

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: P333268-840

Luminaire Tested: **S125DIP-S1090D810U840-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333268-840
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125DIP-S1090D810U840-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1090 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 810 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7805.3 lumens
Efficiency: N/A
Efficacy: 143.5 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: General Diffuse

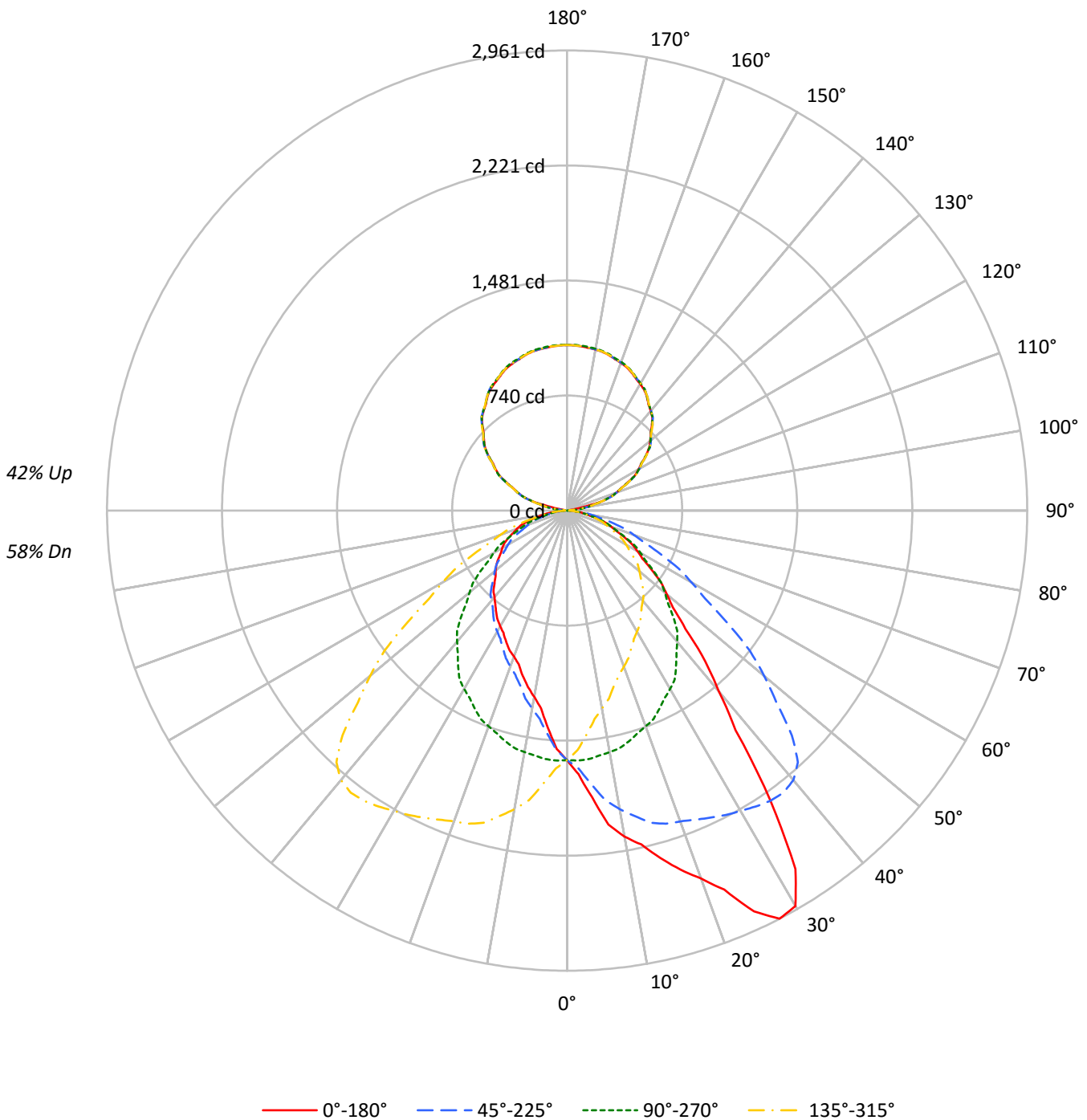
Input Watts (W): 54.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-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 | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 75 | 75 | 75 | 64 | 64 | 64 | 58 |
| 1 | 100 | 96 | 92 | 88 | 93 | 89 | 86 | 83 | 77 | 75 | 73 | 67 | 65 | 63 | 57 | 55 | 54 | 49 |
| 2 | 91 | 84 | 78 | 73 | 85 | 78 | 73 | 68 | 68 | 64 | 61 | 59 | 56 | 53 | 50 | 48 | 46 | 42 |
| 3 | 83 | 74 | 67 | 61 | 77 | 69 | 63 | 57 | 60 | 55 | 51 | 52 | 48 | 45 | 45 | 42 | 39 | 36 |
| 4 | 76 | 65 | 58 | 52 | 71 | 61 | 54 | 49 | 54 | 48 | 44 | 47 | 42 | 39 | 40 | 37 | 34 | 31 |
| 5 | 70 | 58 | 50 | 44 | 65 | 55 | 48 | 42 | 48 | 42 | 38 | 42 | 37 | 34 | 36 | 33 | 30 | 27 |
| 6 | 65 | 53 | 44 | 39 | 60 | 49 | 42 | 37 | 43 | 38 | 33 | 38 | 33 | 30 | 33 | 29 | 26 | 24 |
| 7 | 60 | 47 | 39 | 34 | 56 | 45 | 37 | 32 | 39 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 21 |
| 8 | 56 | 43 | 35 | 30 | 52 | 41 | 34 | 29 | 36 | 30 | 26 | 32 | 27 | 23 | 27 | 24 | 21 | 19 |
| 9 | 52 | 39 | 32 | 27 | 48 | 37 | 30 | 26 | 33 | 27 | 23 | 29 | 24 | 21 | 25 | 22 | 19 | 17 |
| 10 | 48 | 36 | 29 | 24 | 45 | 34 | 28 | 23 | 30 | 25 | 21 | 27 | 22 | 19 | 23 | 20 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 10371 | 10371 | 10371 | 10371 |
| 5° | 12010 | 10407 | 9111 | 10407 |
| 10° | 13973 | 10352 | 7984 | 10352 |
| 15° | 15468 | 10277 | 7365 | 10277 |
| 20° | 17314 | 10156 | 6868 | 10156 |
| 25° | 20283 | 10020 | 6625 | 10020 |
| 30° | 21908 | 9887 | 6415 | 9887 |
| 35° | 18013 | 9635 | 6277 | 9635 |
| 40° | 12803 | 9286 | 6126 | 9286 |
| 45° | 9836 | 8815 | 6039 | 8815 |
| 50° | 8397 | 8232 | 6027 | 8232 |
| 55° | 7475 | 7659 | 6079 | 7659 |
| 60° | 6744 | 7034 | 6234 | 7034 |
| 65° | 6229 | 6406 | 6395 | 6406 |
| 70° | 5663 | 5754 | 6488 | 5754 |
| 75° | 5001 | 5068 | 6428 | 5068 |
| 80° | 4206 | 4132 | 5880 | 4132 |
| 85° | 3327 | 2979 | 4742 | 2979 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 154.6 | 2.0 |
| 10°-20° | 460.3 | 5.9 |
| 20°-30° | 747.4 | 9.6 |
| 30°-40° | 911.7 | 11.7 |
| 40°-50° | 829.4 | 10.6 |
| 50°-60° | 660.6 | 8.5 |
| 60°-70° | 460.1 | 5.9 |
| 70°-80° | 245.4 | 3.1 |
| 80°-90° | 64.1 | 0.8 |
| 90°-100° | 38.7 | 0.5 |
| 100°-110° | 238.6 | 3.1 |
| 110°-120° | 432.8 | 5.5 |
| 120°-130° | 555.4 | 7.1 |
| 130°-140° | 597.4 | 7.7 |
| 140°-150° | 560.7 | 7.2 |
| 150°-160° | 453.6 | 5.8 |
| 160°-170° | 293.3 | 3.8 |
| 170°-180° | 101.2 | 1.3 |
| 0°-30° | 1362.3 | 17.5 |
| 0°-40° | 2274.0 | 29.1 |
| 0°-60° | 3764.0 | 48.2 |
| 0°-90° | 4533.7 | 58.1 |
| 90°-120° | 710.1 | 9.1 |
| 90°-150° | 2423.5 | 31.0 |
| 90°-180° | 3272.0 | 41.9 |
| 0°-180° | 7805.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1606 | 1606 | 1606 | 1606 | 1606 | |
| 5° | 1853 | 1605 | 1405 | 1605 | 1853 | 187 |
| 15° | 2313 | 1537 | 1102 | 1537 | 2313 | 662 |
| 25° | 2846 | 1406 | 930 | 1406 | 2846 | 1300 |
| 35° | 2285 | 1222 | 796 | 1222 | 2285 | 1398 |
| 45° | 1077 | 965 | 661 | 965 | 1077 | 862 |
| 55° | 664 | 680 | 540 | 680 | 664 | 598 |
| 65° | 408 | 419 | 418 | 419 | 408 | 405 |
| 75° | 200 | 203 | 258 | 203 | 200 | 216 |
| 85° | 45 | 40 | 64 | 40 | 45 | 52 |
| 90° | 19 | 1 | 19 | 1 | 19 | 10 |
| 95° | 17 | 45 | 17 | 45 | 17 | 14 |
| 105° | 235 | 232 | 235 | 232 | 235 | 212 |
| 115° | 433 | 436 | 433 | 436 | 433 | 430 |
| 125° | 620 | 620 | 620 | 620 | 620 | 552 |
| 135° | 770 | 773 | 770 | 773 | 770 | 594 |
| 145° | 894 | 896 | 894 | 896 | 894 | 558 |
| 155° | 980 | 987 | 980 | 987 | 980 | 452 |
| 165° | 1036 | 1042 | 1036 | 1042 | 1036 | 292 |
| 175° | 1061 | 1065 | 1061 | 1065 | 1061 | 101 |
| 180° | 1065 | 1065 | 1065 | 1065 | 1065 | |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5° | 1698.6 | 1696.4 | 1694.3 | 1689.8 | 1693.1 | 1683.8 | 1679.5 | 1671.8 | 1662.5 | 1659.3 | 1655.5 |
| 5° | 1852.6 | 1856.0 | 1859.5 | 1845.1 | 1846.4 | 1836.9 | 1815.1 | 1797.4 | 1783.1 | 1764.6 | 1751.7 |
| 7.5° | 2038.0 | 2029.9 | 2029.3 | 2020.0 | 2004.1 | 1991.3 | 1968.3 | 1939.1 | 1911.0 | 1878.8 | 1852.2 |
| 10° | 2130.7 | 2131.4 | 2125.3 | 2114.4 | 2097.3 | 2085.1 | 2055.1 | 2026.4 | 1991.7 | 1950.8 | 1921.5 |
| 12.5° | 2200.5 | 2203.3 | 2195.6 | 2180.9 | 2172.5 | 2145.1 | 2121.6 | 2087.5 | 2046.2 | 2013.5 | 1968.9 |
| 15° | 2313.4 | 2305.9 | 2300.5 | 2282.0 | 2267.8 | 2239.1 | 2201.6 | 2166.2 | 2121.1 | 2079.6 | 2038.0 |
| 17.5° | 2422.2 | 2428.1 | 2417.9 | 2401.2 | 2356.7 | 2323.3 | 2273.0 | 2224.5 | 2168.5 | 2112.7 | 2063.1 |
| 20° | 2519.2 | 2524.7 | 2509.0 | 2479.7 | 2426.5 | 2393.2 | 2327.0 | 2264.3 | 2199.6 | 2128.0 | 2073.5 |
| 22.5° | 2640.3 | 2635.9 | 2614.7 | 2570.2 | 2524.2 | 2462.4 | 2390.9 | 2314.5 | 2233.3 | 2152.5 | 2080.0 |
| 25° | 2846.4 | 2817.7 | 2804.8 | 2749.7 | 2689.0 | 2598.3 | 2500.1 | 2388.3 | 2287.4 | 2180.5 | 2087.8 |
| 27.5° | 2960.6 | 2951.6 | 2937.2 | 2898.7 | 2835.0 | 2738.0 | 2622.3 | 2486.1 | 2343.8 | 2208.7 | 2087.4 |
| 30° | 2937.7 | 2939.1 | 2940.4 | 2928.2 | 2887.3 | 2814.4 | 2699.2 | 2552.6 | 2383.6 | 2231.6 | 2091.1 |
| 32.5° | 2734.9 | 2759.7 | 2783.4 | 2811.5 | 2823.0 | 2808.9 | 2736.8 | 2604.4 | 2430.4 | 2257.8 | 2089.0 |
| 35° | 2284.7 | 2292.3 | 2369.2 | 2445.6 | 2549.2 | 2629.7 | 2683.5 | 2624.8 | 2478.3 | 2280.0 | 2086.4 |
| 37.5° | 1781.5 | 1818.3 | 1871.6 | 1957.8 | 2107.4 | 2241.3 | 2413.5 | 2492.6 | 2445.4 | 2287.2 | 2081.6 |
| 40° | 1518.6 | 1552.7 | 1587.5 | 1675.4 | 1801.5 | 1963.7 | 2159.3 | 2326.3 | 2365.2 | 2264.3 | 2065.3 |
| 42.5° | 1315.8 | 1342.8 | 1381.4 | 1447.4 | 1552.9 | 1696.6 | 1883.4 | 2101.6 | 2235.9 | 2197.8 | 2030.9 |
| 45° | 1076.9 | 1094.0 | 1124.0 | 1176.5 | 1252.8 | 1365.2 | 1530.2 | 1768.8 | 1976.7 | 2045.5 | 1949.4 |
| 47.5° | 921.8 | 921.7 | 945.0 | 981.3 | 1036.3 | 1131.9 | 1253.8 | 1440.8 | 1662.8 | 1827.1 | 1819.5 |
| 50° | 835.7 | 832.2 | 850.6 | 882.0 | 925.6 | 989.1 | 1105.6 | 1254.9 | 1468.1 | 1654.3 | 1706.1 |
| 52.5° | 761.5 | 761.9 | 773.3 | 796.4 | 832.9 | 887.1 | 974.1 | 1108.7 | 1291.0 | 1482.0 | 1579.5 |
| 55° | 663.9 | 661.2 | 674.1 | 689.8 | 716.4 | 751.8 | 814.6 | 917.5 | 1065.3 | 1253.4 | 1380.3 |
