

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: P333443

Luminaire Tested: **S125DIW-S1090D1050U835-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333443
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125DIW-S1090D1050U835-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1090 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1050 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8123.3 lumens
Efficiency: N/A
Efficacy: 132.7 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

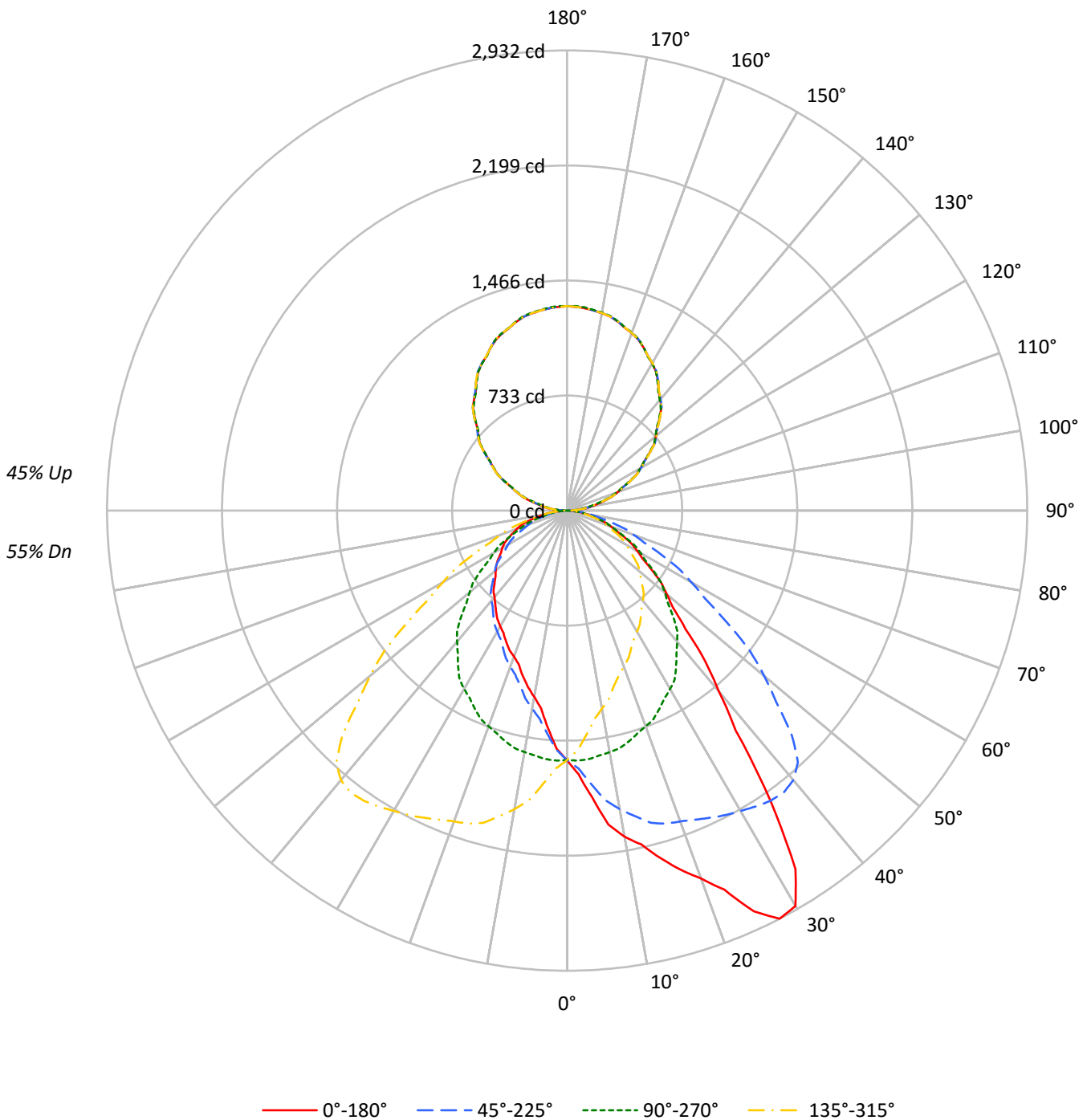
Input Watts (W): 61.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 108 | 108 | 108 | 108 | 101 | 101 | 101 | 101 | 86 | 86 | 86 | 73 | 73 | 73 | 61 | 61 | 61 | 55 |
| 1 | 99 | 95 | 91 | 88 | 92 | 88 | 85 | 82 | 76 | 74 | 71 | 65 | 63 | 61 | 54 | 53 | 52 | 47 |
| 2 | 91 | 83 | 77 | 72 | 84 | 78 | 72 | 68 | 67 | 63 | 60 | 57 | 54 | 52 | 48 | 46 | 44 | 40 |
| 3 | 83 | 73 | 66 | 60 | 77 | 68 | 62 | 57 | 59 | 54 | 50 | 51 | 47 | 44 | 43 | 40 | 38 | 34 |
| 4 | 76 | 65 | 57 | 51 | 70 | 61 | 54 | 48 | 53 | 47 | 43 | 45 | 41 | 38 | 38 | 35 | 33 | 29 |
| 5 | 70 | 58 | 50 | 44 | 64 | 54 | 47 | 42 | 47 | 42 | 37 | 41 | 36 | 33 | 35 | 31 | 29 | 25 |
| 6 | 64 | 52 | 44 | 38 | 59 | 49 | 42 | 36 | 43 | 37 | 33 | 37 | 32 | 29 | 31 | 28 | 25 | 22 |
| 7 | 59 | 47 | 39 | 34 | 55 | 44 | 37 | 32 | 39 | 33 | 29 | 34 | 29 | 26 | 29 | 25 | 22 | 20 |
| 8 | 55 | 43 | 35 | 30 | 51 | 40 | 33 | 28 | 35 | 30 | 25 | 31 | 26 | 23 | 26 | 23 | 20 | 18 |
| 9 | 51 | 39 | 32 | 26 | 48 | 37 | 30 | 25 | 32 | 27 | 23 | 28 | 24 | 20 | 24 | 21 | 18 | 16 |
| 10 | 48 | 36 | 29 | 24 | 45 | 34 | 27 | 23 | 30 | 24 | 21 | 26 | 22 | 19 | 23 | 19 | 16 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 10270 | 10270 | 10270 | 10270 |
| 5° | 11893 | 10305 | 9022 | 10305 |
| 10° | 13837 | 10251 | 7906 | 10251 |
| 15° | 15317 | 10176 | 7293 | 10176 |
| 20° | 17145 | 10057 | 6801 | 10057 |
| 25° | 20085 | 9922 | 6560 | 9922 |
| 30° | 21694 | 9790 | 6352 | 9790 |
| 35° | 17837 | 9541 | 6215 | 9541 |
| 40° | 12678 | 9195 | 6066 | 9195 |
| 45° | 9740 | 8729 | 5980 | 8729 |
| 50° | 8314 | 8151 | 5968 | 8151 |
| 55° | 7402 | 7585 | 6019 | 7585 |
| 60° | 6678 | 6966 | 6173 | 6966 |
| 65° | 6168 | 6343 | 6333 | 6343 |
| 70° | 5608 | 5697 | 6424 | 5697 |
| 75° | 4951 | 5018 | 6366 | 5018 |
| 80° | 4166 | 4091 | 5824 | 4091 |
| 85° | 3298 | 2949 | 4698 | 2949 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 153.1 | 1.9 |
| 10°-20° | 455.8 | 5.6 |
| 20°-30° | 740.1 | 9.1 |
| 30°-40° | 902.8 | 11.1 |
| 40°-50° | 821.3 | 10.1 |
| 50°-60° | 654.2 | 8.1 |
| 60°-70° | 455.6 | 5.6 |
| 70°-80° | 243.0 | 3.0 |
| 80°-90° | 64.2 | 0.8 |
| 90°-100° | 87.2 | 1.1 |
| 100°-110° | 257.5 | 3.2 |
| 110°-120° | 436.2 | 5.4 |
| 120°-130° | 574.0 | 7.1 |
| 130°-140° | 643.2 | 7.9 |
| 140°-150° | 630.4 | 7.8 |
| 150°-160° | 529.5 | 6.5 |
| 160°-170° | 352.0 | 4.3 |
| 170°-180° | 123.2 | 1.5 |
| 0°-30° | 1349.0 | 16.6 |
| 0°-40° | 2251.8 | 27.7 |
| 0°-60° | 3727.3 | 45.9 |
| 0°-90° | 4490.0 | 55.3 |
| 90°-120° | 780.9 | 9.6 |
| 90°-150° | 2628.6 | 32.4 |
| 90°-180° | 3633.0 | 44.7 |
