 146.3 | 127.2 | 114.7 | 106.2 | 100.1 | 99.2 |
| 80° | 98.9 | 105.6 | 115.3 | 123.8 | 119.6 | 112.3 | 97.1 | 88.0 | 82.0 | 75.9 | 73.4 |
| 82.5° | 71.8 | 78.4 | 84.3 | 88.9 | 85.6 | 78.8 | 69.5 | 63.3 | 59.7 | 55.5 | 54.5 |
| 85° | 37.6 | 41.3 | 43.7 | 44.9 | 43.7 | 39.5 | 35.2 | 32.8 | 29.8 | 28.0 | 27.3 |
| 87.5° | 17.3 | 17.0 | 16.7 | 17.3 | 15.5 | 15.1 | 12.8 | 10.9 | 10.8 | 10.7 | 10.1 |
| 90° | 13.9 | 12.4 | 10.9 | 9.1 | 7.1 | 5.0 | 2.9 | 0.9 | 2.9 | 5.0 | 7.1 |
| 92.5° | 18.1 | 17.3 | 16.6 | 16.2 | 16.5 | 16.6 | 16.8 | 17.0 | 16.8 | 16.6 | 16.5 |
| 95° | 30.3 | 28.9 | 27.6 | 30.0 | 36.2 | 42.4 | 48.6 | 54.7 | 48.6 | 42.4 | 36.2 |
| 97.5° | 37.9 | 34.9 | 31.8 | 39.1 | 56.4 | 73.8 | 91.3 | 108.6 | 91.3 | 73.8 | 56.4 |
| 100° | 41.7 | 38.4 | 35.3 | 46.5 | 72.2 | 97.8 | 123.4 | 149.1 | 123.4 | 97.8 | 72.2 |
| 102.5° | 102.6 | 129.2 | 155.8 | 171.8 | 177.2 | 182.7 | 188.1 | 193.5 | 188.1 | 182.7 | 177.2 |
| 105° | 153.5 | 204.6 | 255.7 | 278.5 | 272.8 | 267.2 | 261.7 | 256.0 | 261.7 | 267.2 | 272.8 |
| 107.5° | 194.5 | 255.7 | 317.0 | 345.4 | 340.8 | 336.3 | 331.8 | 327.3 | 331.8 | 336.3 | 340.8 |
| 110° | 255.6 | 309.6 | 363.7 | 388.8 | 384.8 | 381.0 | 377.0 | 373.0 | 377.0 | 381.0 | 384.8 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 398.5 | 411.8 | 425.2 | 430.1 | 426.6 | 423.1 | 419.7 | 416.2 | 419.7 | 423.1 | 426.6 |
| 115° | 510.2 | 505.6 | 500.9 | 496.9 | 493.8 | 490.6 | 487.4 | 484.3 | 487.4 | 490.6 | 493.8 |
| 117.5° | 569.1 | 565.9 | 562.6 | 559.3 | 555.7 | 552.2 | 548.6 | 545.0 | 548.6 | 552.2 | 555.7 |
| 120° | 610.5 | 607.2 | 603.8 | 600.7 | 597.9 | 595.1 | 592.3 | 589.5 | 592.3 | 595.1 | 597.9 |
| 122.5° | 649.7 | 646.0 | 642.4 | 639.1 | 636.1 | 633.1 | 630.2 | 627.2 | 630.2 | 633.1 | 636.1 |
| 125° | 704.5 | 700.9 | 697.4 | 694.3 | 692.0 | 689.5 | 687.1 | 684.7 | 687.1 | 689.5 | 692.0 |
| 127.5° | 755.4 | 752.8 | 750.1 | 747.5 | 744.8 | 742.1 | 739.4 | 736.7 | 739.4 | 742.1 | 744.8 |
| 130° | 788.3 | 786.2 | 784.2 | 781.6 | 778.7 | 775.7 | 772.7 | 769.7 | 772.7 | 775.7 | 778.7 |
| 132.5° | 820.0 | 817.9 | 815.9 | 813.6 | 811.0 | 808.5 | 806.0 | 803.4 | 806.0 | 808.5 | 811.0 |
| 135° | 864.8 | 863.2 | 861.5 | 859.1 | 856.2 | 853.2 | 850.2 | 847.2 | 850.2 | 853.2 | 856.2 |
| 137.5° | 905.7 | 903.8 | 901.8 | 899.8 | 897.8 | 895.6 | 893.6 | 891.4 | 893.6 | 895.6 | 897.8 |
| 140° | 932.3 | 930.3 | 928.2 | 926.5 | 925.0 | 923.4 | 921.9 | 920.4 | 921.9 | 923.4 | 925.0 |
| 142.5° | 956.6 | 954.3 | 952.0 | 950.1 | 948.7 | 947.4 | 946.0 | 944.7 | 946.0 | 947.4 | 948.7 |
| 145° | 989.8 | 986.7 | 983.5 | 982.0 | 982.2 | 982.4 | 982.5 | 982.8 | 982.5 | 982.4 | 982.2 |
| 147.5° | 1020.6 | 1017.5 | 1014.3 | 1013.1 | 1013.8 | 1014.5 | 1015.3 | 1016.0 | 1015.3 | 1014.5 | 1013.8 |
| 150° | 1039.1 | 1036.1 | 1033.1 | 1032.3 | 1033.6 | 1034.9 | 1036.2 | 1037.5 | 1036.2 | 1034.9 | 1033.6 |
| 152.5° | 1056.2 | 1053.4 | 1050.5 | 1049.9 | 1051.3 | 1052.7 | 1054.2 | 1055.7 | 1054.2 | 1052.7 | 1051.3 |
| 155° | 1080.1 | 1077.9 | 1075.7 | 1075.4 | 1077.1 | 1078.8 | 1080.5 | 1082.1 | 1080.5 | 1078.8 | 1077.1 |
| 157.5° | 1100.3 | 1098.8 | 1097.3 | 1097.2 | 1098.6 | 1100.0 | 1101.5 | 1102.9 | 1101.5 | 1100.0 | 1098.6 |
| 160° | 1112.7 | 1111.6 | 1110.5 | 1110.5 | 1111.6 | 1112.7 | 1113.9 | 1115.0 | 1113.9 | 1112.7 | 1111.6 |
| 162.5° | 1123.2 | 1122.1 | 1121.2 | 1121.3 | 1122.4 | 1123.5 | 1124.7 | 1125.8 | 1124.7 | 1123.5 | 1122.4 |
| 165° | 1136.6 | 1136.0 | 1135.4 | 1135.8 | 1136.9 | 1138.0 | 1139.1 | 1140.3 | 1139.1 | 1138.0 | 1136.9 |
| 167.5° | 1147.2 | 1146.8 | 1146.2 | 1146.5 | 1147.6 | 1148.7 | 1149.9 | 1151.0 | 1149.9 | 1148.7 | 1147.6 |
| 170° | 1152.9 | 1152.6 | 1152.2 | 1152.6 | 1153.7 | 1154.8 | 1156.0 | 1157.1 | 1156.0 | 1154.8 | 1153.7 |
| 172.5° | 1157.0 | 1156.7 | 1156.3 | 1156.7 | 1157.8 | 1158.9 | 1160.0 | 1161.1 | 1160.0 | 1158.9 | 1157.8 |
| 175° | 1161.4 | 1161.0 | 1160.6 | 1161.1 | 1162.4 | 1163.7 | 1165.1 | 1166.3 | 1165.1 | 1163.7 | 1162.4 |
| 177.5° | 1162.8 | 1162.7 | 1162.5 | 1163.0 | 1164.0 | 1165.1 | 1166.2 | 1167.2 | 1166.2 | 1165.1 | 1164.0 |
| 180° | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 |
| 2.5° | 1558.8 | 1555.8 | 1545.6 | 1540.3 | 1531.6 | 1523.3 | 1518.0 | 1520.4 | 1522.3 | 1521.4 | 1519.9 |
| 5° | 1514.1 | 1502.5 | 1484.9 | 1469.7 | 1458.8 | 1438.8 | 1430.3 | 1426.1 | 1422.4 | 1418.2 | 1413.9 |
| 7.5° | 1460.9 | 1442.7 | 1417.5 | 1395.8 | 1375.4 | 1350.5 | 1336.3 | 1327.9 | 1319.1 | 1309.5 | 1301.0 |
| 10° | 1423.0 | 1397.5 | 1370.8 | 1340.5 | 1316.2 | 1293.7 | 1273.7 | 1260.3 | 1248.2 | 1236.7 | 1228.1 |
| 12.5° | 1383.2 | 1353.8 | 1320.8 | 1279.3 | 1252.5 | 1220.4 | 1217.3 | 1193.8 | 1174.8 | 1167.7 | 1157.7 |
| 15° | 1319.8 | 1278.5 | 1236.7 | 1187.5 | 1166.3 | 1137.1 | 1118.9 | 1100.7 | 1084.3 | 1072.7 | 1069.7 |