| 57.5° | 574.4 | 582.0 | 587.1 | 598.0 | 620.2 | 643.9 | 696.7 | 772.2 | 889.6 | 1051.1 | 1185.1 |
| 60° | 522.1 | 529.6 | 533.7 | 544.6 | 562.3 | 582.8 | 623.7 | 685.0 | 783.9 | 922.9 | 1055.8 |
| 62.5° | 475.2 | 481.1 | 482.4 | 492.2 | 506.8 | 526.6 | 558.8 | 610.4 | 688.4 | 810.0 | 940.2 |
| 65° | 407.6 | 407.6 | 410.3 | 420.5 | 427.4 | 445.0 | 469.6 | 507.2 | 569.9 | 664.6 | 775.7 |
| 67.5° | 342.4 | 345.7 | 345.1 | 349.5 | 355.8 | 369.6 | 387.2 | 418.1 | 464.5 | 533.7 | 622.6 |
| 70° | 299.9 | 302.7 | 301.9 | 305.4 | 312.1 | 321.0 | 335.4 | 364.7 | 398.1 | 457.4 | 533.7 |
| 72.5° | 261.8 | 262.9 | 261.1 | 265.6 | 269.6 | 277.4 | 293.4 | 309.0 | 340.2 | 390.3 | 453.0 |
| 75° | 200.4 | 201.8 | 203.1 | 205.8 | 210.0 | 214.0 | 222.2 | 237.9 | 258.3 | 295.8 | 336.1 |
| 77.5° | 150.3 | 147.6 | 150.9 | 150.5 | 152.8 | 155.9 | 163.2 | 171.5 | 188.2 | 212.0 | 243.1 |
| 80° | 113.1 | 113.8 | 113.8 | 114.5 | 118.0 | 120.0 | 126.1 | 132.2 | 145.2 | 162.9 | 184.7 |
| 82.5° | 82.6 | 84.4 | 83.3 | 84.5 | 87.4 | 88.9 | 92.3 | 97.4 | 104.8 | 118.8 | 134.5 |
| 85° | 44.9 | 41.6 | 42.9 | 44.3 | 44.3 | 44.9 | 47.7 | 49.8 | 53.8 | 59.3 | 65.4 |
| 87.5° | 16.9 | 17.9 | 18.3 | 18.2 | 18.7 | 18.5 | 20.5 | 20.3 | 21.8 | 23.2 | 25.1 |
| 90° | 19.0 | 18.4 | 17.9 | 17.4 | 16.9 | 16.2 | 15.2 | 14.4 | 13.5 | 12.6 | 11.4 |
| 92.5° | 17.7 | 17.5 | 17.2 | 17.0 | 16.7 | 16.2 | 15.2 | 14.4 | 13.5 | 12.6 | 11.5 |
| 95° | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.2 | 15.2 | 14.4 | 13.5 | 12.6 | 19.3 |
| 97.5° | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 19.1 | 24.0 | 29.0 | 33.9 | 38.9 | 52.0 |
| 100° | 16.6 | 17.3 | 18.0 | 18.7 | 19.4 | 32.8 | 59.0 | 85.1 | 111.3 | 137.4 | 136.7 |
| 102.5° | 99.4 | 111.3 | 123.2 | 135.1 | 147.1 | 155.5 | 160.5 | 165.4 | 170.4 | 175.3 | 174.9 |
| 105° | 234.6 | 234.7 | 234.9 | 235.1 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 |
| 107.5° | 295.7 | 296.2 | 296.7 | 297.3 | 297.8 | 298.0 | 298.0 | 298.0 | 297.9 | 297.9 | 297.5 |
| 110° | 338.0 | 337.8 | 337.7 | 337.5 | 337.3 | 337.5 | 338.0 | 338.5 | 339.1 | 339.6 | 339.2 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 376.0 | 376.2 | 376.4 | 376.7 | 376.9 | 377.4 | 378.0 | 378.7 | 379.4 | 380.0 | 379.8 |
| 115° | 432.8 | 433.8 | 434.8 | 436.0 | 437.0 | 437.9 | 438.6 | 439.3 | 440.0 | 440.7 | 440.5 |
| 117.5° | 493.4 | 493.9 | 494.3 | 494.8 | 495.2 | 495.9 | 496.9 | 497.8 | 498.7 | 499.6 | 499.0 |
| 120° | 530.7 | 531.6 | 532.5 | 533.3 | 534.2 | 534.8 | 535.2 | 535.5 | 535.9 | 536.2 | 535.7 |
| 122.5° | 566.1 | 567.1 | 568.2 | 569.2 | 570.2 | 570.9 | 571.2 | 571.6 | 571.9 | 572.3 | 572.0 |
| 125° | 620.0 | 620.5 | 621.0 | 621.6 | 622.1 | 622.7 | 623.4 | 624.1 | 624.8 | 625.5 | 625.5 |
| 127.5° | 665.3 | 666.6 | 667.9 | 669.2 | 670.4 | 671.4 | 671.8 | 672.1 | 672.5 | 672.9 | 673.0 |
| 130° | 698.1 | 699.0 | 699.9 | 700.7 | 701.7 | 702.4 | 702.9 | 703.4 | 704.0 | 704.5 | 704.3 |
| 132.5° | 728.5 | 729.3 | 730.2 | 731.1 | 732.0 | 732.5 | 732.6 | 732.7 | 732.8 | 732.9 | 733.3 |
| 135° | 770.0 | 771.0 | 772.1 | 773.2 | 774.3 | 775.0 | 775.3 | 775.7 | 776.0 | 776.4 | 776.7 |
| 137.5° | 811.7 | 812.6 | 813.5 | 814.5 | 815.4 | 815.8 | 815.7 | 815.7 | 815.6 | 815.5 | 815.9 |
| 140° | 836.4 | 837.4 | 838.5 | 839.5 | 840.6 | 840.9 | 840.6 | 840.2 | 839.9 | 839.5 | 839.7 |
| 142.5° | 859.7 | 860.8 | 861.8 | 862.9 | 863.9 | 864.4 | 864.3 | 864.3 | 864.2 | 864.1 | 863.9 |
| 145° | 894.0 | 895.0 | 896.2 | 897.2 | 898.2 | 898.7 | 898.5 | 898.3 | 898.2 | 898.0 | 898.0 |
| 147.5° | 922.3 | 923.5 | 924.8 | 926.0 | 927.4 | 927.9 | 927.7 | 927.5 | 927.3 | 927.1 | 926.9 |
| 150° | 940.6 | 942.0 | 943.4 | 944.8 | 946.2 | 946.7 | 946.4 | 946.0 | 945.7 | 945.3 | 945.0 |
| 152.5° | 957.7 | 959.0 | 960.2 | 961.5 | 962.7 | 963.2 | 962.8 | 962.5 | 962.1 | 961.8 | 961.4 |
| 155° | 980.1 | 981.5 | 982.9 | 984.3 | 985.7 | 986.1 | 985.6 | 985.1 | 984.5 | 984.0 | 983.7 |
| 157.5° | 998.9 | 1000.3 | 1001.7 | 1003.1 | 1004.5 | 1004.9 | 1004.4 | 1003.8 | 1003.2 | 1002.7 | 1002.6 |
| 160° | 1010.9 | 1012.3 | 1013.7 | 1015.1 | 1016.5 | 1016.8 | 1016.1 | 1015.4 | 1014.7 | 1014.0 | 1013.9 |
| 162.5° | 1021.7 | 1023.2 | 1024.7 | 1026.2 | 1027.8 | 1028.0 | 1027.1 | 1026.1 | 1025.1 | 1024.2 | 1024.0 |
| 165° | 1036.1 | 1037.5 | 1038.9 | 1040.4 | 1041.8 | 1042.0 | 1040.9 | 1039.9 | 1038.8 | 1037.7 | 1037.5 |
| 167.5° | 1046.3 | 1047.8 | 1049.5 | 1051.0 | 1052.6 | 1052.8 | 1051.5 | 1050.3 | 1048.9 | 1047.7 | 1047.5 |
| 170° | 1052.0 | 1053.5 | 1055.1 | 1056.7 | 1058.2 | 1058.3 | 1056.9 | 1055.5 | 1054.2 | 1052.8 | 1052.6 |
| 172.5° | 1055.7 | 1057.3 | 1058.9 | 1060.5 | 1062.1 | 1062.3 | 1061.0 | 1059.7 | 1058.4 | 1057.1 | 1056.8 |
| 175° | 1060.7 | 1062.3 | 1063.8 | 1065.4 | 1066.9 | 1067.0 | 1065.6 | 1064.2 | 1062.9 | 1061.5 | 1061.3 |
| 177.5° | 1063.5 | 1064.6 | 1065.7 | 1066.8 | 1068.0 | 1068.0 | 1067.0 | 1066.1 | 1065.1 | 1064.1 | 1064.0 |
| 180° | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5° | 1652.2 | 1648.4 | 1644.1 | 1636.4 | 1627.1 | 1622.2 | 1614.6 | 1609.7 | 1599.8 | 1591.6 | 1583.0 |
| 5° | 1736.1 | 1718.4 | 1702.0 | 1680.8 | 1657.7 | 1642.6 | 1625.0 | 1605.2 | 1584.8 | 1563.6 | 1540.4 |
| 7.5° | 1822.9 | 1791.5 | 1757.5 | 1720.8 | 1685.0 | 1651.9 | 1620.4 | 1589.5 | 1560.6 | 1525.7 | 1496.1 |
| 10° | 1881.3 | 1841.7 | 1799.5 | 1749.7 | 1701.3 | 1659.0 | 1616.1 | 1578.6 | 1540.4 | 1499.5 | 1463.4 |
| 12.5° | 1939.5 | 1886.9 | 1827.2 | 1772.6 | 1714.3 | 1663.3 | 1612.9 | 1565.0 | 1517.0 | 1471.8 | 1429.6 |
| 15° | 1980.7 | 1934.4 | 1879.2 | 1801.5 | 1736.1 | 1665.9 | 1599.0 | 1537.0 | 1479.0 | 1428.7 | 1375.5 |
| 17.5° | 2007.9 | 1948.1 | 1888.9 | 1814.3 | 1728.6 | 1650.0 | 1574.4 | 1503.4 | 1438.0 | 1374.1 | 1322.8 |
| 20° | 2012.8 | 1951.5 | 1889.5 | 1816.4 | 1728.6 | 1638.6 | 1563.0 | 1477.7 | 1407.5 | 1341.4 | 1278.7 |
| 22.5° | 2011.1 | 1941.7 | 1874.1 | 1799.1 | 1713.3 | 1630.4 | 1538.9 | 1452.1 | 1375.9 | 1310.9 | 1245.5 |
| 25° | 1995.8 | 1921.5 | 1836.9 | 1761.3 | 1676.8 | 1588.8 | 1496.1 | 1406.1 | 1328.5 | 1254.2 | 1189.4 |
| 27.5° | 1983.0 | 1886.5 | 1790.9 | 1702.6 | 1621.0 | 1540.4 | 1451.7 | 1359.6 | 1273.3 | 1198.1 | 1137.1 |
| 30° | 1967.1 | 1861.5 | 1753.7 | 1661.7 | 1577.9 | 1499.5 | 1415.7 | 1325.8 | 1235.8 | 1162.2 | 1096.7 |
| 32.5° | 1953.0 | 1829.9 | 1716.2 | 1616.0 | 1527.2 | 1451.0 | 1373.7 | 1288.1 | 1199.7 | 1125.1 | 1059.7 |
| 35° | 1925.5 | 1783.1 | 1652.9 | 1539.7 | 1445.0 | 1366.7 | 1301.9 | 1222.1 | 1141.0 | 1068.7 | 1006.0 |
| 37.5° | 1890.8 | 1721.7 | 1582.1 | 1463.4 | 1359.6 | 1277.0 | 1216.7 | 1155.5 | 1077.6 | 1007.9 | 951.3 |