| 0°-180° | 8123.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1590 | 1590 | 1590 | 1590 | 1590 | |
| 5° | 1834 | 1590 | 1392 | 1590 | 1834 | 185 |
| 15° | 2291 | 1522 | 1091 | 1522 | 2291 | 656 |
| 25° | 2819 | 1392 | 921 | 1392 | 2819 | 1287 |
| 35° | 2262 | 1210 | 788 | 1210 | 2262 | 1385 |
| 45° | 1066 | 956 | 655 | 956 | 1066 | 854 |
| 55° | 657 | 674 | 535 | 674 | 657 | 592 |
| 65° | 404 | 415 | 414 | 415 | 404 | 401 |
| 75° | 198 | 201 | 255 | 201 | 198 | 214 |
| 85° | 44 | 40 | 63 | 40 | 44 | 52 |
| 90° | 24 | 1 | 24 | 1 | 24 | 16 |
| 95° | 87 | 66 | 87 | 66 | 87 | 89 |
| 105° | 251 | 231 | 251 | 231 | 251 | 266 |
| 115° | 441 | 437 | 441 | 437 | 441 | 436 |
| 125° | 641 | 637 | 641 | 637 | 641 | 573 |
| 135° | 832 | 829 | 832 | 829 | 832 | 642 |
| 145° | 1008 | 1004 | 1008 | 1004 | 1008 | 629 |
| 155° | 1149 | 1149 | 1149 | 1149 | 1149 | 529 |
| 165° | 1246 | 1249 | 1246 | 1249 | 1246 | 351 |
| 175° | 1294 | 1299 | 1294 | 1299 | 1294 | 123 |
| 180° | 1302 | 1302 | 1302 | 1302 | 1302 | |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 |
| 2.5° | 1682.0 | 1679.8 | 1677.7 | 1673.3 | 1676.6 | 1667.4 | 1663.1 | 1655.5 | 1646.3 | 1643.1 | 1639.3 |
| 5° | 1834.5 | 1837.9 | 1841.3 | 1827.1 | 1828.4 | 1819.0 | 1797.4 | 1779.8 | 1765.7 | 1747.4 | 1734.6 |
| 7.5° | 2018.1 | 2010.1 | 2009.5 | 2000.3 | 1984.5 | 1971.8 | 1949.1 | 1920.2 | 1892.3 | 1860.4 | 1834.1 |
| 10° | 2109.9 | 2110.6 | 2104.5 | 2093.7 | 2076.8 | 2064.7 | 2035.0 | 2006.6 | 1972.2 | 1931.7 | 1902.7 |
| 12.5° | 2179.0 | 2181.8 | 2174.2 | 2159.6 | 2151.3 | 2124.1 | 2100.9 | 2067.1 | 2026.2 | 1993.8 | 1949.7 |
| 15° | 2290.8 | 2283.4 | 2278.0 | 2259.7 | 2245.6 | 2217.2 | 2180.1 | 2145.0 | 2100.4 | 2059.3 | 2018.1 |
| 17.5° | 2398.5 | 2404.4 | 2394.3 | 2377.7 | 2333.7 | 2300.6 | 2250.8 | 2202.8 | 2147.3 | 2092.1 | 2042.9 |
| 20° | 2494.6 | 2500.0 | 2484.5 | 2455.5 | 2402.8 | 2369.8 | 2304.3 | 2242.2 | 2178.1 | 2107.2 | 2053.2 |
| 22.5° | 2614.5 | 2610.2 | 2589.2 | 2545.1 | 2499.5 | 2438.3 | 2367.5 | 2291.9 | 2211.5 | 2131.5 | 2059.7 |
| 25° | 2818.6 | 2790.2 | 2777.4 | 2722.8 | 2662.7 | 2572.9 | 2475.7 | 2365.0 | 2265.1 | 2159.2 | 2067.4 |
| 27.5° | 2931.7 | 2922.8 | 2908.5 | 2870.4 | 2807.3 | 2711.3 | 2596.7 | 2461.8 | 2320.9 | 2187.1 | 2067.0 |
| 30° | 2909.0 | 2910.4 | 2911.7 | 2899.6 | 2859.1 | 2786.9 | 2672.8 | 2527.7 | 2360.3 | 2209.8 | 2070.7 |
| 32.5° | 2708.2 | 2732.7 | 2756.2 | 2784.0 | 2795.4 | 2781.5 | 2710.1 | 2579.0 | 2406.7 | 2235.7 | 2068.6 |
| 35° | 2262.4 | 2269.9 | 2346.1 | 2421.7 | 2524.3 | 2604.0 | 2657.3 | 2599.2 | 2454.1 | 2257.7 | 2066.0 |
| 37.5° | 1764.1 | 1800.5 | 1853.3 | 1938.7 | 2086.8 | 2219.4 | 2389.9 | 2468.3 | 2421.5 | 2264.9 | 2061.3 |
| 40° | 1503.8 | 1537.5 | 1572.0 | 1659.0 | 1783.9 | 1944.5 | 2138.2 | 2303.6 | 2342.1 | 2242.2 | 2045.1 |
| 42.5° | 1302.9 | 1329.7 | 1367.9 | 1433.3 | 1537.7 | 1680.0 | 1865.0 | 2081.1 | 2214.1 | 2176.3 | 2011.1 |
| 45° | 1066.4 | 1083.3 | 1113.0 | 1165.0 | 1240.6 | 1351.9 | 1515.3 | 1751.5 | 1957.4 | 2025.5 | 1930.4 |
| 47.5° | 912.8 | 912.7 | 935.8 | 971.7 | 1026.2 | 1120.8 | 1241.6 | 1426.7 | 1646.6 | 1809.3 | 1801.7 |
| 50° | 827.5 | 824.1 | 842.3 | 873.4 | 916.6 | 979.4 | 1094.8 | 1242.6 | 1453.8 | 1638.1 | 1689.4 |