| 17.5° | 1247.8 | 1194.4 | 1152.7 | 1117.4 | 1082.6 | 1052.7 | 1035.9 | 1021.4 | 1007.9 | 992.4 | 990.4 |
| 20° | 1192.9 | 1146.8 | 1101.3 | 1070.3 | 1034.5 | 1004.1 | 983.5 | 968.9 | 957.4 | 948.2 | 940.4 |
| 22.5° | 1141.0 | 1090.4 | 1048.8 | 1014.9 | 979.6 | 955.1 | 938.8 | 924.7 | 915.1 | 905.1 | 897.6 |
| 25° | 1057.6 | 1018.1 | 972.6 | 934.3 | 905.1 | 889.4 | 876.0 | 863.9 | 857.9 | 851.1 | 842.6 |
| 27.5° | 984.6 | 940.7 | 898.1 | 868.5 | 842.9 | 828.9 | 819.4 | 811.2 | 805.5 | 801.6 | 796.8 |
| 30° | 933.1 | 888.7 | 855.4 | 826.2 | 805.0 | 791.1 | 785.0 | 780.1 | 773.4 | 771.0 | 768.6 |
| 32.5° | 883.5 | 843.6 | 815.1 | 789.8 | 769.5 | 760.4 | 754.9 | 750.5 | 745.3 | 742.8 | 738.0 |
| 35° | 813.5 | 780.1 | 752.2 | 738.2 | 721.8 | 713.9 | 709.7 | 703.6 | 698.8 | 696.3 | 695.7 |
| 37.5° | 747.6 | 718.6 | 700.2 | 682.2 | 675.3 | 670.5 | 664.6 | 660.5 | 659.1 | 658.7 | 658.1 |
| 40° | 704.8 | 681.1 | 664.8 | 650.2 | 647.1 | 639.8 | 635.0 | 631.4 | 631.4 | 632.0 | 631.4 |
| 42.5° | 666.0 | 644.8 | 630.3 | 617.7 | 614.1 | 609.7 | 604.9 | 604.7 | 605.6 | 607.7 | 605.6 |
| 45° | 607.1 | 591.9 | 581.6 | 575.5 | 568.9 | 564.6 | 564.0 | 565.8 | 566.4 | 567.0 | 568.9 |
| 47.5° | 552.9 | 542.9 | 533.5 | 526.8 | 523.9 | 523.2 | 522.4 | 525.6 | 528.5 | 529.7 | 532.4 |
| 50° | 520.9 | 509.4 | 501.5 | 497.2 | 494.8 | 493.5 | 494.8 | 498.4 | 500.8 | 503.9 | 505.7 |
| 52.5° | 485.0 | 476.8 | 471.3 | 468.1 | 467.1 | 467.9 | 468.1 | 472.2 | 476.1 | 477.2 | 478.0 |
| 55° | 435.3 | 429.2 | 428.0 | 422.6 | 424.9 | 424.4 | 427.4 | 429.8 | 433.5 | 437.1 | 437.7 |
| 57.5° | 385.7 | 380.9 | 377.6 | 378.1 | 378.8 | 381.5 | 384.0 | 388.3 | 392.2 | 396.1 | 396.4 |
| 60° | 352.8 | 350.3 | 348.5 | 348.5 | 349.7 | 353.3 | 356.3 | 360.6 | 363.1 | 365.4 | 367.3 |
| 62.5° | 322.6 | 320.2 | 318.4 | 319.3 | 322.5 | 324.6 | 328.2 | 330.5 | 333.0 | 335.3 | 336.2 |
| 65° | 275.0 | 273.8 | 275.6 | 276.9 | 277.4 | 280.5 | 284.7 | 286.5 | 289.0 | 290.2 | 294.5 |
| 67.5° | 231.2 | 231.4 | 231.2 | 232.9 | 236.4 | 237.1 | 241.1 | 245.4 | 245.9 | 248.2 | 251.0 |
| 70° | 201.5 | 202.8 | 204.0 | 205.2 | 208.3 | 209.5 | 212.5 | 214.3 | 216.7 | 218.6 | 220.4 |
| 72.5° | 174.4 | 174.6 | 175.8 | 175.5 | 178.1 | 180.8 | 183.3 | 185.1 | 187.6 | 189.9 | 191.7 |
| 75° | 134.2 | 134.2 | 135.4 | 136.0 | 139.0 | 142.0 | 141.5 | 142.7 | 145.1 | 147.5 | 148.8 |
| 77.5° | 98.0 | 96.6 | 98.0 | 98.6 | 99.6 | 102.1 | 102.6 | 104.3 | 107.1 | 106.2 | 107.6 |
| 80° | 74.7 | 72.9 | 74.7 | 75.3 | 75.3 | 78.3 | 78.3 | 79.5 | 81.4 | 79.5 | 81.4 |
| 82.5° | 53.3 | 52.4 | 53.8 | 53.9 | 54.9 | 55.0 | 56.0 | 56.2 | 58.1 | 57.2 | 58.1 |
| 85° | 26.7 | 26.1 | 26.7 | 26.1 | 26.7 | 27.3 | 27.3 | 26.7 | 26.7 | 28.0 | 26.1 |
| 87.5° | 10.1 | 9.9 | 9.7 | 10.1 | 9.9 | 9.7 | 9.3 | 9.6 | 9.7 | 9.0 | 9.1 |
| 90° | 9.1 | 10.9 | 12.4 | 13.9 | 15.4 | 16.9 | 17.7 | 18.7 | 19.6 | 20.6 | 21.2 |
| 92.5° | 16.2 | 16.6 | 17.3 | 18.1 | 18.8 | 19.6 | 20.0 | 20.5 | 21.0 | 21.5 | 21.9 |
| 95° | 30.0 | 27.6 | 28.9 | 30.3 | 31.5 | 32.9 | 33.7 | 34.7 | 35.6 | 36.6 | 37.0 |
| 97.5° | 39.1 | 31.8 | 34.9 | 37.9 | 41.0 | 44.0 | 44.7 | 45.5 | 46.2 | 47.0 | 47.5 |
| 100° | 46.5 | 35.3 | 38.4 | 41.7 | 44.8 | 48.0 | 49.5 | 51.0 | 52.5 | 54.0 | 54.9 |
| 102.5° | 171.8 | 155.8 | 129.2 | 102.6 | 76.0 | 49.4 | 51.3 | 53.2 | 55.2 | 57.1 | 58.4 |
| 105° | 278.5 | 255.7 | 204.6 | 153.5 | 102.4 | 51.3 | 53.4 | 55.5 | 57.5 | 59.6 | 61.0 |
| 107.5° | 345.4 | 317.0 | 255.7 | 194.5 | 133.2 | 71.9 | 69.8 | 67.7 | 65.6 | 63.5 | 62.9 |
| 110° | 388.8 | 363.7 | 309.6 | 255.6 | 201.5 | 147.3 | 128.7 | 110.0 | 91.3 | 72.5 | 63.5 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 430.1 | 425.2 | 411.8 | 398.5 | 385.1 | 371.7 | 303.5 | 235.2 | 166.9 | 98.6 | 64.8 |
| 115° | 496.9 | 500.9 | 505.6 | 510.2 | 514.9 | 519.6 | 432.9 | 346.3 | 259.7 | 173.0 | 122.9 |
| 117.5° | 559.3 | 562.6 | 565.9 | 569.1 | 572.3 | 575.5 | 554.5 | 533.6 | 512.6 | 491.7 | 459.1 |
| 120° | 600.7 | 603.8 | 607.2 | 610.5 | 613.9 | 617.3 | 619.5 | 621.8 | 624.0 | 626.3 | 614.7 |
| 122.5° | 639.1 | 642.4 | 646.0 | 649.7 | 653.4 | 657.0 | 658.4 | 659.7 | 661.1 | 662.4 | 660.6 |
| 125° | 694.3 | 697.4 | 700.9 | 704.5 | 708.1 | 711.6 | 712.9 | 714.2 | 715.5 | 716.8 | 717.8 |
| 127.5° | 747.5 | 750.1 | 752.8 | 755.4 | 758.1 | 760.8 | 762.7 | 764.6 | 766.5 | 768.4 | 769.4 |
| 130° | 781.6 | 784.2 | 786.2 | 788.3 | 790.4 | 792.4 | 794.5 | 796.5 | 798.6 | 800.7 | 801.6 |
| 132.5° | 813.6 | 815.9 | 817.9 | 820.0 | 822.0 | 824.1 | 825.9 | 827.6 | 829.4 | 831.2 | 831.9 |
| 135° | 859.1 | 861.5 | 863.2 | 864.8 | 866.6 | 868.2 | 870.1 | 872.0 | 873.9 | 875.7 | 876.5 |
| 137.5° | 899.8 | 901.8 | 903.8 | 905.7 | 907.6 | 909.5 | 911.3 | 913.1 | 915.0 | 916.8 | 917.4 |