| 40° | 1863.5 | 1678.1 | 1530.2 | 1408.9 | 1301.2 | 1215.3 | 1159.4 | 1101.5 | 1036.7 | 972.0 | 912.0 |
| 42.5° | 1829.2 | 1638.9 | 1477.8 | 1347.3 | 1240.6 | 1157.0 | 1098.3 | 1049.1 | 992.0 | 931.6 | 876.0 |
| 45° | 1766.1 | 1567.7 | 1393.2 | 1252.8 | 1145.1 | 1062.6 | 1002.0 | 965.1 | 922.2 | 864.9 | 817.9 |
| 47.5° | 1673.2 | 1482.2 | 1301.7 | 1156.8 | 1045.7 | 969.3 | 912.4 | 877.1 | 846.9 | 804.3 | 761.6 |
| 50° | 1590.8 | 1418.5 | 1235.8 | 1092.0 | 980.9 | 903.8 | 851.3 | 819.3 | 793.3 | 760.6 | 724.6 |
| 52.5° | 1498.7 | 1338.3 | 1170.8 | 1028.6 | 918.7 | 842.7 | 791.3 | 763.2 | 741.5 | 718.1 | 682.6 |
| 55° | 1352.3 | 1216.0 | 1060.6 | 925.6 | 824.0 | 749.7 | 704.8 | 680.2 | 662.6 | 644.8 | 623.0 |
| 57.5° | 1191.0 | 1084.4 | 946.7 | 823.3 | 729.8 | 662.3 | 620.3 | 596.4 | 582.6 | 573.5 | 560.7 |
| 60° | 1077.6 | 986.3 | 867.7 | 755.2 | 663.9 | 603.9 | 563.0 | 544.6 | 533.0 | 525.5 | 515.9 |
| 62.5° | 972.4 | 897.4 | 787.5 | 684.9 | 605.0 | 548.3 | 511.8 | 493.9 | 482.8 | 479.2 | 471.3 |
| 65° | 817.3 | 759.3 | 668.6 | 583.5 | 515.3 | 466.9 | 436.3 | 419.2 | 412.3 | 408.3 | 409.0 |
| 67.5° | 664.4 | 629.1 | 556.3 | 483.6 | 429.3 | 388.7 | 364.2 | 351.0 | 347.6 | 342.1 | 342.0 |
| 70° | 571.2 | 544.6 | 483.2 | 419.9 | 371.4 | 340.1 | 318.3 | 304.7 | 301.2 | 298.5 | 297.9 |
| 72.5° | 488.9 | 465.5 | 412.3 | 361.5 | 318.0 | 290.5 | 272.5 | 264.3 | 258.7 | 257.1 | 257.0 |
| 75° | 367.4 | 354.5 | 312.1 | 272.0 | 242.0 | 222.9 | 210.7 | 203.1 | 199.0 | 198.3 | 199.0 |
| 77.5° | 261.2 | 249.8 | 223.0 | 194.5 | 175.6 | 161.2 | 150.8 | 148.1 | 143.5 | 143.7 | 143.0 |
| 80° | 196.3 | 188.8 | 171.8 | 149.3 | 133.6 | 121.3 | 115.8 | 111.1 | 109.8 | 107.7 | 109.8 |
| 82.5° | 142.3 | 134.3 | 122.7 | 108.4 | 95.4 | 88.1 | 82.6 | 81.1 | 80.3 | 79.4 | 79.8 |
| 85° | 70.2 | 70.9 | 64.0 | 53.1 | 47.7 | 43.6 | 40.2 | 40.2 | 39.5 | 38.9 | 39.5 |
| 87.5° | 26.1 | 24.7 | 22.2 | 20.4 | 17.4 | 15.5 | 14.6 | 14.8 | 13.5 | 13.2 | 14.0 |
| 90° | 10.2 | 9.0 | 7.7 | 6.4 | 5.0 | 3.6 | 2.2 | 0.8 | 2.2 | 3.6 | 5.0 |
| 92.5° | 10.5 | 9.4 | 8.3 | 8.3 | 9.2 | 10.2 | 11.2 | 12.1 | 11.2 | 10.2 | 9.2 |
| 95° | 26.0 | 32.6 | 39.3 | 42.9 | 43.4 | 43.9 | 44.5 | 45.0 | 44.5 | 43.9 | 43.4 |
| 97.5° | 65.2 | 78.5 | 91.7 | 97.8 | 96.8 | 95.8 | 94.9 | 94.0 | 94.9 | 95.8 | 96.8 |
| 100° | 136.0 | 135.3 | 134.6 | 134.0 | 133.5 | 132.9 | 132.4 | 131.9 | 132.4 | 132.9 | 133.5 |
| 102.5° | 174.5 | 174.1 | 173.6 | 173.1 | 172.4 | 171.8 | 171.1 | 170.5 | 171.1 | 171.8 | 172.4 |
| 105° | 235.3 | 235.3 | 235.3 | 235.0 | 234.3 | 233.6 | 232.9 | 232.2 | 232.9 | 233.6 | 234.3 |
| 107.5° | 297.2 | 296.8 | 296.5 | 296.3 | 296.3 | 296.3 | 296.3 | 296.3 | 296.3 | 296.3 | 296.3 |
| 110° | 338.9 | 338.5 | 338.2 | 338.0 | 338.0 | 338.0 | 338.0 | 338.0 | 338.0 | 338.0 | 338.0 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 379.6 | 379.4 | 379.2 | 378.9 | 378.5 | 378.0 | 377.6 | 377.2 | 377.6 | 378.0 | 378.5 |
| 115° | 440.3 | 440.2 | 440.0 | 439.5 | 438.6 | 437.7 | 436.9 | 436.0 | 436.9 | 437.7 | 438.6 |
| 117.5° | 498.3 | 497.6 | 497.0 | 496.7 | 496.7 | 496.7 | 496.8 | 496.8 | 496.8 | 496.7 | 496.7 |
| 120° | 535.2 | 534.6 | 534.1 | 533.9 | 534.1 | 534.3 | 534.5 | 534.6 | 534.5 | 534.3 | 534.1 |
| 122.5° | 571.8 | 571.5 | 571.3 | 570.8 | 570.2 | 569.5 | 568.9 | 568.2 | 568.9 | 569.5 | 570.2 |
| 125° | 625.5 | 625.5 | 625.5 | 624.9 | 623.7 | 622.4 | 621.2 | 620.0 | 621.2 | 622.4 | 623.7 |
| 127.5° | 673.1 | 673.2 | 673.3 | 672.9 | 672.1 | 671.2 | 670.2 | 669.4 | 670.2 | 671.2 | 672.1 |
| 130° | 704.1 | 704.0 | 703.8 | 703.3 | 702.4 | 701.5 | 700.6 | 699.7 | 700.6 | 701.5 | 702.4 |
| 132.5° | 733.7 | 734.1 | 734.5 | 734.2 | 733.1 | 732.1 | 731.0 | 730.0 | 731.0 | 732.1 | 733.1 |
| 135° | 777.0 | 777.4 | 777.7 | 777.4 | 776.4 | 775.3 | 774.3 | 773.2 | 774.3 | 775.3 | 776.4 |
| 137.5° | 816.2 | 816.5 | 816.8 | 816.5 | 815.6 | 814.7 | 813.7 | 812.8 | 813.7 | 814.7 | 815.6 |
| 140° | 839.9 | 840.0 | 840.2 | 840.1 | 839.8 | 839.4 | 839.1 | 838.7 | 839.1 | 839.4 | 839.8 |
| 142.5° | 863.6 | 863.4 | 863.1 | 862.9 | 862.7 | 862.5 | 862.3 | 862.1 | 862.3 | 862.5 | 862.7 |
| 145° | 898.0 | 898.0 | 898.0 | 897.8 | 897.5 | 897.1 | 896.8 | 896.4 | 896.8 | 897.1 | 897.5 |
| 147.5° | 926.6 | 926.3 | 926.1 | 926.1 | 926.1 | 926.2 | 926.3 | 926.3 | 926.3 | 926.2 | 926.1 |
| 150° | 944.6 | 944.3 | 943.9 | 943.9 | 944.3 | 944.6 | 945.0 | 945.3 | 945.0 | 944.6 | 944.3 |
| 152.5° | 961.1 | 960.7 | 960.4 | 960.6 | 961.4 | 962.1 | 962.9 | 963.7 | 962.9 | 962.1 | 961.4 |
| 155° | 983.3 | 983.0 | 982.6 | 983.0 | 984.0 | 985.1 | 986.1 | 987.2 | 986.1 | 985.1 | 984.0 |
| 157.5° | 1002.6 | 1002.6 | 1002.5 | 1002.8 | 1003.5 | 1004.1 | 1004.7 | 1005.3 | 1004.7 | 1004.1 | 1003.5 |
| 160° | 1013.7 | 1013.5 | 1013.4 | 1013.8 | 1014.8 | 1015.9 | 1016.9 | 1018.0 | 1016.9 | 1015.9 | 1014.8 |
| 162.5° | 1023.8 | 1023.6 | 1023.5 | 1023.9 | 1024.9 | 1026.0 | 1027.0 | 1028.1 | 1027.0 | 1026.0 | 1024.9 |
| 165° | 1037.4 | 1037.2 | 1037.0 | 1037.4 | 1038.5 | 1039.6 | 1040.7 | 1041.7 | 1040.7 | 1039.6 | 1038.5 |
| 167.5° | 1047.3 | 1047.1 | 1047.0 | 1047.4 | 1048.5 | 1049.7 | 1050.8 | 1051.8 | 1050.8 | 1049.7 | 1048.5 |
| 170° | 1052.4 | 1052.2 | 1052.1 | 1052.6 | 1053.8 | 1055.0 | 1056.2 | 1057.5 | 1056.2 | 1055.0 | 1053.8 |
| 172.5° | 1056.5 | 1056.2 | 1055.9 | 1056.3 | 1057.6 | 1058.8 | 1060.1 | 1061.3 | 1060.1 | 1058.8 | 1057.6 |
| 175° | 1061.1 | 1060.9 | 1060.8 | 1061.2 | 1062.3 | 1063.3 | 1064.3 | 1065.4 | 1064.3 | 1063.3 | 1062.3 |
| 177.5° | 1063.8 | 1063.7 | 1063.6 | 1063.9 | 1064.8 | 1065.6 | 1066.4 | 1067.3 | 1066.4 | 1065.6 | 1064.8 |
| 180° | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5° | 1578.0 | 1572.1 | 1567.1 | 1556.2 | 1550.2 | 1542.1 | 1535.5 | 1542.6 | 1535.0 | 1538.2 | 1533.4 |
| 5° | 1528.8 | 1509.7 | 1496.1 | 1476.3 | 1459.4 | 1443.6 | 1432.1 | 1430.0 | 1424.5 | 1421.8 | 1413.6 |
| 7.5° | 1469.7 | 1445.8 | 1422.4 | 1396.4 | 1374.6 | 1352.4 | 1338.3 | 1326.6 | 1318.8 | 1308.6 | 1301.6 |
| 10° | 1434.8 | 1402.7 | 1375.5 | 1344.1 | 1316.9 | 1293.0 | 1273.9 | 1264.4 | 1255.6 | 1242.5 | 1237.8 |
| 12.5° | 1391.7 | 1358.6 | 1325.3 | 1291.8 | 1265.6 | 1239.0 | 1222.6 | 1208.2 | 1202.0 | 1187.5 | 1186.0 |
| 15° | 1340.1 | 1290.3 | 1257.6 | 1223.5 | 1187.4 | 1165.6 | 1152.0 | 1136.2 | 1129.4 | 1119.2 | 1111.7 |
| 17.5° | 1278.4 | 1234.0 | 1193.1 | 1157.8 | 1126.8 | 1108.4 | 1091.6 | 1080.8 | 1069.0 | 1062.4 | 1050.1 |
| 20° | 1233.8 | 1191.4 | 1150.5 | 1113.1 | 1089.2 | 1068.0 | 1054.4 | 1044.2 | 1032.0 | 1028.5 | 1016.3 |