| 52.5° | 754.1 | 754.5 | 765.7 | 788.6 | 824.8 | 878.4 | 964.6 | 1097.9 | 1278.4 | 1467.5 | 1564.1 |
| 55° | 657.4 | 654.7 | 667.5 | 683.1 | 709.4 | 744.5 | 806.6 | 908.5 | 1054.9 | 1241.2 | 1366.8 |
| 57.5° | 568.8 | 576.3 | 581.4 | 592.2 | 614.1 | 637.6 | 689.9 | 764.7 | 880.9 | 1040.8 | 1173.5 |
| 60° | 517.0 | 524.4 | 528.5 | 539.3 | 556.8 | 577.1 | 617.6 | 678.3 | 776.2 | 913.9 | 1045.5 |
| 62.5° | 470.6 | 476.4 | 477.7 | 487.4 | 501.8 | 521.5 | 553.3 | 604.4 | 681.7 | 802.1 | 931.0 |
| 65° | 403.6 | 403.6 | 406.3 | 416.4 | 423.2 | 440.7 | 465.0 | 502.2 | 564.3 | 658.1 | 768.1 |
| 67.5° | 339.1 | 342.3 | 341.7 | 346.1 | 352.3 | 366.0 | 383.4 | 414.0 | 460.0 | 528.5 | 616.5 |
| 70° | 297.0 | 299.7 | 299.0 | 302.4 | 309.1 | 317.9 | 332.1 | 361.1 | 394.2 | 452.9 | 528.5 |
| 72.5° | 259.2 | 260.3 | 258.5 | 263.0 | 267.0 | 274.7 | 290.5 | 306.0 | 336.9 | 386.5 | 448.6 |
| 75° | 198.4 | 199.8 | 201.1 | 203.8 | 207.9 | 211.9 | 220.0 | 235.6 | 255.8 | 292.9 | 332.8 |
| 77.5° | 148.8 | 146.2 | 149.4 | 149.0 | 151.3 | 154.4 | 161.6 | 169.8 | 186.4 | 209.9 | 240.7 |
| 80° | 112.0 | 112.7 | 112.7 | 113.4 | 116.8 | 118.8 | 124.9 | 130.9 | 143.8 | 161.3 | 182.9 |
| 82.5° | 81.8 | 83.6 | 82.5 | 83.7 | 86.5 | 88.0 | 91.4 | 96.4 | 103.8 | 117.6 | 133.2 |
| 85° | 44.5 | 41.2 | 42.5 | 43.9 | 43.9 | 44.5 | 47.2 | 49.3 | 53.3 | 58.7 | 64.8 |
| 87.5° | 17.8 | 18.8 | 19.2 | 19.0 | 19.4 | 19.3 | 21.2 | 21.0 | 22.4 | 23.8 | 25.6 |
| 90° | 24.3 | 23.6 | 23.0 | 22.3 | 21.6 | 20.7 | 19.6 | 18.5 | 17.3 | 16.2 | 14.6 |
| 92.5° | 47.8 | 47.3 | 46.8 | 46.3 | 45.8 | 44.9 | 43.4 | 41.9 | 40.4 | 38.9 | 37.0 |
| 95° | 87.1 | 86.7 | 86.2 | 85.8 | 85.3 | 84.3 | 82.7 | 81.2 | 79.6 | 78.0 | 75.8 |
| 97.5° | 132.1 | 131.9 | 131.6 | 131.3 | 131.0 | 130.2 | 128.7 | 127.2 | 125.7 | 124.2 | 121.1 |
| 100° | 166.2 | 165.7 | 165.3 | 164.8 | 164.4 | 163.1 | 161.1 | 159.1 | 157.1 | 155.0 | 152.1 |
| 102.5° | 200.2 | 199.6 | 199.0 | 198.3 | 197.7 | 196.3 | 194.1 | 191.9 | 189.7 | 187.5 | 186.0 |
| 105° | 251.3 | 250.6 | 249.9 | 249.3 | 248.6 | 247.6 | 246.2 | 244.9 | 243.5 | 242.2 | 240.8 |
| 107.5° | 303.6 | 303.6 | 303.7 | 303.7 | 303.8 | 303.4 | 302.8 | 302.1 | 301.4 | 300.7 | 299.7 |
| 110° | 342.5 | 342.7 | 342.9 | 343.2 | 343.4 | 343.2 | 342.5 | 341.8 | 341.1 | 340.5 | 339.8 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 380.6 | 381.0 | 381.4 | 381.8 | 382.2 | 382.2 | 381.9 | 381.6 | 381.3 | 381.0 | 380.1 |
| 115° | 440.8 | 441.0 | 441.2 | 441.4 | 441.7 | 441.9 | 442.1 | 442.3 | 442.6 | 442.8 | 442.3 |
| 117.5° | 499.5 | 500.4 | 501.3 | 502.2 | 503.1 | 503.5 | 503.3 | 503.1 | 503.0 | 502.8 | 502.4 |
| 120° | 540.1 | 541.0 | 541.9 | 542.8 | 543.7 | 544.1 | 544.1 | 544.1 | 544.1 | 544.1 | 543.9 |
| 122.5° | 580.6 | 581.3 | 582.0 | 582.8 | 583.5 | 583.9 | 584.1 | 584.3 | 584.5 | 584.7 | 584.1 |
| 125° | 641.4 | 641.6 | 641.8 | 642.1 | 642.3 | 642.6 | 643.1 | 643.5 | 644.0 | 644.4 | 644.2 |
| 127.5° | 699.8 | 700.2 | 700.7 | 701.1 | 701.6 | 701.9 | 702.1 | 702.3 | 702.6 | 702.8 | 702.5 |
| 130° | 738.7 | 739.1 | 739.6 | 740.0 | 740.5 | 740.8 | 741.0 | 741.3 | 741.5 | 741.7 | 741.3 |