| 140° | 926.5 | 928.2 | 930.3 | 932.3 | 934.4 | 936.4 | 938.1 | 939.8 | 941.5 | 943.2 | 943.6 |
| 142.5° | 950.1 | 952.0 | 954.3 | 956.6 | 959.0 | 961.4 | 962.9 | 964.4 | 966.0 | 967.5 | 967.8 |
| 145° | 982.0 | 983.5 | 986.7 | 989.8 | 993.1 | 996.2 | 997.5 | 998.9 | 1000.1 | 1001.5 | 1001.6 |
| 147.5° | 1013.1 | 1014.3 | 1017.5 | 1020.6 | 1023.7 | 1026.9 | 1027.9 | 1028.8 | 1029.8 | 1030.8 | 1030.9 |
| 150° | 1032.3 | 1033.1 | 1036.1 | 1039.1 | 1042.1 | 1045.0 | 1046.2 | 1047.3 | 1048.5 | 1049.6 | 1049.6 |
| 152.5° | 1049.9 | 1050.5 | 1053.4 | 1056.2 | 1059.1 | 1061.9 | 1063.0 | 1064.1 | 1065.3 | 1066.4 | 1066.4 |
| 155° | 1075.4 | 1075.7 | 1077.9 | 1080.1 | 1082.4 | 1084.7 | 1085.8 | 1086.9 | 1088.1 | 1089.2 | 1088.9 |
| 157.5° | 1097.2 | 1097.3 | 1098.8 | 1100.3 | 1101.9 | 1103.5 | 1104.8 | 1106.0 | 1107.3 | 1108.6 | 1108.5 |
| 160° | 1110.5 | 1110.5 | 1111.6 | 1112.7 | 1113.9 | 1115.0 | 1116.1 | 1117.2 | 1118.3 | 1119.4 | 1119.4 |
| 162.5° | 1121.3 | 1121.2 | 1122.1 | 1123.2 | 1124.1 | 1125.1 | 1126.3 | 1127.6 | 1128.9 | 1130.2 | 1130.0 |
| 165° | 1135.8 | 1135.4 | 1136.0 | 1136.6 | 1137.2 | 1137.7 | 1139.0 | 1140.3 | 1141.6 | 1143.0 | 1143.0 |
| 167.5° | 1146.5 | 1146.2 | 1146.8 | 1147.2 | 1147.8 | 1148.3 | 1149.6 | 1151.0 | 1152.2 | 1153.6 | 1153.3 |
| 170° | 1152.6 | 1152.2 | 1152.6 | 1152.9 | 1153.3 | 1153.7 | 1155.0 | 1156.3 | 1157.6 | 1159.0 | 1158.7 |
| 172.5° | 1156.7 | 1156.3 | 1156.7 | 1157.0 | 1157.4 | 1157.8 | 1159.0 | 1160.4 | 1161.7 | 1163.0 | 1162.8 |
| 175° | 1161.1 | 1160.6 | 1161.0 | 1161.4 | 1161.7 | 1162.1 | 1163.5 | 1164.7 | 1166.1 | 1167.4 | 1167.1 |
| 177.5° | 1163.0 | 1162.5 | 1162.7 | 1162.8 | 1163.0 | 1163.2 | 1164.2 | 1165.2 | 1166.3 | 1167.4 | 1167.2 |
| 180° | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 |
| 2.5° | 1515.0 | 1514.1 | 1514.1 | 1509.7 | 1514.1 | 1514.1 | 1515.0 | 1519.9 | 1521.4 | 1522.3 | 1520.4 |
| 5° | 1405.4 | 1403.6 | 1400.6 | 1403.6 | 1400.6 | 1403.6 | 1405.4 | 1413.9 | 1418.2 | 1422.4 | 1426.1 |
| 7.5° | 1297.0 | 1289.7 | 1288.6 | 1281.4 | 1288.6 | 1289.7 | 1297.0 | 1301.0 | 1309.5 | 1319.1 | 1327.9 |
| 10° | 1217.8 | 1213.0 | 1212.4 | 1200.8 | 1212.4 | 1213.0 | 1217.8 | 1228.1 | 1236.7 | 1248.2 | 1260.3 |
| 12.5° | 1157.6 | 1146.0 | 1148.3 | 1141.5 | 1148.3 | 1146.0 | 1157.6 | 1157.7 | 1167.7 | 1174.8 | 1193.8 |
| 15° | 1053.3 | 1053.3 | 1050.9 | 1040.5 | 1050.9 | 1053.3 | 1053.3 | 1069.7 | 1072.7 | 1084.3 | 1100.7 |
| 17.5° | 978.4 | 977.2 | 971.4 | 974.2 | 971.4 | 977.2 | 978.4 | 990.4 | 992.4 | 1007.9 | 1021.4 |
| 20° | 933.7 | 930.1 | 922.8 | 922.8 | 922.8 | 930.1 | 933.7 | 940.4 | 948.2 | 957.4 | 968.9 |
| 22.5° | 891.4 | 891.2 | 883.4 | 885.9 | 883.4 | 891.2 | 891.4 | 897.6 | 905.1 | 915.1 | 924.7 |
| 25° | 842.0 | 837.2 | 833.5 | 835.4 | 833.5 | 837.2 | 842.0 | 842.6 | 851.1 | 857.9 | 863.9 |
| 27.5° | 795.2 | 792.5 | 792.3 | 787.3 | 792.3 | 792.5 | 795.2 | 796.8 | 801.6 | 805.5 | 811.2 |
| 30° | 767.9 | 761.9 | 763.1 | 760.1 | 763.1 | 761.9 | 767.9 | 768.6 | 771.0 | 773.4 | 780.1 |
| 32.5° | 736.9 | 734.7 | 733.5 | 730.9 | 733.5 | 734.7 | 736.9 | 738.0 | 742.8 | 745.3 | 750.5 |
| 35° | 694.5 | 695.1 | 692.1 | 693.3 | 692.1 | 695.1 | 694.5 | 695.7 | 696.3 | 698.8 | 703.6 |
| 37.5° | 657.5 | 659.4 | 658.0 | 658.3 | 658.0 | 659.4 | 657.5 | 658.1 | 658.7 | 659.1 | 660.5 |
| 40° | 633.2 | 633.2 | 633.2 | 635.0 | 633.2 | 633.2 | 633.2 | 631.4 | 632.0 | 631.4 | 631.4 |
| 42.5° | 609.9 | 609.0 | 607.9 | 607.8 | 607.9 | 609.0 | 609.9 | 605.6 | 607.7 | 605.6 | 604.7 |
| 45° | 570.1 | 571.9 | 572.5 | 569.4 | 572.5 | 571.9 | 570.1 | 568.9 | 567.0 | 566.4 | 565.8 |
| 47.5° | 534.0 | 534.2 | 534.0 | 536.7 | 534.0 | 534.2 | 534.0 | 532.4 | 529.7 | 528.5 | 525.6 |
| 50° | 508.7 | 507.6 | 508.7 | 507.6 | 508.7 | 507.6 | 508.7 | 505.7 | 503.9 | 500.8 | 498.4 |
| 52.5° | 482.0 | 482.3 | 481.6 | 481.3 | 481.6 | 482.3 | 482.0 | 478.0 | 477.2 | 476.1 | 472.2 |
| 55° | 440.1 | 441.3 | 440.8 | 440.8 | 440.8 | 441.3 | 440.1 | 437.7 | 437.1 | 433.5 | 429.8 |
| 57.5° | 396.8 | 397.9 | 398.7 | 396.1 | 398.7 | 397.9 | 396.8 | 396.4 | 396.1 | 392.2 | 388.3 |
| 60° | 366.7 | 369.7 | 369.1 | 367.9 | 369.1 | 369.7 | 366.7 | 367.3 | 365.4 | 363.1 | 360.6 |
| 62.5° | 339.0 | 340.1 | 340.0 | 339.8 | 340.0 | 340.1 | 339.0 | 336.2 | 335.3 | 333.0 | 330.5 |
| 65° | 296.3 | 297.5 | 295.6 | 297.5 | 295.6 | 297.5 | 296.3 | 294.5 | 290.2 | 289.0 | 286.5 |
| 67.5° | 250.3 | 250.6 | 251.9 | 252.8 | 251.9 | 250.6 | 250.3 | 251.0 | 248.2 | 245.9 | 245.4 |
| 70° | 221.6 | 221.0 | 222.8 | 224.7 | 222.8 | 221.0 | 221.6 | 220.4 | 218.6 | 216.7 | 214.3 |
| 72.5° | 191.5 | 192.8 | 192.2 | 193.5 | 192.2 | 192.8 | 191.5 | 191.7 | 189.9 | 187.6 | 185.1 |