| 22.5° | 1196.1 | 1149.4 | 1110.2 | 1078.7 | 1052.7 | 1028.9 | 1014.1 | 1007.1 | 998.7 | 988.2 | 985.7 |
| 25° | 1134.9 | 1086.5 | 1053.1 | 1021.8 | 998.6 | 976.7 | 966.5 | 957.7 | 949.5 | 942.0 | 939.3 |
| 27.5° | 1082.0 | 1038.7 | 999.1 | 970.8 | 950.6 | 930.7 | 921.7 | 910.9 | 904.9 | 898.9 | 891.5 |
| 30° | 1044.9 | 1000.6 | 965.8 | 938.6 | 916.8 | 899.1 | 889.5 | 882.0 | 876.6 | 871.1 | 867.0 |
| 32.5° | 1006.7 | 965.7 | 932.0 | 905.3 | 883.5 | 870.1 | 861.7 | 856.4 | 850.4 | 843.8 | 838.7 |
| 35° | 956.3 | 911.3 | 878.6 | 855.5 | 838.4 | 828.2 | 818.6 | 813.9 | 807.0 | 807.0 | 801.5 |
| 37.5° | 899.5 | 860.6 | 831.7 | 810.6 | 795.3 | 786.2 | 775.8 | 772.5 | 768.2 | 765.3 | 763.4 |
| 40° | 865.7 | 829.5 | 802.2 | 781.1 | 764.8 | 757.3 | 749.1 | 743.7 | 740.9 | 737.5 | 736.1 |
| 42.5° | 830.7 | 796.3 | 770.1 | 750.6 | 736.4 | 730.0 | 722.4 | 718.5 | 713.1 | 708.6 | 707.8 |
| 45° | 777.7 | 744.3 | 720.4 | 704.8 | 692.5 | 685.0 | 680.2 | 672.1 | 669.3 | 663.9 | 663.2 |
| 47.5° | 727.4 | 695.4 | 672.0 | 659.1 | 648.3 | 642.2 | 634.7 | 626.5 | 623.4 | 620.7 | 620.4 |
| 50° | 689.8 | 660.5 | 638.6 | 626.4 | 616.2 | 607.3 | 599.9 | 594.4 | 592.3 | 592.3 | 593.7 |
| 52.5° | 651.7 | 626.6 | 608.1 | 593.1 | 583.5 | 574.0 | 567.1 | 563.8 | 560.7 | 564.0 | 566.4 |
| 55° | 595.7 | 570.5 | 556.8 | 542.6 | 533.0 | 522.1 | 518.7 | 517.4 | 515.3 | 520.8 | 523.5 |
| 57.5° | 536.5 | 518.9 | 502.9 | 488.7 | 480.1 | 473.8 | 469.2 | 468.4 | 472.2 | 474.8 | 483.6 |
| 60° | 499.0 | 478.5 | 464.1 | 453.2 | 443.0 | 439.0 | 437.6 | 436.3 | 439.0 | 446.5 | 458.1 |
| 62.5° | 457.5 | 440.9 | 425.5 | 417.3 | 409.8 | 402.9 | 402.7 | 403.5 | 409.0 | 417.6 | 429.1 |
| 65° | 396.7 | 382.3 | 372.1 | 362.6 | 356.5 | 352.3 | 353.8 | 356.5 | 362.6 | 374.2 | 387.2 |
| 67.5° | 335.0 | 325.2 | 316.0 | 308.2 | 302.4 | 302.4 | 303.8 | 307.8 | 315.1 | 328.4 | 340.2 |
| 70° | 295.2 | 284.3 | 276.7 | 273.4 | 268.5 | 265.8 | 269.9 | 276.7 | 282.9 | 295.2 | 305.4 |
| 72.5° | 255.3 | 246.1 | 240.2 | 237.9 | 235.8 | 233.7 | 235.0 | 242.4 | 250.6 | 263.0 | 274.8 |
| 75° | 196.3 | 192.9 | 188.8 | 186.1 | 184.0 | 185.4 | 186.7 | 193.6 | 200.4 | 213.4 | 227.0 |
| 77.5° | 143.3 | 139.8 | 137.2 | 136.6 | 135.5 | 136.2 | 140.0 | 145.0 | 151.7 | 161.2 | 171.5 |
| 80° | 108.4 | 107.0 | 105.6 | 104.9 | 104.9 | 105.6 | 111.1 | 114.5 | 120.7 | 129.5 | 137.6 |
| 82.5° | 79.0 | 78.1 | 77.9 | 77.7 | 78.3 | 78.4 | 81.7 | 86.1 | 91.2 | 97.9 | 104.9 |
| 85° | 41.6 | 40.2 | 42.2 | 42.9 | 41.6 | 43.6 | 44.9 | 47.7 | 49.8 | 53.1 | 56.6 |
| 87.5° | 14.9 | 16.3 | 16.0 | 16.8 | 17.0 | 18.4 | 18.0 | 20.3 | 21.6 | 22.8 | 22.4 |
| 90° | 6.4 | 7.7 | 9.0 | 10.2 | 11.4 | 12.6 | 13.5 | 14.4 | 15.2 | 16.2 | 16.9 |
| 92.5° | 8.3 | 8.3 | 9.4 | 10.5 | 11.5 | 12.6 | 13.5 | 14.4 | 15.2 | 16.2 | 16.7 |
| 95° | 42.9 | 39.3 | 32.6 | 26.0 | 19.3 | 12.6 | 13.5 | 14.4 | 15.2 | 16.2 | 16.6 |
| 97.5° | 97.8 | 91.7 | 78.5 | 65.2 | 52.0 | 38.9 | 33.9 | 29.0 | 24.0 | 19.1 | 16.6 |
| 100° | 134.0 | 134.6 | 135.3 | 136.0 | 136.7 | 137.4 | 111.3 | 85.1 | 59.0 | 32.8 | 19.4 |
| 102.5° | 173.1 | 173.6 | 174.1 | 174.5 | 174.9 | 175.3 | 170.4 | 165.4 | 160.5 | 155.5 | 147.1 |
| 105° | 235.0 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 |
| 107.5° | 296.3 | 296.5 | 296.8 | 297.2 | 297.5 | 297.9 | 297.9 | 298.0 | 298.0 | 298.0 | 297.8 |
| 110° | 338.0 | 338.2 | 338.5 | 338.9 | 339.2 | 339.6 | 339.1 | 338.5 | 338.0 | 337.5 | 337.3 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 378.9 | 379.2 | 379.4 | 379.6 | 379.8 | 380.0 | 379.4 | 378.7 | 378.0 | 377.4 | 376.9 |
| 115° | 439.5 | 440.0 | 440.2 | 440.3 | 440.5 | 440.7 | 440.0 | 439.3 | 438.6 | 437.9 | 437.0 |
| 117.5° | 496.7 | 497.0 | 497.6 | 498.3 | 499.0 | 499.6 | 498.7 | 497.8 | 496.9 | 495.9 | 495.2 |
| 120° | 533.9 | 534.1 | 534.6 | 535.2 | 535.7 | 536.2 | 535.9 | 535.5 | 535.2 | 534.8 | 534.2 |
| 122.5° | 570.8 | 571.3 | 571.5 | 571.8 | 572.0 | 572.3 | 571.9 | 571.6 | 571.2 | 570.9 | 570.2 |
| 125° | 624.9 | 625.5 | 625.5 | 625.5 | 625.5 | 625.5 | 624.8 | 624.1 | 623.4 | 622.7 | 622.1 |
| 127.5° | 672.9 | 673.3 | 673.2 | 673.1 | 673.0 | 672.9 | 672.5 | 672.1 | 671.8 | 671.4 | 670.4 |
| 130° | 703.3 | 703.8 | 704.0 | 704.1 | 704.3 | 704.5 | 704.0 | 703.4 | 702.9 | 702.4 | 701.7 |
| 132.5° | 734.2 | 734.5 | 734.1 | 733.7 | 733.3 | 732.9 | 732.8 | 732.7 | 732.6 | 732.5 | 732.0 |
| 135° | 777.4 | 777.7 | 777.4 | 777.0 | 776.7 | 776.4 | 776.0 | 775.7 | 775.3 | 775.0 | 774.3 |
| 137.5° | 816.5 | 816.8 | 816.5 | 816.2 | 815.9 | 815.5 | 815.6 | 815.7 | 815.7 | 815.8 | 815.4 |
| 140° | 840.1 | 840.2 | 840.0 | 839.9 | 839.7 | 839.5 | 839.9 | 840.2 | 840.6 | 840.9 | 840.6 |
| 142.5° | 862.9 | 863.1 | 863.4 | 863.6 | 863.9 | 864.1 | 864.2 | 864.3 | 864.3 | 864.4 | 863.9 |
| 145° | 897.8 | 898.0 | 898.0 | 898.0 | 898.0 | 898.0 | 898.2 | 898.3 | 898.5 | 898.7 | 898.2 |
| 147.5° | 926.1 | 926.1 | 926.3 | 926.6 | 926.9 | 927.1 | 927.3 | 927.5 | 927.7 | 927.9 | 927.4 |
| 150° | 943.9 | 943.9 | 944.3 | 944.6 | 945.0 | 945.3 | 945.7 | 946.0 | 946.4 | 946.7 | 946.2 |
| 152.5° | 960.6 | 960.4 | 960.7 | 961.1 | 961.4 | 961.8 | 962.1 | 962.5 | 962.8 | 963.2 | 962.7 |
| 155° | 983.0 | 982.6 | 983.0 | 983.3 | 983.7 | 984.0 | 984.5 | 985.1 | 985.6 | 986.1 | 985.7 |
| 157.5° | 1002.8 | 1002.5 | 1002.6 | 1002.6 | 1002.6 | 1002.7 | 1003.2 | 1003.8 | 1004.4 | 1004.9 | 1004.5 |
| 160° | 1013.8 | 1013.4 | 1013.5 | 1013.7 | 1013.9 | 1014.0 | 1014.7 | 1015.4 | 1016.1 | 1016.8 | 1016.5 |
| 162.5° | 1023.9 | 1023.5 | 1023.6 | 1023.8 | 1024.0 | 1024.2 | 1025.1 | 1026.1 | 1027.1 | 1028.0 | 1027.8 |
| 165° | 1037.4 | 1037.0 | 1037.2 | 1037.4 | 1037.5 | 1037.7 | 1038.8 | 1039.9 | 1040.9 | 1042.0 | 1041.8 |
| 167.5° | 1047.4 | 1047.0 | 1047.1 | 1047.3 | 1047.5 | 1047.7 | 1048.9 | 1050.3 | 1051.5 | 1052.8 | 1052.6 |
| 170° | 1052.6 | 1052.1 | 1052.2 | 1052.4 | 1052.6 | 1052.8 | 1054.2 | 1055.5 | 1056.9 | 1058.3 | 1058.2 |
| 172.5° | 1056.3 | 1055.9 | 1056.2 | 1056.5 | 1056.8 | 1057.1 | 1058.4 | 1059.7 | 1061.0 | 1062.3 | 1062.1 |
| 175° | 1061.2 | 1060.8 | 1060.9 | 1061.1 | 1061.3 | 1061.5 | 1062.9 | 1064.2 | 1065.6 | 1067.0 | 1066.9 |
| 177.5° | 1063.9 | 1063.6 | 1063.7 | 1063.8 | 1064.0 | 1064.1 | 1065.1 | 1066.1 | 1067.0 | 1068.0 | 1068.0 |
| 180° | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5° | 1530.0 | 1533.9 | 1530.7 | 1535.0 | 1530.7 | 1533.9 | 1530.0 | 1533.4 | 1538.2 | 1535.0 | 1542.6 |
| 5° | 1410.3 | 1404.1 | 1408.2 | 1405.4 | 1408.2 | 1404.1 | 1410.3 | 1413.6 | 1421.8 | 1424.5 | 1430.0 |
| 7.5° | 1299.6 | 1293.7 | 1287.0 | 1283.8 | 1287.0 | 1293.7 | 1299.6 | 1301.6 | 1308.6 | 1318.8 | 1326.6 |