| 132.5° | 775.1 | 775.8 | 776.4 | 777.0 | 777.7 | 778.1 | 778.3 | 778.5 | 778.8 | 779.0 | 779.1 |
| 135° | 831.9 | 832.8 | 833.7 | 834.6 | 835.5 | 835.9 | 835.9 | 835.9 | 835.9 | 835.9 | 835.7 |
| 137.5° | 887.4 | 888.5 | 889.7 | 890.8 | 891.9 | 892.3 | 892.1 | 891.8 | 891.5 | 891.3 | 890.8 |
| 140° | 923.1 | 924.2 | 925.3 | 926.5 | 927.6 | 927.9 | 927.5 | 927.0 | 926.6 | 926.1 | 925.4 |
| 142.5° | 957.1 | 958.3 | 959.4 | 960.5 | 961.6 | 962.1 | 961.8 | 961.5 | 961.2 | 961.0 | 960.1 |
| 145° | 1008.2 | 1008.9 | 1009.5 | 1010.2 | 1010.9 | 1011.2 | 1011.2 | 1011.2 | 1011.2 | 1011.2 | 1010.6 |
| 147.5° | 1051.8 | 1053.3 | 1054.8 | 1056.4 | 1057.9 | 1058.4 | 1057.8 | 1057.3 | 1056.8 | 1056.2 | 1055.7 |
| 150° | 1084.2 | 1084.6 | 1085.1 | 1085.5 | 1086.0 | 1086.2 | 1086.2 | 1086.2 | 1086.2 | 1086.2 | 1085.3 |
| 152.5° | 1110.9 | 1111.7 | 1112.6 | 1113.4 | 1114.2 | 1114.3 | 1113.8 | 1113.2 | 1112.7 | 1112.2 | 1111.8 |
| 155° | 1149.0 | 1150.2 | 1151.3 | 1152.4 | 1153.5 | 1153.7 | 1152.8 | 1151.9 | 1151.0 | 1150.1 | 1149.8 |
| 157.5° | 1180.9 | 1182.3 | 1183.8 | 1185.3 | 1186.8 | 1187.1 | 1186.2 | 1185.3 | 1184.4 | 1183.5 | 1183.3 |
| 160° | 1202.7 | 1203.9 | 1205.0 | 1206.1 | 1207.2 | 1207.4 | 1206.5 | 1205.6 | 1204.7 | 1203.8 | 1203.5 |
| 162.5° | 1221.4 | 1222.7 | 1224.0 | 1225.3 | 1226.6 | 1226.7 | 1225.6 | 1224.6 | 1223.5 | 1222.4 | 1222.4 |
| 165° | 1246.3 | 1247.7 | 1249.0 | 1250.4 | 1251.7 | 1251.9 | 1251.0 | 1250.1 | 1249.2 | 1248.3 | 1248.1 |
| 167.5° | 1266.2 | 1267.6 | 1269.0 | 1270.4 | 1271.8 | 1271.8 | 1270.4 | 1269.1 | 1267.7 | 1266.4 | 1266.4 |
| 170° | 1276.7 | 1278.3 | 1279.9 | 1281.4 | 1283.0 | 1283.1 | 1281.8 | 1280.4 | 1279.1 | 1277.7 | 1277.7 |
| 172.5° | 1285.6 | 1287.0 | 1288.4 | 1289.8 | 1291.2 | 1291.2 | 1289.9 | 1288.5 | 1287.2 | 1285.8 | 1285.8 |
| 175° | 1293.9 | 1295.5 | 1297.1 | 1298.7 | 1300.2 | 1300.4 | 1299.0 | 1297.6 | 1296.3 | 1294.9 | 1294.9 |
| 177.5° | 1298.8 | 1300.1 | 1301.3 | 1302.6 | 1303.8 | 1303.9 | 1302.9 | 1301.8 | 1300.7 | 1299.6 | 1299.8 |
| 180° | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 |
| 2.5° | 1636.1 | 1632.3 | 1628.0 | 1620.4 | 1611.2 | 1606.4 | 1598.8 | 1594.0 | 1584.2 | 1576.1 | 1567.5 |
| 5° | 1719.1 | 1701.6 | 1685.4 | 1664.4 | 1641.5 | 1626.6 | 1609.1 | 1589.5 | 1569.3 | 1548.3 | 1525.4 |
| 7.5° | 1805.1 | 1774.0 | 1740.3 | 1704.0 | 1668.5 | 1635.8 | 1604.6 | 1574.0 | 1545.4 | 1510.8 | 1481.5 |
| 10° | 1862.9 | 1823.7 | 1781.9 | 1732.6 | 1684.7 | 1642.8 | 1600.3 | 1563.2 | 1525.4 | 1484.9 | 1449.1 |
| 12.5° | 1920.6 | 1868.5 | 1809.4 | 1755.3 | 1697.6 | 1647.1 | 1597.1 | 1549.7 | 1502.2 | 1457.4 | 1415.6 |
| 15° | 1961.4 | 1915.5 | 1860.8 | 1783.9 | 1719.1 | 1649.6 | 1583.4 | 1522.0 | 1464.6 | 1414.7 | 1362.1 |
| 17.5° | 1988.3 | 1929.1 | 1870.4 | 1796.6 | 1711.7 | 1633.9 | 1559.0 | 1488.7 | 1424.0 | 1360.7 | 1309.9 |
| 20° | 1993.1 | 1932.4 | 1871.0 | 1798.7 | 1711.7 | 1622.6 | 1547.7 | 1463.3 | 1393.8 | 1328.3 | 1266.2 |
| 22.5° | 1991.5 | 1922.7 | 1855.8 | 1781.5 | 1696.6 | 1614.5 | 1523.9 | 1437.9 | 1362.5 | 1298.1 | 1233.3 |
| 25° | 1976.3 | 1902.7 | 1819.0 | 1744.1 | 1660.4 | 1573.3 | 1481.5 | 1392.4 | 1315.5 | 1241.9 | 1177.8 |