| 75° | 147.5 | 149.3 | 148.8 | 150.6 | 148.8 | 149.3 | 147.5 | 148.8 | 147.5 | 145.1 | 142.7 |
| 77.5° | 106.6 | 106.9 | 106.6 | 107.6 | 106.6 | 106.9 | 106.6 | 107.6 | 106.2 | 107.1 | 104.3 |
| 80° | 81.4 | 80.2 | 78.9 | 81.4 | 78.9 | 80.2 | 81.4 | 81.4 | 79.5 | 81.4 | 79.5 |
| 82.5° | 56.6 | 57.3 | 56.1 | 56.1 | 56.1 | 57.3 | 56.6 | 58.1 | 57.2 | 58.1 | 56.2 |
| 85° | 26.1 | 25.5 | 24.3 | 24.3 | 24.3 | 25.5 | 26.1 | 26.1 | 28.0 | 26.7 | 26.7 |
| 87.5° | 9.2 | 8.8 | 8.9 | 8.4 | 8.9 | 8.8 | 9.2 | 9.1 | 9.0 | 9.7 | 9.6 |
| 90° | 21.6 | 22.0 | 22.3 | 22.7 | 22.3 | 22.0 | 21.6 | 21.2 | 20.6 | 19.6 | 18.7 |
| 92.5° | 22.1 | 22.3 | 22.5 | 22.7 | 22.5 | 22.3 | 22.1 | 21.9 | 21.5 | 21.0 | 20.5 |
| 95° | 36.8 | 36.6 | 36.4 | 36.2 | 36.4 | 36.6 | 36.8 | 37.0 | 36.6 | 35.6 | 34.7 |
| 97.5° | 47.7 | 47.9 | 48.1 | 48.3 | 48.1 | 47.9 | 47.7 | 47.5 | 47.0 | 46.2 | 45.5 |
| 100° | 55.3 | 55.7 | 56.1 | 56.4 | 56.1 | 55.7 | 55.3 | 54.9 | 54.0 | 52.5 | 51.0 |
| 102.5° | 58.9 | 59.4 | 60.0 | 60.4 | 60.0 | 59.4 | 58.9 | 58.4 | 57.1 | 55.2 | 53.2 |
| 105° | 61.8 | 62.5 | 63.2 | 64.0 | 63.2 | 62.5 | 61.8 | 61.0 | 59.6 | 57.5 | 55.5 |
| 107.5° | 63.6 | 64.3 | 65.1 | 65.8 | 65.1 | 64.3 | 63.6 | 62.9 | 63.5 | 65.6 | 67.7 |
| 110° | 64.2 | 65.0 | 65.8 | 66.5 | 65.8 | 65.0 | 64.2 | 63.5 | 72.5 | 91.3 | 110.0 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 65.4 | 66.0 | 66.6 | 67.2 | 66.6 | 66.0 | 65.4 | 64.8 | 98.6 | 166.9 | 235.2 |
| 115° | 109.5 | 96.0 | 82.5 | 69.1 | 82.5 | 96.0 | 109.5 | 122.9 | 173.0 | 259.7 | 346.3 |
| 117.5° | 414.8 | 370.5 | 326.2 | 281.9 | 326.2 | 370.5 | 414.8 | 459.1 | 491.7 | 512.6 | 533.6 |
| 120° | 589.5 | 564.2 | 538.9 | 513.7 | 538.9 | 564.2 | 589.5 | 614.7 | 626.3 | 624.0 | 621.8 |
| 122.5° | 655.8 | 650.9 | 645.9 | 641.0 | 645.9 | 650.9 | 655.8 | 660.6 | 662.4 | 661.1 | 659.7 |
| 125° | 718.4 | 718.9 | 719.5 | 720.0 | 719.5 | 718.9 | 718.4 | 717.8 | 716.8 | 715.5 | 714.2 |
| 127.5° | 769.5 | 769.7 | 769.8 | 769.8 | 769.8 | 769.7 | 769.5 | 769.4 | 768.4 | 766.5 | 764.6 |
| 130° | 801.5 | 801.2 | 801.1 | 800.9 | 801.1 | 801.2 | 801.5 | 801.6 | 800.7 | 798.6 | 796.5 |
| 132.5° | 831.7 | 831.6 | 831.4 | 831.2 | 831.4 | 831.6 | 831.7 | 831.9 | 831.2 | 829.4 | 827.6 |
| 135° | 876.1 | 875.7 | 875.4 | 875.0 | 875.4 | 875.7 | 876.1 | 876.5 | 875.7 | 873.9 | 872.0 |
| 137.5° | 916.8 | 916.2 | 915.5 | 914.9 | 915.5 | 916.2 | 916.8 | 917.4 | 916.8 | 915.0 | 913.1 |
| 140° | 942.6 | 941.7 | 940.7 | 939.8 | 940.7 | 941.7 | 942.6 | 943.6 | 943.2 | 941.5 | 939.8 |
| 142.5° | 966.9 | 965.9 | 965.0 | 964.1 | 965.0 | 965.9 | 966.9 | 967.8 | 967.5 | 966.0 | 964.4 |
| 145° | 1000.8 | 999.8 | 998.9 | 997.9 | 998.9 | 999.8 | 1000.8 | 1001.6 | 1001.5 | 1000.1 | 998.9 |
| 147.5° | 1030.1 | 1029.3 | 1028.5 | 1027.7 | 1028.5 | 1029.3 | 1030.1 | 1030.9 | 1030.8 | 1029.8 | 1028.8 |
| 150° | 1048.7 | 1047.8 | 1046.9 | 1045.9 | 1046.9 | 1047.8 | 1048.7 | 1049.6 | 1049.6 | 1048.5 | 1047.3 |
| 152.5° | 1065.1 | 1063.9 | 1062.6 | 1061.4 | 1062.6 | 1063.9 | 1065.1 | 1066.4 | 1066.4 | 1065.3 | 1064.1 |
| 155° | 1087.4 | 1086.0 | 1084.5 | 1083.0 | 1084.5 | 1086.0 | 1087.4 | 1088.9 | 1089.2 | 1088.1 | 1086.9 |
| 157.5° | 1107.1 | 1105.6 | 1104.1 | 1102.6 | 1104.1 | 1105.6 | 1107.1 | 1108.5 | 1108.6 | 1107.3 | 1106.0 |
| 160° | 1118.1 | 1116.7 | 1115.5 | 1114.1 | 1115.5 | 1116.7 | 1118.1 | 1119.4 | 1119.4 | 1118.3 | 1117.2 |
| 162.5° | 1128.4 | 1126.8 | 1125.1 | 1123.6 | 1125.1 | 1126.8 | 1128.4 | 1130.0 | 1130.2 | 1128.9 | 1127.6 |
| 165° | 1141.6 | 1140.3 | 1139.0 | 1137.7 | 1139.0 | 1140.3 | 1141.6 | 1143.0 | 1143.0 | 1141.6 | 1140.3 |
| 167.5° | 1151.7 | 1150.0 | 1148.3 | 1146.6 | 1148.3 | 1150.0 | 1151.7 | 1153.3 | 1153.6 | 1152.2 | 1151.0 |
| 170° | 1157.1 | 1155.4 | 1153.7 | 1152.0 | 1153.7 | 1155.4 | 1157.1 | 1158.7 | 1159.0 | 1157.6 | 1156.3 |
| 172.5° | 1161.1 | 1159.4 | 1157.8 | 1156.0 | 1157.8 | 1159.4 | 1161.1 | 1162.8 | 1163.0 | 1161.7 | 1160.4 |
| 175° | 1165.2 | 1163.3 | 1161.5 | 1159.6 | 1161.5 | 1163.3 | 1165.2 | 1167.1 | 1167.4 | 1166.1 | 1164.7 |
| 177.5° | 1165.9 | 1164.5 | 1163.2 | 1161.8 | 1163.2 | 1164.5 | 1165.9 | 1167.2 | 1167.4 | 1166.3 | 1165.2 |
| 180° | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 |
| 2.5° | 1518.0 | 1523.3 | 1531.6 | 1540.3 | 1545.6 | 1555.8 | 1558.8 | 1563.6 | 1568.0 | 1578.2 | 1588.9 |
| 5° | 1430.3 | 1438.8 | 1458.8 | 1469.7 | 1484.9 | 1502.5 | 1514.1 | 1526.2 | 1539.6 | 1562.7 | 1583.9 |
| 7.5° | 1336.3 | 1350.5 | 1375.4 | 1395.8 | 1417.5 | 1442.7 | 1460.9 | 1484.9 | 1504.8 | 1537.4 | 1568.4 |
| 10° | 1273.7 | 1293.7 | 1316.2 | 1340.5 | 1370.8 | 1397.5 | 1423.0 | 1453.3 | 1477.7 | 1516.5 | 1552.9 |
| 12.5° | 1217.3 | 1220.4 | 1252.5 | 1279.3 | 1320.8 | 1353.8 | 1383.2 | 1422.3 | 1446.0 | 1492.2 | 1530.6 |