| 10° | 1230.3 | 1222.8 | 1222.1 | 1217.4 | 1222.1 | 1222.8 | 1230.3 | 1237.8 | 1242.5 | 1255.6 | 1264.4 |
| 12.5° | 1179.6 | 1172.7 | 1164.9 | 1162.9 | 1164.9 | 1172.7 | 1179.6 | 1186.0 | 1187.5 | 1202.0 | 1208.2 |
| 15° | 1107.6 | 1102.2 | 1097.4 | 1101.5 | 1097.4 | 1102.2 | 1107.6 | 1111.7 | 1119.2 | 1129.4 | 1136.2 |
| 17.5° | 1047.7 | 1043.3 | 1042.5 | 1037.4 | 1042.5 | 1043.3 | 1047.7 | 1050.1 | 1062.4 | 1069.0 | 1080.8 |
| 20° | 1010.2 | 1006.7 | 1008.1 | 999.3 | 1008.1 | 1006.7 | 1010.2 | 1016.3 | 1028.5 | 1032.0 | 1044.2 |
| 22.5° | 980.2 | 973.5 | 972.7 | 970.9 | 972.7 | 973.5 | 980.2 | 985.7 | 988.2 | 998.7 | 1007.1 |
| 25° | 933.1 | 929.7 | 926.3 | 929.7 | 926.3 | 929.7 | 933.1 | 939.3 | 942.0 | 949.5 | 957.7 |
| 27.5° | 892.1 | 888.0 | 887.1 | 887.5 | 887.1 | 888.0 | 892.1 | 891.5 | 898.9 | 904.9 | 910.9 |
| 30° | 867.0 | 860.2 | 860.9 | 860.2 | 860.9 | 860.2 | 867.0 | 867.0 | 871.1 | 876.6 | 882.0 |
| 32.5° | 839.7 | 835.1 | 834.1 | 832.9 | 834.1 | 835.1 | 839.7 | 838.7 | 843.8 | 850.4 | 856.4 |
| 35° | 799.5 | 799.5 | 796.1 | 796.1 | 796.1 | 799.5 | 799.5 | 801.5 | 807.0 | 807.0 | 813.9 |
| 37.5° | 761.7 | 761.0 | 759.0 | 759.3 | 759.0 | 761.0 | 761.7 | 763.4 | 765.3 | 768.2 | 772.5 |
| 40° | 733.4 | 732.8 | 730.6 | 726.6 | 730.6 | 732.8 | 733.4 | 736.1 | 737.5 | 740.9 | 743.7 |
| 42.5° | 706.1 | 703.9 | 702.9 | 701.6 | 702.9 | 703.9 | 706.1 | 707.8 | 708.6 | 713.1 | 718.5 |
| 45° | 663.2 | 663.2 | 661.9 | 661.2 | 661.9 | 663.2 | 663.2 | 663.2 | 663.9 | 669.3 | 672.1 |
| 47.5° | 621.5 | 622.7 | 625.3 | 624.9 | 625.3 | 622.7 | 621.5 | 620.4 | 620.7 | 623.4 | 626.5 |
| 50° | 596.4 | 597.1 | 599.2 | 599.9 | 599.2 | 597.1 | 596.4 | 593.7 | 592.3 | 592.3 | 594.4 |
| 52.5° | 568.6 | 572.6 | 575.1 | 574.7 | 575.1 | 572.6 | 568.6 | 566.4 | 564.0 | 560.7 | 563.8 |
| 55° | 529.6 | 534.4 | 539.2 | 539.9 | 539.2 | 534.4 | 529.6 | 523.5 | 520.8 | 515.3 | 517.4 |
| 57.5° | 491.0 | 497.7 | 502.7 | 504.4 | 502.7 | 497.7 | 491.0 | 483.6 | 474.8 | 472.2 | 468.4 |
| 60° | 464.8 | 473.7 | 479.9 | 482.6 | 479.9 | 473.7 | 464.8 | 458.1 | 446.5 | 439.0 | 436.3 |
| 62.5° | 439.8 | 449.7 | 455.9 | 456.4 | 455.9 | 449.7 | 439.8 | 429.1 | 417.6 | 409.0 | 403.5 |
| 65° | 398.7 | 409.0 | 414.4 | 418.5 | 414.4 | 409.0 | 398.7 | 387.2 | 374.2 | 362.6 | 356.5 |
| 67.5° | 354.6 | 364.8 | 370.8 | 374.1 | 370.8 | 364.8 | 354.6 | 340.2 | 328.4 | 315.1 | 307.8 |
| 70° | 322.4 | 332.6 | 340.8 | 343.6 | 340.8 | 332.6 | 322.4 | 305.4 | 295.2 | 282.9 | 276.7 |
| 72.5° | 290.7 | 299.9 | 306.5 | 309.7 | 306.5 | 299.9 | 290.7 | 274.8 | 263.0 | 250.6 | 242.4 |
| 75° | 235.8 | 248.1 | 254.3 | 257.6 | 254.3 | 248.1 | 235.8 | 227.0 | 213.4 | 200.4 | 193.6 |
| 77.5° | 181.9 | 193.0 | 196.7 | 198.4 | 196.7 | 193.0 | 181.9 | 171.5 | 161.2 | 151.7 | 145.0 |
| 80° | 145.8 | 152.7 | 157.4 | 158.1 | 157.4 | 152.7 | 145.8 | 137.6 | 129.5 | 120.7 | 114.5 |
| 82.5° | 112.1 | 117.8 | 119.3 | 121.1 | 119.3 | 117.8 | 112.1 | 104.9 | 97.9 | 91.2 | 86.1 |
| 85° | 61.3 | 64.0 | 64.7 | 64.0 | 64.7 | 64.0 | 61.3 | 56.6 | 53.1 | 49.8 | 47.7 |
| 87.5° | 23.6 | 23.2 | 23.3 | 24.5 | 23.3 | 23.2 | 23.6 | 22.4 | 22.8 | 21.6 | 20.3 |
| 90° | 17.4 | 17.9 | 18.4 | 19.0 | 18.4 | 17.9 | 17.4 | 16.9 | 16.2 | 15.2 | 14.4 |
| 92.5° | 17.0 | 17.2 | 17.5 | 17.7 | 17.5 | 17.2 | 17.0 | 16.7 | 16.2 | 15.2 | 14.4 |
| 95° | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.2 | 15.2 | 14.4 |
| 97.5° | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 19.1 | 24.0 | 29.0 |
| 100° | 18.7 | 18.0 | 17.3 | 16.6 | 17.3 | 18.0 | 18.7 | 19.4 | 32.8 | 59.0 | 85.1 |
| 102.5° | 135.1 | 123.2 | 111.3 | 99.4 | 111.3 | 123.2 | 135.1 | 147.1 | 155.5 | 160.5 | 165.4 |
| 105° | 235.1 | 234.9 | 234.7 | 234.6 | 234.7 | 234.9 | 235.1 | 235.3 | 235.3 | 235.3 | 235.3 |
| 107.5° | 297.3 | 296.7 | 296.2 | 295.7 | 296.2 | 296.7 | 297.3 | 297.8 | 298.0 | 298.0 | 298.0 |
| 110° | 337.5 | 337.7 | 337.8 | 338.0 | 337.8 | 337.7 | 337.5 | 337.3 | 337.5 | 338.0 | 338.5 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 376.7 | 376.4 | 376.2 | 376.0 | 376.2 | 376.4 | 376.7 | 376.9 | 377.4 | 378.0 | 378.7 |
| 115° | 436.0 | 434.8 | 433.8 | 432.8 | 433.8 | 434.8 | 436.0 | 437.0 | 437.9 | 438.6 | 439.3 |
| 117.5° | 494.8 | 494.3 | 493.9 | 493.4 | 493.9 | 494.3 | 494.8 | 495.2 | 495.9 | 496.9 | 497.8 |
| 120° | 533.3 | 532.5 | 531.6 | 530.7 | 531.6 | 532.5 | 533.3 | 534.2 | 534.8 | 535.2 | 535.5 |
| 122.5° | 569.2 | 568.2 | 567.1 | 566.1 | 567.1 | 568.2 | 569.2 | 570.2 | 570.9 | 571.2 | 571.6 |
| 125° | 621.6 | 621.0 | 620.5 | 620.0 | 620.5 | 621.0 | 621.6 | 622.1 | 622.7 | 623.4 | 624.1 |
| 127.5° | 669.2 | 667.9 | 666.6 | 665.3 | 666.6 | 667.9 | 669.2 | 670.4 | 671.4 | 671.8 | 672.1 |
| 130° | 700.7 | 699.9 | 699.0 | 698.1 | 699.0 | 699.9 | 700.7 | 701.7 | 702.4 | 702.9 | 703.4 |
| 132.5° | 731.1 | 730.2 | 729.3 | 728.5 | 729.3 | 730.2 | 731.1 | 732.0 | 732.5 | 732.6 | 732.7 |
| 135° | 773.2 | 772.1 | 771.0 | 770.0 | 771.0 | 772.1 | 773.2 | 774.3 | 775.0 | 775.3 | 775.7 |
| 137.5° | 814.5 | 813.5 | 812.6 | 811.7 | 812.6 | 813.5 | 814.5 | 815.4 | 815.8 | 815.7 | 815.7 |
| 140° | 839.5 | 838.5 | 837.4 | 836.4 | 837.4 | 838.5 | 839.5 | 840.6 | 840.9 | 840.6 | 840.2 |
| 142.5° | 862.9 | 861.8 | 860.8 | 859.7 | 860.8 | 861.8 | 862.9 | 863.9 | 864.4 | 864.3 | 864.3 |
| 145° | 897.2 | 896.2 | 895.0 | 894.0 | 895.0 | 896.2 | 897.2 | 898.2 | 898.7 | 898.5 | 898.3 |
| 147.5° | 926.0 | 924.8 | 923.5 | 922.3 | 923.5 | 924.8 | 926.0 | 927.4 | 927.9 | 927.7 | 927.5 |
| 150° | 944.8 | 943.4 | 942.0 | 940.6 | 942.0 | 943.4 | 944.8 | 946.2 | 946.7 | 946.4 | 946.0 |
| 152.5° | 961.5 | 960.2 | 959.0 | 957.7 | 959.0 | 960.2 | 961.5 | 962.7 | 963.2 | 962.8 | 962.5 |
| 155° | 984.3 | 982.9 | 981.5 | 980.1 | 981.5 | 982.9 | 984.3 | 985.7 | 986.1 | 985.6 | 985.1 |
| 157.5° | 1003.1 | 1001.7 | 1000.3 | 998.9 | 1000.3 | 1001.7 | 1003.1 | 1004.5 | 1004.9 | 1004.4 | 1003.8 |
| 160° | 1015.1 | 1013.7 | 1012.3 | 1010.9 | 1012.3 | 1013.7 | 1015.1 | 1016.5 | 1016.8 | 1016.1 | 1015.4 |
| 162.5° | 1026.2 | 1024.7 | 1023.2 | 1021.7 | 1023.2 | 1024.7 | 1026.2 | 1027.8 | 1028.0 | 1027.1 | 1026.1 |
| 165° | 1040.4 | 1038.9 | 1037.5 | 1036.1 | 1037.5 | 1038.9 | 1040.4 | 1041.8 | 1042.0 | 1040.9 | 1039.9 |
| 167.5° | 1051.0 | 1049.5 | 1047.8 | 1046.3 | 1047.8 | 1049.5 | 1051.0 | 1052.6 | 1052.8 | 1051.5 | 1050.3 |
| 170° | 1056.7 | 1055.1 | 1053.5 | 1052.0 | 1053.5 | 1055.1 | 1056.7 | 1058.2 | 1058.3 | 1056.9 | 1055.5 |
| 172.5° | 1060.5 | 1058.9 | 1057.3 | 1055.7 | 1057.3 | 1058.9 | 1060.5 | 1062.1 | 1062.3 | 1061.0 | 1059.7 |
| 175° | 1065.4 | 1063.8 | 1062.3 | 1060.7 | 1062.3 | 1063.8 | 1065.4 | 1066.9 | 1067.0 | 1065.6 | 1064.2 |