| 27.5° | 1963.6 | 1868.1 | 1773.4 | 1686.0 | 1605.2 | 1525.4 | 1437.5 | 1346.3 | 1260.9 | 1186.4 | 1126.0 |
| 30° | 1947.9 | 1843.3 | 1736.6 | 1645.5 | 1562.5 | 1484.9 | 1401.9 | 1312.8 | 1223.7 | 1150.8 | 1086.0 |
| 32.5° | 1933.9 | 1812.0 | 1699.4 | 1600.2 | 1512.3 | 1436.8 | 1360.3 | 1275.5 | 1188.0 | 1114.1 | 1049.3 |
| 35° | 1906.7 | 1765.7 | 1636.8 | 1524.7 | 1430.9 | 1353.3 | 1289.2 | 1210.2 | 1129.9 | 1058.3 | 996.2 |
| 37.5° | 1872.3 | 1704.9 | 1566.6 | 1449.1 | 1346.3 | 1264.5 | 1204.8 | 1144.2 | 1067.1 | 998.1 | 942.0 |
| 40° | 1845.3 | 1661.7 | 1515.3 | 1395.1 | 1288.5 | 1203.4 | 1148.1 | 1090.7 | 1026.6 | 962.5 | 903.1 |
| 42.5° | 1811.3 | 1622.9 | 1463.4 | 1334.1 | 1228.5 | 1145.7 | 1087.6 | 1038.9 | 982.3 | 922.5 | 867.4 |
| 45° | 1748.8 | 1552.4 | 1379.6 | 1240.6 | 1133.9 | 1052.2 | 992.2 | 955.7 | 913.2 | 856.5 | 809.9 |
| 47.5° | 1656.9 | 1467.7 | 1289.0 | 1145.5 | 1035.5 | 959.8 | 903.5 | 868.5 | 838.6 | 796.4 | 754.2 |
| 50° | 1575.3 | 1404.6 | 1223.7 | 1081.3 | 971.3 | 895.0 | 843.0 | 811.3 | 785.6 | 753.2 | 717.5 |
| 52.5° | 1484.1 | 1325.2 | 1159.4 | 1018.6 | 909.7 | 834.5 | 783.6 | 755.7 | 734.3 | 711.1 | 675.9 |
| 55° | 1339.1 | 1204.1 | 1050.2 | 916.6 | 816.0 | 742.4 | 697.9 | 673.6 | 656.1 | 638.5 | 616.9 |
| 57.5° | 1179.4 | 1073.8 | 937.5 | 815.3 | 722.7 | 655.8 | 614.2 | 590.6 | 576.9 | 567.9 | 555.2 |
| 60° | 1067.1 | 976.7 | 859.2 | 747.8 | 657.4 | 598.0 | 557.5 | 539.3 | 527.8 | 520.4 | 510.9 |
| 62.5° | 962.9 | 888.6 | 779.8 | 678.2 | 599.1 | 542.9 | 506.8 | 489.1 | 478.1 | 474.5 | 466.7 |
| 65° | 809.3 | 751.9 | 662.1 | 577.8 | 510.3 | 462.3 | 432.0 | 415.1 | 408.3 | 404.3 | 405.0 |
| 67.5° | 657.9 | 623.0 | 550.9 | 478.9 | 425.1 | 384.9 | 360.6 | 347.6 | 344.2 | 338.8 | 338.7 |
| 70° | 565.6 | 539.3 | 478.5 | 415.8 | 367.8 | 336.8 | 315.2 | 301.7 | 298.3 | 295.6 | 295.0 |
| 72.5° | 484.1 | 461.0 | 408.3 | 358.0 | 314.9 | 287.7 | 269.8 | 261.7 | 256.2 | 254.6 | 254.5 |
| 75° | 363.8 | 351.0 | 309.1 | 269.3 | 239.6 | 220.7 | 208.6 | 201.1 | 197.1 | 196.4 | 197.1 |
| 77.5° | 258.6 | 247.4 | 220.8 | 192.6 | 173.9 | 159.6 | 149.3 | 146.7 | 142.1 | 142.3 | 141.6 |
| 80° | 194.4 | 187.0 | 170.1 | 147.8 | 132.3 | 120.1 | 114.7 | 110.0 | 108.7 | 106.6 | 108.7 |
| 82.5° | 140.9 | 133.0 | 121.5 | 107.3 | 94.5 | 87.2 | 81.8 | 80.3 | 79.5 | 78.6 | 79.0 |
| 85° | 69.5 | 70.2 | 63.4 | 52.6 | 47.2 | 43.2 | 39.8 | 39.8 | 39.1 | 38.5 | 39.1 |
| 87.5° | 26.4 | 25.0 | 22.5 | 20.5 | 17.5 | 15.5 | 14.6 | 14.8 | 13.5 | 13.3 | 14.2 |
| 90° | 13.1 | 11.5 | 9.9 | 8.2 | 6.4 | 4.6 | 2.8 | 1.0 | 2.8 | 4.6 | 6.4 |
| 92.5° | 35.0 | 33.1 | 31.2 | 29.6 | 28.3 | 27.0 | 25.8 | 24.5 | 25.8 | 27.0 | 28.3 |
| 95° | 73.5 | 71.3 | 69.0 | 67.7 | 67.2 | 66.8 | 66.3 | 65.9 | 66.3 | 66.8 | 67.2 |
| 97.5° | 118.0 | 114.9 | 111.8 | 110.2 | 110.0 | 109.8 | 109.6 | 109.4 | 109.6 | 109.8 | 110.0 |
| 100° | 149.2 | 146.2 | 143.3 | 141.9 | 141.9 | 141.9 | 141.9 | 141.9 | 141.9 | 141.9 | 141.9 |
| 102.5° | 184.5 | 183.0 | 181.5 | 180.3 | 179.4 | 178.5 | 177.6 | 176.7 | 177.6 | 178.5 | 179.4 |
| 105° | 239.5 | 238.1 | 236.8 | 235.5 | 234.4 | 233.3 | 232.1 | 231.0 | 232.1 | 233.3 | 234.4 |