| 15° | 1118.9 | 1137.1 | 1166.3 | 1187.5 | 1236.7 | 1278.5 | 1319.8 | 1360.5 | 1387.8 | 1444.9 | 1495.2 |
| 17.5° | 1035.9 | 1052.7 | 1082.6 | 1117.4 | 1152.7 | 1194.4 | 1247.8 | 1290.7 | 1327.9 | 1393.1 | 1452.6 |
| 20° | 983.5 | 1004.1 | 1034.5 | 1070.3 | 1101.3 | 1146.8 | 1192.9 | 1242.1 | 1282.1 | 1355.7 | 1425.5 |
| 22.5° | 938.8 | 955.1 | 979.6 | 1014.9 | 1048.8 | 1090.4 | 1141.0 | 1194.5 | 1236.5 | 1315.8 | 1386.6 |
| 25° | 876.0 | 889.4 | 905.1 | 934.3 | 972.6 | 1018.1 | 1057.6 | 1116.4 | 1177.7 | 1251.8 | 1337.4 |
| 27.5° | 819.4 | 828.9 | 842.9 | 868.5 | 898.1 | 940.7 | 984.6 | 1040.5 | 1102.1 | 1182.5 | 1272.8 |
| 30° | 785.0 | 791.1 | 805.0 | 826.2 | 855.4 | 888.7 | 933.1 | 986.5 | 1049.6 | 1131.0 | 1220.8 |
| 32.5° | 754.9 | 760.4 | 769.5 | 789.8 | 815.1 | 843.6 | 883.5 | 937.0 | 997.2 | 1077.1 | 1176.6 |
| 35° | 709.7 | 713.9 | 721.8 | 738.2 | 752.2 | 780.1 | 813.5 | 862.1 | 918.5 | 995.1 | 1098.2 |
| 37.5° | 664.6 | 670.5 | 675.3 | 682.2 | 700.2 | 718.6 | 747.6 | 788.6 | 844.0 | 921.2 | 1019.5 |
| 40° | 635.0 | 639.8 | 647.1 | 650.2 | 664.8 | 681.1 | 704.8 | 742.4 | 798.4 | 868.7 | 964.6 |
| 42.5° | 604.9 | 609.7 | 614.1 | 617.7 | 630.3 | 644.8 | 666.0 | 698.3 | 747.8 | 816.3 | 911.2 |
| 45° | 564.0 | 564.6 | 568.9 | 575.5 | 581.6 | 591.9 | 607.1 | 635.0 | 673.3 | 737.6 | 823.8 |
| 47.5° | 522.4 | 523.2 | 523.9 | 526.8 | 533.5 | 542.9 | 552.9 | 575.7 | 609.9 | 661.2 | 745.1 |
| 50° | 494.8 | 493.5 | 494.8 | 497.2 | 501.5 | 509.4 | 520.9 | 537.3 | 565.2 | 613.1 | 690.2 |
| 52.5° | 468.1 | 467.9 | 467.1 | 468.1 | 471.3 | 476.8 | 485.0 | 498.9 | 523.9 | 568.0 | 635.9 |
| 55° | 427.4 | 424.4 | 424.9 | 422.6 | 428.0 | 429.2 | 435.3 | 446.8 | 468.7 | 499.0 | 562.8 |
| 57.5° | 384.0 | 381.5 | 378.8 | 378.1 | 377.6 | 380.9 | 385.7 | 394.8 | 411.6 | 438.2 | 489.9 |
| 60° | 356.3 | 353.3 | 349.7 | 348.5 | 348.5 | 350.3 | 352.8 | 359.4 | 375.2 | 398.9 | 441.3 |
| 62.5° | 328.2 | 324.6 | 322.5 | 319.3 | 318.4 | 320.2 | 322.6 | 327.3 | 338.7 | 361.0 | 397.7 |
| 65° | 284.7 | 280.5 | 277.4 | 276.9 | 275.6 | 273.8 | 275.0 | 279.9 | 289.0 | 306.6 | 335.7 |
| 67.5° | 241.1 | 237.1 | 236.4 | 232.9 | 231.2 | 231.4 | 231.2 | 235.3 | 240.7 | 256.0 | 277.7 |
| 70° | 212.5 | 209.5 | 208.3 | 205.2 | 204.0 | 202.8 | 201.5 | 205.2 | 210.6 | 223.4 | 242.2 |
| 72.5° | 183.3 | 180.8 | 178.1 | 175.5 | 175.8 | 174.6 | 174.4 | 176.6 | 181.0 | 192.8 | 207.2 |
| 75° | 141.5 | 142.0 | 139.0 | 136.0 | 135.4 | 134.2 | 134.2 | 136.0 | 137.8 | 146.9 | 158.4 |
| 77.5° | 102.6 | 102.1 | 99.6 | 98.6 | 98.0 | 96.6 | 98.0 | 99.2 | 100.1 | 106.2 | 114.7 |
| 80° | 78.3 | 78.3 | 75.3 | 75.3 | 74.7 | 72.9 | 74.7 | 73.4 | 75.9 | 82.0 | 88.0 |
| 82.5° | 56.0 | 55.0 | 54.9 | 53.9 | 53.8 | 52.4 | 53.3 | 54.5 | 55.5 | 59.7 | 63.3 |
| 85° | 27.3 | 27.3 | 26.7 | 26.1 | 26.7 | 26.1 | 26.7 | 27.3 | 28.0 | 29.8 | 32.8 |
| 87.5° | 9.3 | 9.7 | 9.9 | 10.1 | 9.7 | 9.9 | 10.1 | 10.1 | 10.7 | 10.8 | 10.9 |
| 90° | 17.7 | 16.9 | 15.4 | 13.9 | 12.4 | 10.9 | 9.1 | 7.1 | 5.0 | 2.9 | 0.9 |
| 92.5° | 20.0 | 19.6 | 18.8 | 18.1 | 17.3 | 16.6 | 16.2 | 16.5 | 16.6 | 16.8 | 17.0 |
| 95° | 33.7 | 32.9 | 31.5 | 30.3 | 28.9 | 27.6 | 30.0 | 36.2 | 42.4 | 48.6 | 54.7 |
| 97.5° | 44.7 | 44.0 | 41.0 | 37.9 | 34.9 | 31.8 | 39.1 | 56.4 | 73.8 | 91.3 | 108.6 |
| 100° | 49.5 | 48.0 | 44.8 | 41.7 | 38.4 | 35.3 | 46.5 | 72.2 | 97.8 | 123.4 | 149.1 |
| 102.5° | 51.3 | 49.4 | 76.0 | 102.6 | 129.2 | 155.8 | 171.8 | 177.2 | 182.7 | 188.1 | 193.5 |
| 105° | 53.4 | 51.3 | 102.4 | 153.5 | 204.6 | 255.7 | 278.5 | 272.8 | 267.2 | 261.7 | 256.0 |
| 107.5° | 69.8 | 71.9 | 133.2 | 194.5 | 255.7 | 317.0 | 345.4 | 340.8 | 336.3 | 331.8 | 327.3 |
| 110° | 128.7 | 147.3 | 201.5 | 255.6 | 309.6 | 363.7 | 388.8 | 384.8 | 381.0 | 377.0 | 373.0 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 303.5 | 371.7 | 385.1 | 398.5 | 411.8 | 425.2 | 430.1 | 426.6 | 423.1 | 419.7 | 416.2 |
| 115° | 432.9 | 519.6 | 514.9 | 510.2 | 505.6 | 500.9 | 496.9 | 493.8 | 490.6 | 487.4 | 484.3 |
| 117.5° | 554.5 | 575.5 | 572.3 | 569.1 | 565.9 | 562.6 | 559.3 | 555.7 | 552.2 | 548.6 | 545.0 |
| 120° | 619.5 | 617.3 | 613.9 | 610.5 | 607.2 | 603.8 | 600.7 | 597.9 | 595.1 | 592.3 | 589.5 |
| 122.5° | 658.4 | 657.0 | 653.4 | 649.7 | 646.0 | 642.4 | 639.1 | 636.1 | 633.1 | 630.2 | 627.2 |
| 125° | 712.9 | 711.6 | 708.1 | 704.5 | 700.9 | 697.4 | 694.3 | 692.0 | 689.5 | 687.1 | 684.7 |
| 127.5° | 762.7 | 760.8 | 758.1 | 755.4 | 752.8 | 750.1 | 747.5 | 744.8 | 742.1 | 739.4 | 736.7 |
| 130° | 794.5 | 792.4 | 790.4 | 788.3 | 786.2 | 784.2 | 781.6 | 778.7 | 775.7 | 772.7 | 769.7 |
| 132.5° | 825.9 | 824.1 | 822.0 | 820.0 | 817.9 | 815.9 | 813.6 | 811.0 | 808.5 | 806.0 | 803.4 |
| 135° | 870.1 | 868.2 | 866.6 | 864.8 | 863.2 | 861.5 | 859.1 | 856.2 | 853.2 | 850.2 | 847.2 |