| 177.5° | 1066.8 | 1065.7 | 1064.6 | 1063.5 | 1064.6 | 1065.7 | 1066.8 | 1068.0 | 1068.0 | 1067.0 | 1066.1 |
| 180° | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5° | 1535.5 | 1542.1 | 1550.2 | 1556.2 | 1567.1 | 1572.1 | 1578.0 | 1583.0 | 1591.6 | 1599.8 | 1609.7 |
| 5° | 1432.1 | 1443.6 | 1459.4 | 1476.3 | 1496.1 | 1509.7 | 1528.8 | 1540.4 | 1563.6 | 1584.8 | 1605.2 |
| 7.5° | 1338.3 | 1352.4 | 1374.6 | 1396.4 | 1422.4 | 1445.8 | 1469.7 | 1496.1 | 1525.7 | 1560.6 | 1589.5 |
| 10° | 1273.9 | 1293.0 | 1316.9 | 1344.1 | 1375.5 | 1402.7 | 1434.8 | 1463.4 | 1499.5 | 1540.4 | 1578.6 |
| 12.5° | 1222.6 | 1239.0 | 1265.6 | 1291.8 | 1325.3 | 1358.6 | 1391.7 | 1429.6 | 1471.8 | 1517.0 | 1565.0 |
| 15° | 1152.0 | 1165.6 | 1187.4 | 1223.5 | 1257.6 | 1290.3 | 1340.1 | 1375.5 | 1428.7 | 1479.0 | 1537.0 |
| 17.5° | 1091.6 | 1108.4 | 1126.8 | 1157.8 | 1193.1 | 1234.0 | 1278.4 | 1322.8 | 1374.1 | 1438.0 | 1503.4 |
| 20° | 1054.4 | 1068.0 | 1089.2 | 1113.1 | 1150.5 | 1191.4 | 1233.8 | 1278.7 | 1341.4 | 1407.5 | 1477.7 |
| 22.5° | 1014.1 | 1028.9 | 1052.7 | 1078.7 | 1110.2 | 1149.4 | 1196.1 | 1245.5 | 1310.9 | 1375.9 | 1452.1 |
| 25° | 966.5 | 976.7 | 998.6 | 1021.8 | 1053.1 | 1086.5 | 1134.9 | 1189.4 | 1254.2 | 1328.5 | 1406.1 |
| 27.5° | 921.7 | 930.7 | 950.6 | 970.8 | 999.1 | 1038.7 | 1082.0 | 1137.1 | 1198.1 | 1273.3 | 1359.6 |
| 30° | 889.5 | 899.1 | 916.8 | 938.6 | 965.8 | 1000.6 | 1044.9 | 1096.7 | 1162.2 | 1235.8 | 1325.8 |
| 32.5° | 861.7 | 870.1 | 883.5 | 905.3 | 932.0 | 965.7 | 1006.7 | 1059.7 | 1125.1 | 1199.7 | 1288.1 |
| 35° | 818.6 | 828.2 | 838.4 | 855.5 | 878.6 | 911.3 | 956.3 | 1006.0 | 1068.7 | 1141.0 | 1222.1 |
| 37.5° | 775.8 | 786.2 | 795.3 | 810.6 | 831.7 | 860.6 | 899.5 | 951.3 | 1007.9 | 1077.6 | 1155.5 |
| 40° | 749.1 | 757.3 | 764.8 | 781.1 | 802.2 | 829.5 | 865.7 | 912.0 | 972.0 | 1036.7 | 1101.5 |
| 42.5° | 722.4 | 730.0 | 736.4 | 750.6 | 770.1 | 796.3 | 830.7 | 876.0 | 931.6 | 992.0 | 1049.1 |
| 45° | 680.2 | 685.0 | 692.5 | 704.8 | 720.4 | 744.3 | 777.7 | 817.9 | 864.9 | 922.2 | 965.1 |
| 47.5° | 634.7 | 642.2 | 648.3 | 659.1 | 672.0 | 695.4 | 727.4 | 761.6 | 804.3 | 846.9 | 877.1 |
| 50° | 599.9 | 607.3 | 616.2 | 626.4 | 638.6 | 660.5 | 689.8 | 724.6 | 760.6 | 793.3 | 819.3 |
| 52.5° | 567.1 | 574.0 | 583.5 | 593.1 | 608.1 | 626.6 | 651.7 | 682.6 | 718.1 | 741.5 | 763.2 |
| 55° | 518.7 | 522.1 | 533.0 | 542.6 | 556.8 | 570.5 | 595.7 | 623.0 | 644.8 | 662.6 | 680.2 |
| 57.5° | 469.2 | 473.8 | 480.1 | 488.7 | 502.9 | 518.9 | 536.5 | 560.7 | 573.5 | 582.6 | 596.4 |
| 60° | 437.6 | 439.0 | 443.0 | 453.2 | 464.1 | 478.5 | 499.0 | 515.9 | 525.5 | 533.0 | 544.6 |
| 62.5° | 402.7 | 402.9 | 409.8 | 417.3 | 425.5 | 440.9 | 457.5 | 471.3 | 479.2 | 482.8 | 493.9 |
| 65° | 353.8 | 352.3 | 356.5 | 362.6 | 372.1 | 382.3 | 396.7 | 409.0 | 408.3 | 412.3 | 419.2 |
| 67.5° | 303.8 | 302.4 | 302.4 | 308.2 | 316.0 | 325.2 | 335.0 | 342.0 | 342.1 | 347.6 | 351.0 |
| 70° | 269.9 | 265.8 | 268.5 | 273.4 | 276.7 | 284.3 | 295.2 | 297.9 | 298.5 | 301.2 | 304.7 |
| 72.5° | 235.0 | 233.7 | 235.8 | 237.9 | 240.2 | 246.1 | 255.3 | 257.0 | 257.1 | 258.7 | 264.3 |
| 75° | 186.7 | 185.4 | 184.0 | 186.1 | 188.8 | 192.9 | 196.3 | 199.0 | 198.3 | 199.0 | 203.1 |
| 77.5° | 140.0 | 136.2 | 135.5 | 136.6 | 137.2 | 139.8 | 143.3 | 143.0 | 143.7 | 143.5 | 148.1 |
| 80° | 111.1 | 105.6 | 104.9 | 104.9 | 105.6 | 107.0 | 108.4 | 109.8 | 107.7 | 109.8 | 111.1 |
| 82.5° | 81.7 | 78.4 | 78.3 | 77.7 | 77.9 | 78.1 | 79.0 | 79.8 | 79.4 | 80.3 | 81.1 |
| 85° | 44.9 | 43.6 | 41.6 | 42.9 | 42.2 | 40.2 | 41.6 | 39.5 | 38.9 | 39.5 | 40.2 |
| 87.5° | 18.0 | 18.4 | 17.0 | 16.8 | 16.0 | 16.3 | 14.9 | 14.0 | 13.2 | 13.5 | 14.8 |
| 90° | 13.5 | 12.6 | 11.4 | 10.2 | 9.0 | 7.7 | 6.4 | 5.0 | 3.6 | 2.2 | 0.8 |
| 92.5° | 13.5 | 12.6 | 11.5 | 10.5 | 9.4 | 8.3 | 8.3 | 9.2 | 10.2 | 11.2 | 12.1 |
| 95° | 13.5 | 12.6 | 19.3 | 26.0 | 32.6 | 39.3 | 42.9 | 43.4 | 43.9 | 44.5 | 45.0 |
| 97.5° | 33.9 | 38.9 | 52.0 | 65.2 | 78.5 | 91.7 | 97.8 | 96.8 | 95.8 | 94.9 | 94.0 |
| 100° | 111.3 | 137.4 | 136.7 | 136.0 | 135.3 | 134.6 | 134.0 | 133.5 | 132.9 | 132.4 | 131.9 |
| 102.5° | 170.4 | 175.3 | 174.9 | 174.5 | 174.1 | 173.6 | 173.1 | 172.4 | 171.8 | 171.1 | 170.5 |
| 105° | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.0 | 234.3 | 233.6 | 232.9 | 232.2 |
| 107.5° | 297.9 | 297.9 | 297.5 | 297.2 | 296.8 | 296.5 | 296.3 | 296.3 | 296.3 | 296.3 | 296.3 |
| 110° | 339.1 | 339.6 | 339.2 | 338.9 | 338.5 | 338.2 | 338.0 | 338.0 | 338.0 | 338.0 | 338.0 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 379.4 | 380.0 | 379.8 | 379.6 | 379.4 | 379.2 | 378.9 | 378.5 | 378.0 | 377.6 | 377.2 |
| 115° | 440.0 | 440.7 | 440.5 | 440.3 | 440.2 | 440.0 | 439.5 | 438.6 | 437.7 | 436.9 | 436.0 |
| 117.5° | 498.7 | 499.6 | 499.0 | 498.3 | 497.6 | 497.0 | 496.7 | 496.7 | 496.7 | 496.8 | 496.8 |
| 120° | 535.9 | 536.2 | 535.7 | 535.2 | 534.6 | 534.1 | 533.9 | 534.1 | 534.3 | 534.5 | 534.6 |
| 122.5° | 571.9 | 572.3 | 572.0 | 571.8 | 571.5 | 571.3 | 570.8 | 570.2 | 569.5 | 568.9 | 568.2 |
| 125° | 624.8 | 625.5 | 625.5 | 625.5 | 625.5 | 625.5 | 624.9 | 623.7 | 622.4 | 621.2 | 620.0 |
| 127.5° | 672.5 | 672.9 | 673.0 | 673.1 | 673.2 | 673.3 | 672.9 | 672.1 | 671.2 | 670.2 | 669.4 |
| 130° | 704.0 | 704.5 | 704.3 | 704.1 | 704.0 | 703.8 | 703.3 | 702.4 | 701.5 | 700.6 | 699.7 |
| 132.5° | 732.8 | 732.9 | 733.3 | 733.7 | 734.1 | 734.5 | 734.2 | 733.1 | 732.1 | 731.0 | 730.0 |
| 135° | 776.0 | 776.4 | 776.7 | 777.0 | 777.4 | 777.7 | 777.4 | 776.4 | 775.3 | 774.3 | 773.2 |
| 137.5° | 815.6 | 815.5 | 815.9 | 816.2 | 816.5 | 816.8 | 816.5 | 815.6 | 814.7 | 813.7 | 812.8 |
| 140° | 839.9 | 839.5 | 839.7 | 839.9 | 840.0 | 840.2 | 840.1 | 839.8 | 839.4 | 839.1 | 838.7 |
| 142.5° | 864.2 | 864.1 | 863.9 | 863.6 | 863.4 | 863.1 | 862.9 | 862.7 | 862.5 | 862.3 | 862.1 |
| 145° | 898.2 | 898.0 | 898.0 | 898.0 | 898.0 | 898.0 | 897.8 | 897.5 | 897.1 | 896.8 | 896.4 |
| 147.5° | 927.3 | 927.1 | 926.9 | 926.6 | 926.3 | 926.1 | 926.1 | 926.1 | 926.2 | 926.3 | 926.3 |
| 150° | 945.7 | 945.3 | 945.0 | 944.6 | 944.3 | 943.9 | 943.9 | 944.3 | 944.6 | 945.0 | 945.3 |
| 152.5° | 962.1 | 961.8 | 961.4 | 961.1 | 960.7 | 960.4 | 960.6 | 961.4 | 962.1 | 962.9 | 963.7 |
| 155° | 984.5 | 984.0 | 983.7 | 983.3 | 983.0 | 982.6 | 983.0 | 984.0 | 985.1 | 986.1 | 987.2 |
| 157.5° | 1003.2 | 1002.7 | 1002.6 | 1002.6 | 1002.6 | 1002.5 | 1002.8 | 1003.5 | 1004.1 | 1004.7 | 1005.3 |
| 160° | 1014.7 | 1014.0 | 1013.9 | 1013.7 | 1013.5 | 1013.4 | 1013.8 | 1014.8 | 1015.9 | 1016.9 | 1018.0 |