| 107.5° | 298.7 | 297.6 | 296.6 | 295.5 | 294.4 | 293.3 | 292.1 | 291.0 | 292.1 | 293.3 | 294.4 |
| 110° | 339.1 | 338.4 | 337.8 | 336.9 | 335.7 | 334.6 | 333.5 | 332.3 | 333.5 | 334.6 | 335.7 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 379.3 | 378.4 | 377.6 | 376.8 | 376.3 | 375.7 | 375.1 | 374.5 | 375.1 | 375.7 | 376.3 |
| 115° | 441.9 | 441.4 | 441.0 | 440.3 | 439.4 | 438.5 | 437.6 | 436.7 | 437.6 | 438.5 | 439.4 |
| 117.5° | 502.0 | 501.6 | 501.2 | 500.8 | 500.3 | 499.9 | 499.5 | 499.1 | 499.5 | 499.9 | 500.3 |
| 120° | 543.7 | 543.4 | 543.2 | 542.5 | 541.4 | 540.3 | 539.2 | 538.0 | 539.2 | 540.3 | 541.4 |
| 122.5° | 583.5 | 582.9 | 582.3 | 581.8 | 581.4 | 581.0 | 580.6 | 580.2 | 580.6 | 581.0 | 581.4 |
| 125° | 644.0 | 643.8 | 643.5 | 642.7 | 641.4 | 640.0 | 638.7 | 637.3 | 638.7 | 640.0 | 641.4 |
| 127.5° | 702.3 | 702.0 | 701.7 | 701.2 | 700.4 | 699.7 | 698.9 | 698.1 | 698.9 | 699.7 | 700.4 |
| 130° | 740.8 | 740.4 | 739.9 | 739.1 | 738.0 | 736.9 | 735.7 | 734.6 | 735.7 | 736.9 | 738.0 |
| 132.5° | 779.2 | 779.3 | 779.4 | 778.5 | 776.6 | 774.8 | 772.9 | 771.1 | 772.9 | 774.8 | 776.6 |
| 135° | 835.5 | 835.3 | 835.0 | 834.3 | 832.9 | 831.5 | 830.2 | 828.8 | 830.2 | 831.5 | 832.9 |
| 137.5° | 890.3 | 889.8 | 889.3 | 888.4 | 887.1 | 885.8 | 884.5 | 883.2 | 884.5 | 885.8 | 887.1 |
| 140° | 924.8 | 924.1 | 923.4 | 922.5 | 921.4 | 920.3 | 919.1 | 918.0 | 919.1 | 920.3 | 921.4 |
| 142.5° | 959.3 | 958.4 | 957.6 | 956.7 | 955.7 | 954.8 | 953.8 | 952.9 | 953.8 | 954.8 | 955.7 |
| 145° | 1009.9 | 1009.2 | 1008.5 | 1007.7 | 1006.8 | 1005.9 | 1005.0 | 1004.1 | 1005.0 | 1005.9 | 1006.8 |
| 147.5° | 1055.1 | 1054.6 | 1054.1 | 1053.5 | 1053.0 | 1052.6 | 1052.1 | 1051.6 | 1052.1 | 1052.6 | 1053.0 |
| 150° | 1084.4 | 1083.5 | 1082.6 | 1082.3 | 1082.5 | 1082.7 | 1083.0 | 1083.2 | 1083.0 | 1082.7 | 1082.5 |
| 152.5° | 1111.4 | 1111.1 | 1110.7 | 1110.4 | 1110.1 | 1109.7 | 1109.4 | 1109.1 | 1109.4 | 1109.7 | 1110.1 |
| 155° | 1149.6 | 1149.4 | 1149.1 | 1149.0 | 1149.0 | 1149.0 | 1149.0 | 1149.0 | 1149.0 | 1149.0 | 1149.0 |
| 157.5° | 1183.0 | 1182.8 | 1182.6 | 1182.7 | 1183.2 | 1183.7 | 1184.2 | 1184.7 | 1184.2 | 1183.7 | 1183.2 |
| 160° | 1203.3 | 1203.1 | 1202.9 | 1203.1 | 1203.8 | 1204.4 | 1205.1 | 1205.8 | 1205.1 | 1204.4 | 1203.8 |
| 162.5° | 1222.3 | 1222.3 | 1222.2 | 1222.4 | 1222.9 | 1223.4 | 1223.9 | 1224.4 | 1223.9 | 1223.4 | 1222.9 |
| 165° | 1247.9 | 1247.7 | 1247.4 | 1247.5 | 1248.0 | 1248.4 | 1248.9 | 1249.4 | 1248.9 | 1248.4 | 1248.0 |
| 167.5° | 1266.4 | 1266.4 | 1266.4 | 1266.8 | 1267.7 | 1268.6 | 1269.5 | 1270.4 | 1269.5 | 1268.6 | 1267.7 |
| 170° | 1277.7 | 1277.7 | 1277.7 | 1278.2 | 1279.1 | 1280.0 | 1280.9 | 1281.8 | 1280.9 | 1280.0 | 1279.1 |
| 172.5° | 1285.8 | 1285.8 | 1285.8 | 1286.3 | 1287.2 | 1288.1 | 1289.0 | 1289.9 | 1289.0 | 1288.1 | 1287.2 |
| 175° | 1294.9 | 1294.9 | 1294.9 | 1295.4 | 1296.3 | 1297.2 | 1298.1 | 1299.0 | 1298.1 | 1297.2 | 1296.3 |
| 177.5° | 1300.0 | 1300.1 | 1300.3 | 1300.8 | 1301.5 | 1302.2 | 1302.9 | 1303.7 | 1302.9 | 1302.2 | 1301.5 |
| 180° | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 |
| 2.5° | 1562.6 | 1556.7 | 1551.8 | 1541.0 | 1535.1 | 1527.0 | 1520.5 | 1527.5 | 1520.0 | 1523.2 | 1518.4 |