| 137.5° | 911.3 | 909.5 | 907.6 | 905.7 | 903.8 | 901.8 | 899.8 | 897.8 | 895.6 | 893.6 | 891.4 |
| 140° | 938.1 | 936.4 | 934.4 | 932.3 | 930.3 | 928.2 | 926.5 | 925.0 | 923.4 | 921.9 | 920.4 |
| 142.5° | 962.9 | 961.4 | 959.0 | 956.6 | 954.3 | 952.0 | 950.1 | 948.7 | 947.4 | 946.0 | 944.7 |
| 145° | 997.5 | 996.2 | 993.1 | 989.8 | 986.7 | 983.5 | 982.0 | 982.2 | 982.4 | 982.5 | 982.8 |
| 147.5° | 1027.9 | 1026.9 | 1023.7 | 1020.6 | 1017.5 | 1014.3 | 1013.1 | 1013.8 | 1014.5 | 1015.3 | 1016.0 |
| 150° | 1046.2 | 1045.0 | 1042.1 | 1039.1 | 1036.1 | 1033.1 | 1032.3 | 1033.6 | 1034.9 | 1036.2 | 1037.5 |
| 152.5° | 1063.0 | 1061.9 | 1059.1 | 1056.2 | 1053.4 | 1050.5 | 1049.9 | 1051.3 | 1052.7 | 1054.2 | 1055.7 |
| 155° | 1085.8 | 1084.7 | 1082.4 | 1080.1 | 1077.9 | 1075.7 | 1075.4 | 1077.1 | 1078.8 | 1080.5 | 1082.1 |
| 157.5° | 1104.8 | 1103.5 | 1101.9 | 1100.3 | 1098.8 | 1097.3 | 1097.2 | 1098.6 | 1100.0 | 1101.5 | 1102.9 |
| 160° | 1116.1 | 1115.0 | 1113.9 | 1112.7 | 1111.6 | 1110.5 | 1110.5 | 1111.6 | 1112.7 | 1113.9 | 1115.0 |
| 162.5° | 1126.3 | 1125.1 | 1124.1 | 1123.2 | 1122.1 | 1121.2 | 1121.3 | 1122.4 | 1123.5 | 1124.7 | 1125.8 |
| 165° | 1139.0 | 1137.7 | 1137.2 | 1136.6 | 1136.0 | 1135.4 | 1135.8 | 1136.9 | 1138.0 | 1139.1 | 1140.3 |
| 167.5° | 1149.6 | 1148.3 | 1147.8 | 1147.2 | 1146.8 | 1146.2 | 1146.5 | 1147.6 | 1148.7 | 1149.9 | 1151.0 |
| 170° | 1155.0 | 1153.7 | 1153.3 | 1152.9 | 1152.6 | 1152.2 | 1152.6 | 1153.7 | 1154.8 | 1156.0 | 1157.1 |
| 172.5° | 1159.0 | 1157.8 | 1157.4 | 1157.0 | 1156.7 | 1156.3 | 1156.7 | 1157.8 | 1158.9 | 1160.0 | 1161.1 |
| 175° | 1163.5 | 1162.1 | 1161.7 | 1161.4 | 1161.0 | 1160.6 | 1161.1 | 1162.4 | 1163.7 | 1165.1 | 1166.3 |
| 177.5° | 1164.2 | 1163.2 | 1163.0 | 1162.8 | 1162.7 | 1162.5 | 1163.0 | 1164.0 | 1165.1 | 1166.2 | 1167.2 |
| 180° | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 |
| 2.5° | 1587.9 | 1590.3 | 1598.1 | 1605.9 | 1614.6 | 1617.1 | 1621.0 | 1617.6 | 1616.5 | 1625.8 | 1632.6 |
| 5° | 1592.4 | 1603.3 | 1624.6 | 1644.0 | 1660.4 | 1671.9 | 1684.1 | 1688.9 | 1698.0 | 1710.8 | 1726.6 |
| 7.5° | 1587.3 | 1608.5 | 1642.0 | 1670.2 | 1701.1 | 1723.3 | 1740.7 | 1755.5 | 1773.5 | 1797.6 | 1823.9 |
| 10° | 1581.4 | 1610.0 | 1650.7 | 1685.3 | 1722.9 | 1751.4 | 1775.1 | 1798.2 | 1825.0 | 1858.3 | 1892.9 |
| 12.5° | 1570.8 | 1604.6 | 1655.5 | 1696.5 | 1744.8 | 1772.8 | 1804.7 | 1854.6 | 1883.2 | 1929.7 | 1978.4 |
| 15° | 1549.3 | 1586.9 | 1658.0 | 1708.3 | 1763.0 | 1816.4 | 1875.3 | 1922.6 | 1970.0 | 1997.3 | 2065.9 |
| 17.5° | 1517.3 | 1572.6 | 1651.3 | 1710.1 | 1779.5 | 1863.6 | 1929.8 | 1983.5 | 2038.1 | 2082.4 | 2116.8 |
| 20° | 1491.6 | 1551.7 | 1641.6 | 1712.0 | 1794.5 | 1885.0 | 1960.9 | 2015.5 | 2062.9 | 2099.9 | 2121.1 |
| 22.5° | 1459.0 | 1534.7 | 1622.2 | 1704.7 | 1810.1 | 1899.6 | 1979.3 | 2022.4 | 2061.9 | 2080.0 | 2088.1 |
| 25° | 1407.9 | 1498.9 | 1597.8 | 1698.7 | 1817.7 | 1912.3 | 1985.2 | 2011.3 | 2022.8 | 2005.3 | 1976.1 |
| 27.5° | 1352.6 | 1454.1 | 1569.8 | 1687.2 | 1813.0 | 1904.1 | 1956.3 | 1952.2 | 1932.6 | 1875.7 | 1830.1 |
| 30° | 1311.3 | 1423.0 | 1547.4 | 1675.5 | 1801.8 | 1890.5 | 1920.8 | 1890.5 | 1846.2 | 1782.4 | 1717.5 |
| 32.5° | 1268.1 | 1383.7 | 1523.7 | 1659.1 | 1781.5 | 1859.4 | 1866.0 | 1813.8 | 1745.2 | 1672.7 | 1591.7 |
| 35° | 1202.6 | 1327.7 | 1478.8 | 1622.2 | 1738.1 | 1787.2 | 1758.2 | 1665.9 | 1584.5 | 1485.6 | 1375.1 |
| 37.5° | 1128.7 | 1266.8 | 1418.4 | 1568.1 | 1673.2 | 1686.0 | 1613.7 | 1516.5 | 1401.8 | 1285.5 | 1155.4 |
| 40° | 1073.3 | 1219.6 | 1375.7 | 1526.9 | 1619.7 | 1606.4 | 1514.1 | 1407.2 | 1270.7 | 1128.5 | 1007.7 |
| 42.5° | 1023.8 | 1170.1 | 1329.0 | 1477.3 | 1551.7 | 1515.0 | 1407.2 | 1276.1 | 1129.3 | 995.5 | 884.9 |
| 45° | 937.9 | 1088.5 | 1251.3 | 1394.5 | 1437.0 | 1370.8 | 1228.1 | 1082.4 | 937.9 | 826.2 | 738.9 |
| 47.5° | 854.7 | 1003.5 | 1164.7 | 1290.5 | 1305.6 | 1216.6 | 1060.7 | 910.8 | 786.6 | 695.6 | 633.9 |
| 50° | 793.4 | 942.8 | 1102.5 | 1214.8 | 1209.9 | 1102.5 | 942.2 | 799.5 | 695.7 | 622.3 | 581.0 |
| 52.5° | 738.6 | 879.6 | 1033.0 | 1135.1 | 1109.4 | 992.2 | 839.2 | 712.6 | 627.2 | 569.8 | 532.4 |
| 55° | 653.2 | 783.8 | 929.5 | 1011.4 | 964.1 | 834.2 | 704.8 | 602.9 | 539.7 | 496.6 | 467.5 |
| 57.5° | 568.5 | 690.9 | 815.6 | 866.1 | 813.7 | 693.8 | 586.0 | 512.0 | 464.5 | 432.6 | 413.7 |
| 60° | 516.0 | 622.9 | 734.0 | 777.7 | 715.2 | 608.3 | 523.3 | 457.2 | 418.9 | 392.8 | 375.8 |
| 62.5° | 463.6 | 559.3 | 664.0 | 687.9 | 630.7 | 540.3 | 465.0 | 410.0 | 378.6 | 355.4 | 339.4 |
| 65° | 392.2 | 470.5 | 550.0 | 565.8 | 513.0 | 443.1 | 383.7 | 347.8 | 320.0 | 302.9 | 290.2 |
| 67.5° | 321.6 | 384.5 | 440.8 | 453.6 | 407.3 | 358.9 | 315.9 | 284.7 | 265.8 | 251.7 | 240.9 |