| 162.5° | 1025.1 | 1024.2 | 1024.0 | 1023.8 | 1023.6 | 1023.5 | 1023.9 | 1024.9 | 1026.0 | 1027.0 | 1028.1 |
| 165° | 1038.8 | 1037.7 | 1037.5 | 1037.4 | 1037.2 | 1037.0 | 1037.4 | 1038.5 | 1039.6 | 1040.7 | 1041.7 |
| 167.5° | 1048.9 | 1047.7 | 1047.5 | 1047.3 | 1047.1 | 1047.0 | 1047.4 | 1048.5 | 1049.7 | 1050.8 | 1051.8 |
| 170° | 1054.2 | 1052.8 | 1052.6 | 1052.4 | 1052.2 | 1052.1 | 1052.6 | 1053.8 | 1055.0 | 1056.2 | 1057.5 |
| 172.5° | 1058.4 | 1057.1 | 1056.8 | 1056.5 | 1056.2 | 1055.9 | 1056.3 | 1057.6 | 1058.8 | 1060.1 | 1061.3 |
| 175° | 1062.9 | 1061.5 | 1061.3 | 1061.1 | 1060.9 | 1060.8 | 1061.2 | 1062.3 | 1063.3 | 1064.3 | 1065.4 |
| 177.5° | 1065.1 | 1064.1 | 1064.0 | 1063.8 | 1063.7 | 1063.6 | 1063.9 | 1064.8 | 1065.6 | 1066.4 | 1067.3 |
| 180° | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5° | 1614.6 | 1622.2 | 1627.1 | 1636.4 | 1644.1 | 1648.4 | 1652.2 | 1655.5 | 1659.3 | 1662.5 | 1671.8 |
| 5° | 1625.0 | 1642.6 | 1657.7 | 1680.8 | 1702.0 | 1718.4 | 1736.1 | 1751.7 | 1764.6 | 1783.1 | 1797.4 |
| 7.5° | 1620.4 | 1651.9 | 1685.0 | 1720.8 | 1757.5 | 1791.5 | 1822.9 | 1852.2 | 1878.8 | 1911.0 | 1939.1 |
| 10° | 1616.1 | 1659.0 | 1701.3 | 1749.7 | 1799.5 | 1841.7 | 1881.3 | 1921.5 | 1950.8 | 1991.7 | 2026.4 |
| 12.5° | 1612.9 | 1663.3 | 1714.3 | 1772.6 | 1827.2 | 1886.9 | 1939.5 | 1968.9 | 2013.5 | 2046.2 | 2087.5 |
| 15° | 1599.0 | 1665.9 | 1736.1 | 1801.5 | 1879.2 | 1934.4 | 1980.7 | 2038.0 | 2079.6 | 2121.1 | 2166.2 |
| 17.5° | 1574.4 | 1650.0 | 1728.6 | 1814.3 | 1888.9 | 1948.1 | 2007.9 | 2063.1 | 2112.7 | 2168.5 | 2224.5 |
| 20° | 1563.0 | 1638.6 | 1728.6 | 1816.4 | 1889.5 | 1951.5 | 2012.8 | 2073.5 | 2128.0 | 2199.6 | 2264.3 |
| 22.5° | 1538.9 | 1630.4 | 1713.3 | 1799.1 | 1874.1 | 1941.7 | 2011.1 | 2080.0 | 2152.5 | 2233.3 | 2314.5 |
| 25° | 1496.1 | 1588.8 | 1676.8 | 1761.3 | 1836.9 | 1921.5 | 1995.8 | 2087.8 | 2180.5 | 2287.4 | 2388.3 |
| 27.5° | 1451.7 | 1540.4 | 1621.0 | 1702.6 | 1790.9 | 1886.5 | 1983.0 | 2087.4 | 2208.7 | 2343.8 | 2486.1 |
| 30° | 1415.7 | 1499.5 | 1577.9 | 1661.7 | 1753.7 | 1861.5 | 1967.1 | 2091.1 | 2231.6 | 2383.6 | 2552.6 |
| 32.5° | 1373.7 | 1451.0 | 1527.2 | 1616.0 | 1716.2 | 1829.9 | 1953.0 | 2089.0 | 2257.8 | 2430.4 | 2604.4 |
| 35° | 1301.9 | 1366.7 | 1445.0 | 1539.7 | 1652.9 | 1783.1 | 1925.5 | 2086.4 | 2280.0 | 2478.3 | 2624.8 |
| 37.5° | 1216.7 | 1277.0 | 1359.6 | 1463.4 | 1582.1 | 1721.7 | 1890.8 | 2081.6 | 2287.2 | 2445.4 | 2492.6 |
| 40° | 1159.4 | 1215.3 | 1301.2 | 1408.9 | 1530.2 | 1678.1 | 1863.5 | 2065.3 | 2264.3 | 2365.2 | 2326.3 |
| 42.5° | 1098.3 | 1157.0 | 1240.6 | 1347.3 | 1477.8 | 1638.9 | 1829.2 | 2030.9 | 2197.8 | 2235.9 | 2101.6 |
| 45° | 1002.0 | 1062.6 | 1145.1 | 1252.8 | 1393.2 | 1567.7 | 1766.1 | 1949.4 | 2045.5 | 1976.7 | 1768.8 |
| 47.5° | 912.4 | 969.3 | 1045.7 | 1156.8 | 1301.7 | 1482.2 | 1673.2 | 1819.5 | 1827.1 | 1662.8 | 1440.8 |
| 50° | 851.3 | 903.8 | 980.9 | 1092.0 | 1235.8 | 1418.5 | 1590.8 | 1706.1 | 1654.3 | 1468.1 | 1254.9 |
| 52.5° | 791.3 | 842.7 | 918.7 | 1028.6 | 1170.8 | 1338.3 | 1498.7 | 1579.5 | 1482.0 | 1291.0 | 1108.7 |
| 55° | 704.8 | 749.7 | 824.0 | 925.6 | 1060.6 | 1216.0 | 1352.3 | 1380.3 | 1253.4 | 1065.3 | 917.5 |
| 57.5° | 620.3 | 662.3 | 729.8 | 823.3 | 946.7 | 1084.4 | 1191.0 | 1185.1 | 1051.1 | 889.6 | 772.2 |
| 60° | 563.0 | 603.9 | 663.9 | 755.2 | 867.7 | 986.3 | 1077.6 | 1055.8 | 922.9 | 783.9 | 685.0 |
| 62.5° | 511.8 | 548.3 | 605.0 | 684.9 | 787.5 | 897.4 | 972.4 | 940.2 | 810.0 | 688.4 | 610.4 |
| 65° | 436.3 | 466.9 | 515.3 | 583.5 | 668.6 | 759.3 | 817.3 | 775.7 | 664.6 | 569.9 | 507.2 |
| 67.5° | 364.2 | 388.7 | 429.3 | 483.6 | 556.3 | 629.1 | 664.4 | 622.6 | 533.7 | 464.5 | 418.1 |
| 70° | 318.3 | 340.1 | 371.4 | 419.9 | 483.2 | 544.6 | 571.2 | 533.7 | 457.4 | 398.1 | 364.7 |
| 72.5° | 272.5 | 290.5 | 318.0 | 361.5 | 412.3 | 465.5 | 488.9 | 453.0 | 390.3 | 340.2 | 309.0 |
| 75° | 210.7 | 222.9 | 242.0 | 272.0 | 312.1 | 354.5 | 367.4 | 336.1 | 295.8 | 258.3 | 237.9 |
| 77.5° | 150.8 | 161.2 | 175.6 | 194.5 | 223.0 | 249.8 | 261.2 | 243.1 | 212.0 | 188.2 | 171.5 |
| 80° | 115.8 | 121.3 | 133.6 | 149.3 | 171.8 | 188.8 | 196.3 | 184.7 | 162.9 | 145.2 | 132.2 |
| 82.5° | 82.6 | 88.1 | 95.4 | 108.4 | 122.7 | 134.3 | 142.3 | 134.5 | 118.8 | 104.8 | 97.4 |
| 85° | 40.2 | 43.6 | 47.7 | 53.1 | 64.0 | 70.9 | 70.2 | 65.4 | 59.3 | 53.8 | 49.8 |
| 87.5° | 14.6 | 15.5 | 17.4 | 20.4 | 22.2 | 24.7 | 26.1 | 25.1 | 23.2 | 21.8 | 20.3 |
| 90° | 2.2 | 3.6 | 5.0 | 6.4 | 7.7 | 9.0 | 10.2 | 11.4 | 12.6 | 13.5 | 14.4 |
| 92.5° | 11.2 | 10.2 | 9.2 | 8.3 | 8.3 | 9.4 | 10.5 | 11.5 | 12.6 | 13.5 | 14.4 |
| 95° | 44.5 | 43.9 | 43.4 | 42.9 | 39.3 | 32.6 | 26.0 | 19.3 | 12.6 | 13.5 | 14.4 |
| 97.5° | 94.9 | 95.8 | 96.8 | 97.8 | 91.7 | 78.5 | 65.2 | 52.0 | 38.9 | 33.9 | 29.0 |
| 100° | 132.4 | 132.9 | 133.5 | 134.0 | 134.6 | 135.3 | 136.0 | 136.7 | 137.4 | 111.3 | 85.1 |
| 102.5° | 171.1 | 171.8 | 172.4 | 173.1 | 173.6 | 174.1 | 174.5 | 174.9 | 175.3 | 170.4 | 165.4 |
| 105° | 232.9 | 233.6 | 234.3 | 235.0 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 | 235.3 |
| 107.5° | 296.3 | 296.3 | 296.3 | 296.3 | 296.5 | 296.8 | 297.2 | 297.5 | 297.9 | 297.9 | 298.0 |
| 110° | 338.0 | 338.0 | 338.0 | 338.0 | 338.2 | 338.5 | 338.9 | 339.2 | 339.6 | 339.1 | 338.5 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 377.6 | 378.0 | 378.5 | 378.9 | 379.2 | 379.4 | 379.6 | 379.8 | 380.0 | 379.4 | 378.7 |
| 115° | 436.9 | 437.7 | 438.6 | 439.5 | 440.0 | 440.2 | 440.3 | 440.5 | 440.7 | 440.0 | 439.3 |
| 117.5° | 496.8 | 496.7 | 496.7 | 496.7 | 497.0 | 497.6 | 498.3 | 499.0 | 499.6 | 498.7 | 497.8 |
| 120° | 534.5 | 534.3 | 534.1 | 533.9 | 534.1 | 534.6 | 535.2 | 535.7 | 536.2 | 535.9 | 535.5 |
| 122.5° | 568.9 | 569.5 | 570.2 | 570.8 | 571.3 | 571.5 | 571.8 | 572.0 | 572.3 | 571.9 | 571.6 |
| 125° | 621.2 | 622.4 | 623.7 | 624.9 | 625.5 | 625.5 | 625.5 | 625.5 | 625.5 | 624.8 | 624.1 |
| 127.5° | 670.2 | 671.2 | 672.1 | 672.9 | 673.3 | 673.2 | 673.1 | 673.0 | 672.9 | 672.5 | 672.1 |
| 130° | 700.6 | 701.5 | 702.4 | 703.3 | 703.8 | 704.0 | 704.1 | 704.3 | 704.5 | 704.0 | 703.4 |
| 132.5° | 731.0 | 732.1 | 733.1 | 734.2 | 734.5 | 734.1 | 733.7 | 733.3 | 732.9 | 732.8 | 732.7 |
| 135° | 774.3 | 775.3 | 776.4 | 777.4 | 777.7 | 777.4 | 777.0 | 776.7 | 776.4 | 776.0 | 775.7 |
| 137.5° | 813.7 | 814.7 | 815.6 | 816.5 | 816.8 | 816.5 | 816.2 | 815.9 | 815.5 | 815.6 | 815.7 |
| 140° | 839.1 | 839.4 | 839.8 | 840.1 | 840.2 | 840.0 | 839.9 | 839.7 | 839.5 | 839.9 | 840.2 |
| 142.5° | 862.3 | 862.5 | 862.7 | 862.9 | 863.1 | 863.4 | 863.6 | 863.9 | 864.1 | 864.2 | 864.3 |