| 5° | 1513.9 | 1495.0 | 1481.5 | 1461.9 | 1445.1 | 1429.5 | 1418.1 | 1416.0 | 1410.6 | 1407.9 | 1399.8 |
| 7.5° | 1455.3 | 1431.7 | 1408.5 | 1382.8 | 1361.2 | 1339.2 | 1325.2 | 1313.6 | 1305.9 | 1295.8 | 1288.9 |
| 10° | 1420.8 | 1389.0 | 1362.1 | 1331.0 | 1304.0 | 1280.4 | 1261.5 | 1252.0 | 1243.3 | 1230.4 | 1225.7 |
| 12.5° | 1378.1 | 1345.3 | 1312.4 | 1279.2 | 1253.2 | 1226.9 | 1210.7 | 1196.4 | 1190.3 | 1175.9 | 1174.4 |
| 15° | 1327.0 | 1277.7 | 1245.3 | 1211.5 | 1175.8 | 1154.2 | 1140.7 | 1125.1 | 1118.4 | 1108.3 | 1100.8 |
| 17.5° | 1265.9 | 1221.9 | 1181.4 | 1146.5 | 1115.8 | 1097.6 | 1080.9 | 1070.2 | 1058.6 | 1052.0 | 1039.8 |
| 20° | 1221.7 | 1179.8 | 1139.3 | 1102.2 | 1078.6 | 1057.6 | 1044.1 | 1034.0 | 1021.9 | 1018.5 | 1006.4 |
| 22.5° | 1184.4 | 1138.2 | 1099.4 | 1068.2 | 1042.4 | 1018.8 | 1004.2 | 997.3 | 988.9 | 978.5 | 976.1 |
| 25° | 1123.8 | 1075.9 | 1042.8 | 1011.8 | 988.8 | 967.2 | 957.1 | 948.3 | 940.2 | 932.8 | 930.1 |
| 27.5° | 1071.4 | 1028.6 | 989.3 | 961.3 | 941.3 | 921.6 | 912.7 | 902.0 | 896.1 | 890.1 | 882.8 |
| 30° | 1034.7 | 990.8 | 956.4 | 929.4 | 907.8 | 890.3 | 880.8 | 873.4 | 868.0 | 862.6 | 858.5 |
| 32.5° | 996.9 | 956.3 | 922.9 | 896.5 | 874.9 | 861.6 | 853.3 | 848.0 | 842.1 | 835.6 | 830.5 |
| 35° | 947.0 | 902.4 | 870.0 | 847.1 | 830.2 | 820.1 | 810.6 | 805.9 | 799.1 | 799.1 | 793.7 |
| 37.5° | 890.7 | 852.2 | 823.6 | 802.7 | 787.5 | 778.5 | 768.2 | 765.0 | 760.7 | 757.8 | 755.9 |
| 40° | 857.2 | 821.4 | 794.4 | 773.5 | 757.3 | 749.9 | 741.8 | 736.4 | 733.7 | 730.3 | 728.9 |
| 42.5° | 822.6 | 788.5 | 762.6 | 743.3 | 729.2 | 722.9 | 715.3 | 711.5 | 706.1 | 701.7 | 700.9 |
| 45° | 770.1 | 737.0 | 713.4 | 697.9 | 685.7 | 678.3 | 673.6 | 665.5 | 662.8 | 657.4 | 656.7 |
| 47.5° | 720.3 | 688.6 | 665.4 | 652.7 | 642.0 | 635.9 | 628.5 | 620.4 | 617.3 | 614.6 | 614.3 |
| 50° | 683.1 | 654.0 | 632.4 | 620.3 | 610.2 | 601.4 | 594.0 | 588.6 | 586.5 | 586.5 | 587.9 |
| 52.5° | 645.3 | 620.5 | 602.2 | 587.3 | 577.8 | 568.4 | 561.6 | 558.3 | 555.2 | 558.5 | 560.9 |
| 55° | 589.9 | 564.9 | 551.4 | 537.3 | 527.8 | 517.0 | 513.6 | 512.3 | 510.3 | 515.7 | 518.4 |
| 57.5° | 531.3 | 513.8 | 498.0 | 483.9 | 475.4 | 469.2 | 464.6 | 463.8 | 467.6 | 470.2 | 478.9 |
| 60° | 494.1 | 473.8 | 459.6 | 448.8 | 438.7 | 434.7 | 433.3 | 432.0 | 434.7 | 442.1 | 453.6 |
| 62.5° | 453.0 | 436.6 | 421.3 | 413.2 | 405.8 | 399.0 | 398.8 | 399.6 | 405.0 | 413.5 | 424.9 |
| 65° | 392.8 | 378.6 | 368.5 | 359.1 | 353.0 | 348.9 | 350.3 | 353.0 | 359.1 | 370.5 | 383.4 |
| 67.5° | 331.7 | 322.0 | 312.9 | 305.2 | 299.4 | 299.4 | 300.8 | 304.8 | 312.0 | 325.2 | 336.9 |
| 70° | 292.3 | 281.5 | 274.0 | 270.7 | 265.9 | 263.2 | 267.3 | 274.0 | 280.1 | 292.3 | 302.4 |
| 72.5° | 252.8 | 243.7 | 237.9 | 235.6 | 233.5 | 231.4 | 232.7 | 240.0 | 248.2 | 260.4 | 272.1 |
| 75° | 194.4 | 191.0 | 187.0 | 184.3 | 182.2 | 183.6 | 184.9 | 191.7 | 198.4 | 211.3 | 224.8 |
| 77.5° | 141.9 | 138.4 | 135.9 | 135.3 | 134.2 | 134.9 | 138.6 | 143.6 | 150.2 | 159.6 | 169.8 |
| 80° | 107.3 | 106.0 | 104.6 | 103.9 | 103.9 | 104.6 | 110.0 | 113.4 | 119.5 | 128.2 | 136.3 |