| 70° | 279.9 | 329.6 | 375.8 | 386.1 | 349.1 | 305.9 | 273.2 | 248.3 | 231.3 | 219.2 | 208.8 |
| 72.5° | 235.7 | 277.2 | 315.5 | 322.5 | 292.2 | 259.4 | 232.4 | 212.9 | 197.8 | 190.0 | 180.2 |
| 75° | 180.3 | 204.6 | 234.3 | 236.1 | 216.1 | 196.1 | 175.5 | 162.7 | 154.8 | 145.1 | 140.2 |
| 77.5° | 127.2 | 146.3 | 163.3 | 166.6 | 154.7 | 141.1 | 129.5 | 119.5 | 112.8 | 108.3 | 103.8 |
| 80° | 97.1 | 112.3 | 119.6 | 123.8 | 115.3 | 105.6 | 98.9 | 92.3 | 88.0 | 85.0 | 82.0 |
| 82.5° | 69.5 | 78.8 | 85.6 | 88.9 | 84.3 | 78.4 | 71.8 | 68.0 | 64.7 | 62.2 | 61.1 |
| 85° | 35.2 | 39.5 | 43.7 | 44.9 | 43.7 | 41.3 | 37.6 | 37.6 | 35.8 | 35.2 | 35.2 |
| 87.5° | 12.8 | 15.1 | 15.5 | 17.3 | 16.7 | 17.0 | 17.3 | 17.2 | 17.0 | 16.6 | 16.4 |
| 90° | 2.9 | 5.0 | 7.1 | 9.1 | 10.9 | 12.4 | 13.9 | 15.4 | 16.9 | 17.7 | 18.7 |
| 92.5° | 16.8 | 16.6 | 16.5 | 16.2 | 16.6 | 17.3 | 18.1 | 18.8 | 19.6 | 20.0 | 20.5 |
| 95° | 48.6 | 42.4 | 36.2 | 30.0 | 27.6 | 28.9 | 30.3 | 31.5 | 32.9 | 33.7 | 34.7 |
| 97.5° | 91.3 | 73.8 | 56.4 | 39.1 | 31.8 | 34.9 | 37.9 | 41.0 | 44.0 | 44.7 | 45.5 |
| 100° | 123.4 | 97.8 | 72.2 | 46.5 | 35.3 | 38.4 | 41.7 | 44.8 | 48.0 | 49.5 | 51.0 |
| 102.5° | 188.1 | 182.7 | 177.2 | 171.8 | 155.8 | 129.2 | 102.6 | 76.0 | 49.4 | 51.3 | 53.2 |
| 105° | 261.7 | 267.2 | 272.8 | 278.5 | 255.7 | 204.6 | 153.5 | 102.4 | 51.3 | 53.4 | 55.5 |
| 107.5° | 331.8 | 336.3 | 340.8 | 345.4 | 317.0 | 255.7 | 194.5 | 133.2 | 71.9 | 69.8 | 67.7 |
| 110° | 377.0 | 381.0 | 384.8 | 388.8 | 363.7 | 309.6 | 255.6 | 201.5 | 147.3 | 128.7 | 110.0 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 419.7 | 423.1 | 426.6 | 430.1 | 425.2 | 411.8 | 398.5 | 385.1 | 371.7 | 303.5 | 235.2 |
| 115° | 487.4 | 490.6 | 493.8 | 496.9 | 500.9 | 505.6 | 510.2 | 514.9 | 519.6 | 432.9 | 346.3 |
| 117.5° | 548.6 | 552.2 | 555.7 | 559.3 | 562.6 | 565.9 | 569.1 | 572.3 | 575.5 | 554.5 | 533.6 |
| 120° | 592.3 | 595.1 | 597.9 | 600.7 | 603.8 | 607.2 | 610.5 | 613.9 | 617.3 | 619.5 | 621.8 |
| 122.5° | 630.2 | 633.1 | 636.1 | 639.1 | 642.4 | 646.0 | 649.7 | 653.4 | 657.0 | 658.4 | 659.7 |
| 125° | 687.1 | 689.5 | 692.0 | 694.3 | 697.4 | 700.9 | 704.5 | 708.1 | 711.6 | 712.9 | 714.2 |
| 127.5° | 739.4 | 742.1 | 744.8 | 747.5 | 750.1 | 752.8 | 755.4 | 758.1 | 760.8 | 762.7 | 764.6 |
| 130° | 772.7 | 775.7 | 778.7 | 781.6 | 784.2 | 786.2 | 788.3 | 790.4 | 792.4 | 794.5 | 796.5 |
| 132.5° | 806.0 | 808.5 | 811.0 | 813.6 | 815.9 | 817.9 | 820.0 | 822.0 | 824.1 | 825.9 | 827.6 |
| 135° | 850.2 | 853.2 | 856.2 | 859.1 | 861.5 | 863.2 | 864.8 | 866.6 | 868.2 | 870.1 | 872.0 |
| 137.5° | 893.6 | 895.6 | 897.8 | 899.8 | 901.8 | 903.8 | 905.7 | 907.6 | 909.5 | 911.3 | 913.1 |
| 140° | 921.9 | 923.4 | 925.0 | 926.5 | 928.2 | 930.3 | 932.3 | 934.4 | 936.4 | 938.1 | 939.8 |
| 142.5° | 946.0 | 947.4 | 948.7 | 950.1 | 952.0 | 954.3 | 956.6 | 959.0 | 961.4 | 962.9 | 964.4 |
| 145° | 982.5 | 982.4 | 982.2 | 982.0 | 983.5 | 986.7 | 989.8 | 993.1 | 996.2 | 997.5 | 998.9 |
| 147.5° | 1015.3 | 1014.5 | 1013.8 | 1013.1 | 1014.3 | 1017.5 | 1020.6 | 1023.7 | 1026.9 | 1027.9 | 1028.8 |
| 150° | 1036.2 | 1034.9 | 1033.6 | 1032.3 | 1033.1 | 1036.1 | 1039.1 | 1042.1 | 1045.0 | 1046.2 | 1047.3 |
| 152.5° | 1054.2 | 1052.7 | 1051.3 | 1049.9 | 1050.5 | 1053.4 | 1056.2 | 1059.1 | 1061.9 | 1063.0 | 1064.1 |
| 155° | 1080.5 | 1078.8 | 1077.1 | 1075.4 | 1075.7 | 1077.9 | 1080.1 | 1082.4 | 1084.7 | 1085.8 | 1086.9 |
| 157.5° | 1101.5 | 1100.0 | 1098.6 | 1097.2 | 1097.3 | 1098.8 | 1100.3 | 1101.9 | 1103.5 | 1104.8 | 1106.0 |
| 160° | 1113.9 | 1112.7 | 1111.6 | 1110.5 | 1110.5 | 1111.6 | 1112.7 | 1113.9 | 1115.0 | 1116.1 | 1117.2 |
| 162.5° | 1124.7 | 1123.5 | 1122.4 | 1121.3 | 1121.2 | 1122.1 | 1123.2 | 1124.1 | 1125.1 | 1126.3 | 1127.6 |
| 165° | 1139.1 | 1138.0 | 1136.9 | 1135.8 | 1135.4 | 1136.0 | 1136.6 | 1137.2 | 1137.7 | 1139.0 | 1140.3 |
| 167.5° | 1149.9 | 1148.7 | 1147.6 | 1146.5 | 1146.2 | 1146.8 | 1147.2 | 1147.8 | 1148.3 | 1149.6 | 1151.0 |
| 170° | 1156.0 | 1154.8 | 1153.7 | 1152.6 | 1152.2 | 1152.6 | 1152.9 | 1153.3 | 1153.7 | 1155.0 | 1156.3 |
| 172.5° | 1160.0 | 1158.9 | 1157.8 | 1156.7 | 1156.3 | 1156.7 | 1157.0 | 1157.4 | 1157.8 | 1159.0 | 1160.4 |
| 175° | 1165.1 | 1163.7 | 1162.4 | 1161.1 | 1160.6 | 1161.0 | 1161.4 | 1161.7 | 1162.1 | 1163.5 | 1164.7 |
| 177.5° | 1166.2 | 1165.1 | 1164.0 | 1163.0 | 1162.5 | 1162.7 | 1162.8 | 1163.0 | 1163.2 | 1164.2 | 1165.2 |
| 180° | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 | 1579.6 |
| 2.5° | 1638.4 | 1645.2 | 1645.2 | 1646.2 | 1653.9 | 1653.0 | 1652.5 |
| 5° | 1743.6 | 1753.9 | 1755.1 | 1766.0 | 1773.3 | 1770.8 | 1764.2 |
| 7.5° | 1842.8 | 1861.9 | 1876.5 | 1884.7 | 1894.3 | 1900.2 | 1897.5 |