| 145° | 896.8 | 897.1 | 897.5 | 897.8 | 898.0 | 898.0 | 898.0 | 898.0 | 898.0 | 898.2 | 898.3 |
| 147.5° | 926.3 | 926.2 | 926.1 | 926.1 | 926.1 | 926.3 | 926.6 | 926.9 | 927.1 | 927.3 | 927.5 |
| 150° | 945.0 | 944.6 | 944.3 | 943.9 | 943.9 | 944.3 | 944.6 | 945.0 | 945.3 | 945.7 | 946.0 |
| 152.5° | 962.9 | 962.1 | 961.4 | 960.6 | 960.4 | 960.7 | 961.1 | 961.4 | 961.8 | 962.1 | 962.5 |
| 155° | 986.1 | 985.1 | 984.0 | 983.0 | 982.6 | 983.0 | 983.3 | 983.7 | 984.0 | 984.5 | 985.1 |
| 157.5° | 1004.7 | 1004.1 | 1003.5 | 1002.8 | 1002.5 | 1002.6 | 1002.6 | 1002.6 | 1002.7 | 1003.2 | 1003.8 |
| 160° | 1016.9 | 1015.9 | 1014.8 | 1013.8 | 1013.4 | 1013.5 | 1013.7 | 1013.9 | 1014.0 | 1014.7 | 1015.4 |
| 162.5° | 1027.0 | 1026.0 | 1024.9 | 1023.9 | 1023.5 | 1023.6 | 1023.8 | 1024.0 | 1024.2 | 1025.1 | 1026.1 |
| 165° | 1040.7 | 1039.6 | 1038.5 | 1037.4 | 1037.0 | 1037.2 | 1037.4 | 1037.5 | 1037.7 | 1038.8 | 1039.9 |
| 167.5° | 1050.8 | 1049.7 | 1048.5 | 1047.4 | 1047.0 | 1047.1 | 1047.3 | 1047.5 | 1047.7 | 1048.9 | 1050.3 |
| 170° | 1056.2 | 1055.0 | 1053.8 | 1052.6 | 1052.1 | 1052.2 | 1052.4 | 1052.6 | 1052.8 | 1054.2 | 1055.5 |
| 172.5° | 1060.1 | 1058.8 | 1057.6 | 1056.3 | 1055.9 | 1056.2 | 1056.5 | 1056.8 | 1057.1 | 1058.4 | 1059.7 |
| 175° | 1064.3 | 1063.3 | 1062.3 | 1061.2 | 1060.8 | 1060.9 | 1061.1 | 1061.3 | 1061.5 | 1062.9 | 1064.2 |
| 177.5° | 1066.4 | 1065.6 | 1064.8 | 1063.9 | 1063.6 | 1063.7 | 1063.8 | 1064.0 | 1064.1 | 1065.1 | 1066.1 |
| 180° | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 | 1605.9 |
| 2.5° | 1679.5 | 1683.8 | 1693.1 | 1689.8 | 1694.3 | 1696.4 | 1698.6 |
| 5° | 1815.1 | 1836.9 | 1846.4 | 1845.1 | 1859.5 | 1856.0 | 1852.6 |
| 7.5° | 1968.3 | 1991.3 | 2004.1 | 2020.0 | 2029.3 | 2029.9 | 2038.0 |
| 10° | 2055.1 | 2085.1 | 2097.3 | 2114.4 | 2125.3 | 2131.4 | 2130.7 |
| 12.5° | 2121.6 | 2145.1 | 2172.5 | 2180.9 | 2195.6 | 2203.3 | 2200.5 |
| 15° | 2201.6 | 2239.1 | 2267.8 | 2282.0 | 2300.5 | 2305.9 | 2313.4 |
| 17.5° | 2273.0 | 2323.3 | 2356.7 | 2401.2 | 2417.9 | 2428.1 | 2422.2 |
| 20° | 2327.0 | 2393.2 | 2426.5 | 2479.7 | 2509.0 | 2524.7 | 2519.2 |
| 22.5° | 2390.9 | 2462.4 | 2524.2 | 2570.2 | 2614.7 | 2635.9 | 2640.3 |
| 25° | 2500.1 | 2598.3 | 2689.0 | 2749.7 | 2804.8 | 2817.7 | 2846.4 |
| 27.5° | 2622.3 | 2738.0 | 2835.0 | 2898.7 | 2937.2 | 2951.6 | 2960.6 |
| 30° | 2699.2 | 2814.4 | 2887.3 | 2928.2 | 2940.4 | 2939.1 | 2937.7 |
| 32.5° | 2736.8 | 2808.9 | 2823.0 | 2811.5 | 2783.4 | 2759.7 | 2734.9 |
| 35° | 2683.5 | 2629.7 | 2549.2 | 2445.6 | 2369.2 | 2292.3 | 2284.7 |
| 37.5° | 2413.5 | 2241.3 | 2107.4 | 1957.8 | 1871.6 | 1818.3 | 1781.5 |
| 40° | 2159.3 | 1963.7 | 1801.5 | 1675.4 | 1587.5 | 1552.7 | 1518.6 |
| 42.5° | 1883.4 | 1696.6 | 1552.9 | 1447.4 | 1381.4 | 1342.8 | 1315.8 |
| 45° | 1530.2 | 1365.2 | 1252.8 | 1176.5 | 1124.0 | 1094.0 | 1076.9 |
| 47.5° | 1253.8 | 1131.9 | 1036.3 | 981.3 | 945.0 | 921.7 | 921.8 |
| 50° | 1105.6 | 989.1 | 925.6 | 882.0 | 850.6 | 832.2 | 835.7 |
| 52.5° | 974.1 | 887.1 | 832.9 | 796.4 | 773.3 | 761.9 | 761.5 |
| 55° | 814.6 | 751.8 | 716.4 | 689.8 | 674.1 | 661.2 | 663.9 |
| 57.5° | 696.7 | 643.9 | 620.2 | 598.0 | 587.1 | 582.0 | 574.4 |
| 60° | 623.7 | 582.8 | 562.3 | 544.6 | 533.7 | 529.6 | 522.1 |
| 62.5° | 558.8 | 526.6 | 506.8 | 492.2 | 482.4 | 481.1 | 475.2 |
| 65° | 469.6 | 445.0 | 427.4 | 420.5 | 410.3 | 407.6 | 407.6 |
| 67.5° | 387.2 | 369.6 | 355.8 | 349.5 | 345.1 | 345.7 | 342.4 |
| 70° | 335.4 | 321.0 | 312.1 | 305.4 | 301.9 | 302.7 | 299.9 |
| 72.5° | 293.4 | 277.4 | 269.6 | 265.6 | 261.1 | 262.9 | 261.8 |
| 75° | 222.2 | 214.0 | 210.0 | 205.8 | 203.1 | 201.8 | 200.4 |
| 77.5° | 163.2 | 155.9 | 152.8 | 150.5 | 150.9 | 147.6 | 150.3 |
| 80° | 126.1 | 120.0 | 118.0 | 114.5 | 113.8 | 113.8 | 113.1 |
| 82.5° | 92.3 | 88.9 | 87.4 | 84.5 | 83.3 | 84.4 | 82.6 |
| 85° | 47.7 | 44.9 | 44.3 | 44.3 | 42.9 | 41.6 | 44.9 |
| 87.5° | 20.5 | 18.5 | 18.7 | 18.2 | 18.3 | 17.9 | 16.9 |
| 90° | 15.2 | 16.2 | 16.9 | 17.4 | 17.9 | 18.4 | 19.0 |
| 92.5° | 15.2 | 16.2 | 16.7 | 17.0 | 17.2 | 17.5 | 17.7 |
| 95° | 15.2 | 16.2 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 |
| 97.5° | 24.0 | 19.1 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 |
| 100° | 59.0 | 32.8 | 19.4 | 18.7 | 18.0 | 17.3 | 16.6 |
| 102.5° | 160.5 | 155.5 | 147.1 | 135.1 | 123.2 | 111.3 | 99.4 |
| 105° | 235.3 | 235.3 | 235.3 | 235.1 | 234.9 | 234.7 | 234.6 |
| 107.5° | 298.0 | 298.0 | 297.8 | 297.3 | 296.7 | 296.2 | 295.7 |
| 110° | 338.0 | 337.5 | 337.3 | 337.5 | 337.7 | 337.8 | 338.0 |



TEST NUMBER: P333268-840

CATALOG NUMBER: S125DIP-S1090D810U840-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 378.0 | 377.4 | 376.9 | 376.7 | 376.4 | 376.2 | 376.0 |
| 115° | 438.6 | 437.9 | 437.0 | 436.0 | 434.8 | 433.8 | 432.8 |
| 117.5° | 496.9 | 495.9 | 495.2 | 494.8 | 494.3 | 493.9 | 493.4 |
| 120° | 535.2 | 534.8 | 534.2 | 533.3 | 532.5 | 531.6 | 530.7 |
| 122.5° | 571.2 | 570.9 | 570.2 | 569.2 | 568.2 | 567.1 | 566.1 |
| 125° | 623.4 | 622.7 | 622.1 | 621.6 | 621.0 | 620.5 | 620.0 |
| 127.5° | 671.8 | 671.4 | 670.4 | 669.2 | 667.9 | 666.6 | 665.3 |
| 130° | 702.9 | 702.4 | 701.7 | 700.7 | 699.9 | 699.0 | 698.1 |
| 132.5° | 732.6 | 732.5 | 732.0 | 731.1 | 730.2 | 729.3 | 728.5 |
| 135° | 775.3 | 775.0 | 774.3 | 773.2 | 772.1 | 771.0 | 770.0 |
| 137.5° | 815.7 | 815.8 | 815.4 | 814.5 | 813.5 | 812.6 | 811.7 |
| 140° | 840.6 | 840.9 | 840.6 | 839.5 | 838.5 | 837.4 | 836.4 |
| 142.5° | 864.3 | 864.4 | 863.9 | 862.9 | 861.8 | 860.8 | 859.7 |
| 145° | 898.5 | 898.7 | 898.2 | 897.2 | 896.2 | 895.0 | 894.0 |
| 147.5° | 927.7 | 927.9 | 927.4 | 926.0 | 924.8 | 923.5 | 922.3 |
| 150° | 946.4 | 946.7 | 946.2 | 944.8 | 943.4 | 942.0 | 940.6 |
| 152.5° | 962.8 | 963.2 | 962.7 | 961.5 | 960.2 | 959.0 | 957.7 |
| 155° | 985.6 | 986.1 | 985.7 | 984.3 | 982.9 | 981.5 | 980.1 |
| 157.5° | 1004.4 | 1004.9 | 1004.5 | 1003.1 | 1001.7 | 1000.3 | 998.9 |
| 160° | 1016.1 | 1016.8 | 1016.5 | 1015.1 | 1013.7 | 1012.3 | 1010.9 |
| 162.5° | 1027.1 | 1028.0 | 1027.8 | 1026.2 | 1024.7 | 1023.2 | 1021.7 |
| 165° | 1040.9 | 1042.0 | 1041.8 | 1040.4 | 1038.9 | 1037.5 | 1036.1 |
| 167.5° | 1051.5 | 1052.8 | 1052.6 | 1051.0 | 1049.5 | 1047.8 | 1046.3 |
| 170° | 1056.9 | 1058.3 | 1058.2 | 1056.7 | 1055.1 | 1053.5 | 1052.0 |
| 172.5° | 1061.0 | 1062.3 | 1062.1 | 1060.5 | 1058.9 | 1057.3 | 1055.7 |
| 175° | 1065.6 | 1067.0 | 1066.9 | 1065.4 | 1063.8 | 1062.3 | 1060.7 |
| 177.5° | 1067.0 | 1068.0 | 1068.0 | 1066.8 | 1065.7 | 1064.6 | 1063.5 |
| 180° | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 | 1065.4 |

(END OF REPORT)