| 10° | 1921.4 | 1949.4 | 1966.4 | 1977.9 | 1991.9 | 2002.2 | 1998.5 |
| 12.5° | 1992.8 | 2026.1 | 2049.5 | 2069.2 | 2071.0 | 2084.2 | 2075.3 |
| 15° | 2104.2 | 2139.4 | 2143.0 | 2157.6 | 2169.2 | 2167.9 | 2168.5 |
| 17.5° | 2141.0 | 2152.3 | 2154.6 | 2154.9 | 2155.1 | 2150.8 | 2141.6 |
| 20° | 2127.9 | 2123.6 | 2113.3 | 2105.4 | 2091.4 | 2089.6 | 2077.5 |
| 22.5° | 2065.7 | 2052.2 | 2026.3 | 2009.2 | 1987.5 | 1981.8 | 1978.4 |
| 25° | 1943.3 | 1913.5 | 1872.2 | 1832.8 | 1821.9 | 1800.6 | 1806.7 |
| 27.5° | 1775.4 | 1729.0 | 1684.3 | 1652.3 | 1623.3 | 1591.4 | 1600.5 |
| 30° | 1657.3 | 1605.1 | 1542.0 | 1493.4 | 1462.4 | 1432.1 | 1426.6 |
| 32.5° | 1516.5 | 1440.0 | 1369.6 | 1326.8 | 1279.4 | 1260.2 | 1239.2 |
| 35° | 1273.7 | 1199.0 | 1129.2 | 1069.1 | 1034.5 | 1007.7 | 983.5 |
| 37.5° | 1055.3 | 969.3 | 912.9 | 864.3 | 839.2 | 823.9 | 827.8 |
| 40° | 919.7 | 844.5 | 803.2 | 766.1 | 743.1 | 732.1 | 734.6 |
| 42.5° | 810.0 | 753.6 | 719.6 | 694.3 | 678.0 | 671.9 | 670.5 |
| 45° | 685.4 | 653.9 | 625.9 | 611.3 | 603.5 | 596.8 | 592.6 |
| 47.5° | 600.4 | 574.6 | 558.9 | 550.2 | 543.4 | 536.5 | 536.4 |
| 50° | 549.4 | 532.4 | 521.5 | 512.4 | 506.9 | 502.1 | 506.3 |
| 52.5° | 510.6 | 495.0 | 484.1 | 475.9 | 473.9 | 469.5 | 469.4 |
| 55° | 452.9 | 440.8 | 432.8 | 425.6 | 421.9 | 419.5 | 416.5 |
| 57.5° | 400.4 | 388.9 | 381.6 | 377.0 | 370.1 | 367.7 | 366.7 |
| 60° | 363.1 | 353.9 | 346.7 | 340.6 | 337.5 | 332.7 | 332.7 |
| 62.5° | 328.5 | 319.5 | 312.7 | 308.0 | 303.1 | 301.1 | 301.6 |
| 65° | 278.7 | 271.4 | 264.7 | 259.8 | 258.6 | 255.0 | 256.2 |
| 67.5° | 232.7 | 227.9 | 220.9 | 218.2 | 215.9 | 214.0 | 212.5 |
| 70° | 202.2 | 197.3 | 193.7 | 190.0 | 188.2 | 188.2 | 188.2 |
| 72.5° | 176.4 | 170.6 | 168.4 | 163.8 | 164.9 | 163.0 | 161.0 |
| 75° | 136.6 | 132.9 | 131.1 | 129.3 | 126.3 | 126.3 | 126.3 |
| 77.5° | 100.5 | 99.4 | 97.3 | 95.3 | 94.6 | 94.0 | 94.2 |
| 80° | 77.7 | 77.1 | 75.9 | 75.9 | 74.7 | 74.1 | 72.9 |
| 82.5° | 59.7 | 58.1 | 57.4 | 57.0 | 56.7 | 56.6 | 56.3 |
| 85° | 34.0 | 32.8 | 32.8 | 33.4 | 32.2 | 32.2 | 32.8 |
| 87.5° | 17.0 | 17.3 | 16.9 | 17.0 | 17.5 | 17.1 | 17.2 |
| 90° | 19.6 | 20.6 | 21.2 | 21.6 | 22.0 | 22.3 | 22.7 |
| 92.5° | 21.0 | 21.5 | 21.9 | 22.1 | 22.3 | 22.5 | 22.7 |
| 95° | 35.6 | 36.6 | 37.0 | 36.8 | 36.6 | 36.4 | 36.2 |
| 97.5° | 46.2 | 47.0 | 47.5 | 47.7 | 47.9 | 48.1 | 48.3 |
| 100° | 52.5 | 54.0 | 54.9 | 55.3 | 55.7 | 56.1 | 56.4 |
| 102.5° | 55.2 | 57.1 | 58.4 | 58.9 | 59.4 | 60.0 | 60.4 |
| 105° | 57.5 | 59.6 | 61.0 | 61.8 | 62.5 | 63.2 | 64.0 |
| 107.5° | 65.6 | 63.5 | 62.9 | 63.6 | 64.3 | 65.1 | 65.8 |
| 110° | 91.3 | 72.5 | 63.5 | 64.2 | 65.0 | 65.8 | 66.5 |



TEST NUMBER: P331456-927

CATALOG NUMBER: S122DIP-S1005D1080U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 166.9 | 98.6 | 64.8 | 65.4 | 66.0 | 66.6 | 67.2 |
| 115° | 259.7 | 173.0 | 122.9 | 109.5 | 96.0 | 82.5 | 69.1 |
| 117.5° | 512.6 | 491.7 | 459.1 | 414.8 | 370.5 | 326.2 | 281.9 |
| 120° | 624.0 | 626.3 | 614.7 | 589.5 | 564.2 | 538.9 | 513.7 |
| 122.5° | 661.1 | 662.4 | 660.6 | 655.8 | 650.9 | 645.9 | 641.0 |
| 125° | 715.5 | 716.8 | 717.8 | 718.4 | 718.9 | 719.5 | 720.0 |
| 127.5° | 766.5 | 768.4 | 769.4 | 769.5 | 769.7 | 769.8 | 769.8 |
| 130° | 798.6 | 800.7 | 801.6 | 801.5 | 801.2 | 801.1 | 800.9 |
| 132.5° | 829.4 | 831.2 | 831.9 | 831.7 | 831.6 | 831.4 | 831.2 |
| 135° | 873.9 | 875.7 | 876.5 | 876.1 | 875.7 | 875.4 | 875.0 |
| 137.5° | 915.0 | 916.8 | 917.4 | 916.8 | 916.2 | 915.5 | 914.9 |
| 140° | 941.5 | 943.2 | 943.6 | 942.6 | 941.7 | 940.7 | 939.8 |
| 142.5° | 966.0 | 967.5 | 967.8 | 966.9 | 965.9 | 965.0 | 964.1 |
| 145° | 1000.1 | 1001.5 | 1001.6 | 1000.8 | 999.8 | 998.9 | 997.9 |
| 147.5° | 1029.8 | 1030.8 | 1030.9 | 1030.1 | 1029.3 | 1028.5 | 1027.7 |
| 150° | 1048.5 | 1049.6 | 1049.6 | 1048.7 | 1047.8 | 1046.9 | 1045.9 |
| 152.5° | 1065.3 | 1066.4 | 1066.4 | 1065.1 | 1063.9 | 1062.6 | 1061.4 |
| 155° | 1088.1 | 1089.2 | 1088.9 | 1087.4 | 1086.0 | 1084.5 | 1083.0 |
| 157.5° | 1107.3 | 1108.6 | 1108.5 | 1107.1 | 1105.6 | 1104.1 | 1102.6 |
| 160° | 1118.3 | 1119.4 | 1119.4 | 1118.1 | 1116.7 | 1115.5 | 1114.1 |
| 162.5° | 1128.9 | 1130.2 | 1130.0 | 1128.4 | 1126.8 | 1125.1 | 1123.6 |
| 165° | 1141.6 | 1143.0 | 1143.0 | 1141.6 | 1140.3 | 1139.0 | 1137.7 |
| 167.5° | 1152.2 | 1153.6 | 1153.3 | 1151.7 | 1150.0 | 1148.3 | 1146.6 |
| 170° | 1157.6 | 1159.0 | 1158.7 | 1157.1 | 1155.4 | 1153.7 | 1152.0 |
| 172.5° | 1161.7 | 1163.0 | 1162.8 | 1161.1 | 1159.4 | 1157.8 | 1156.0 |
| 175° | 1166.1 | 1167.4 | 1167.1 | 1165.2 | 1163.3 | 1161.5 | 1159.6 |
| 177.5° | 1166.3 | 1167.4 | 1167.2 | 1165.9 | 1164.5 | 1163.2 | 1161.8 |
| 180° | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 | 1163.8 |

(END OF REPORT)