| 82.5° | 78.2 | 77.3 | 77.1 | 76.9 | 77.5 | 77.6 | 80.9 | 85.3 | 90.3 | 96.9 | 103.9 |
| 85° | 41.2 | 39.8 | 41.8 | 42.5 | 41.2 | 43.2 | 44.5 | 47.2 | 49.3 | 52.6 | 56.0 |
| 87.5° | 15.1 | 16.6 | 16.3 | 17.2 | 17.5 | 18.9 | 18.6 | 21.0 | 22.3 | 23.6 | 23.2 |
| 90° | 8.2 | 9.9 | 11.5 | 13.1 | 14.6 | 16.2 | 17.3 | 18.5 | 19.6 | 20.7 | 21.6 |
| 92.5° | 29.6 | 31.2 | 33.1 | 35.0 | 37.0 | 38.9 | 40.4 | 41.9 | 43.4 | 44.9 | 45.8 |
| 95° | 67.7 | 69.0 | 71.3 | 73.5 | 75.8 | 78.0 | 79.6 | 81.2 | 82.7 | 84.3 | 85.3 |
| 97.5° | 110.2 | 111.8 | 114.9 | 118.0 | 121.1 | 124.2 | 125.7 | 127.2 | 128.7 | 130.2 | 131.0 |
| 100° | 141.9 | 143.3 | 146.2 | 149.2 | 152.1 | 155.0 | 157.1 | 159.1 | 161.1 | 163.1 | 164.4 |
| 102.5° | 180.3 | 181.5 | 183.0 | 184.5 | 186.0 | 187.5 | 189.7 | 191.9 | 194.1 | 196.3 | 197.7 |
| 105° | 235.5 | 236.8 | 238.1 | 239.5 | 240.8 | 242.2 | 243.5 | 244.9 | 246.2 | 247.6 | 248.6 |
| 107.5° | 295.5 | 296.6 | 297.6 | 298.7 | 299.7 | 300.7 | 301.4 | 302.1 | 302.8 | 303.4 | 303.8 |
| 110° | 336.9 | 337.8 | 338.4 | 339.1 | 339.8 | 340.5 | 341.1 | 341.8 | 342.5 | 343.2 | 343.4 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 376.8 | 377.6 | 378.4 | 379.3 | 380.1 | 381.0 | 381.3 | 381.6 | 381.9 | 382.2 | 382.2 |
| 115° | 440.3 | 441.0 | 441.4 | 441.9 | 442.3 | 442.8 | 442.6 | 442.3 | 442.1 | 441.9 | 441.7 |
| 117.5° | 500.8 | 501.2 | 501.6 | 502.0 | 502.4 | 502.8 | 503.0 | 503.1 | 503.3 | 503.5 | 503.1 |
| 120° | 542.5 | 543.2 | 543.4 | 543.7 | 543.9 | 544.1 | 544.1 | 544.1 | 544.1 | 544.1 | 543.7 |
| 122.5° | 581.8 | 582.3 | 582.9 | 583.5 | 584.1 | 584.7 | 584.5 | 584.3 | 584.1 | 583.9 | 583.5 |
| 125° | 642.7 | 643.5 | 643.8 | 644.0 | 644.2 | 644.4 | 644.0 | 643.5 | 643.1 | 642.6 | 642.3 |
| 127.5° | 701.2 | 701.7 | 702.0 | 702.3 | 702.5 | 702.8 | 702.6 | 702.3 | 702.1 | 701.9 | 701.6 |
| 130° | 739.1 | 739.9 | 740.4 | 740.8 | 741.3 | 741.7 | 741.5 | 741.3 | 741.0 | 740.8 | 740.5 |
| 132.5° | 778.5 | 779.4 | 779.3 | 779.2 | 779.1 | 779.0 | 778.8 | 778.5 | 778.3 | 778.1 | 777.7 |
| 135° | 834.3 | 835.0 | 835.3 | 835.5 | 835.7 | 835.9 | 835.9 | 835.9 | 835.9 | 835.9 | 835.5 |
| 137.5° | 888.4 | 889.3 | 889.8 | 890.3 | 890.8 | 891.3 | 891.5 | 891.8 | 892.1 | 892.3 | 891.9 |
| 140° | 922.5 | 923.4 | 924.1 | 924.8 | 925.4 | 926.1 | 926.6 | 927.0 | 927.5 | 927.9 | 927.6 |
| 142.5° | 956.7 | 957.6 | 958.4 | 959.3 | 960.1 | 961.0 | 961.2 | 961.5 | 961.8 | 962.1 | 961.6 |
| 145° | 1007.7 | 1008.5 | 1009.2 | 1009.9 | 1010.6 | 1011.2 | 1011.2 | 1011.2 | 1011.2 | 1011.2 | 1010.9 |
| 147.5° | 1053.5 | 1054.1 | 1054.6 | 1055.1 | 1055.7 | 1056.2 | 1056.8 | 1057.3 | 1057.8 | 1058.4 | 1057.9 |
| 150° | 1082.3 | 1082.6 | 1083.5 | 1084.4 | 1085.3 | 1086.2 | 1086.2 | 1086.2 | 1086.2 | 1086.2 | 1086.0 |
| 152.5° | 1110.4 | 1110.7 | 1111.1 | 1111.4 | 1111.8 | 1112.2 | 1112.7 | 1113.2 | 1113.8 | 1114.3 | 1114.2 |
| 155° | 1149.0 | 1149.1 | 1149.4 | 1149.6 | 1149.8 | 1150.1 | 1151.0 | 1151.9 | 1152.8 | 1153.7 | 1153.5 |
| 157.5° | 1182.7 | 1182.6 | 1182.8 | 1183.0 | 1183.3 | 1183.5 | 1184.4 | 1185.3 | 1186.2 | 1187.1 | 1186.8 |
| 160° | 1203.1 | 1202.9 | 1203.1 | 1203.3 | 1203.5 | 1203.8 | 1204.7 | 1205.6 | 1206.5 | 1207.4 | 1207.2 |
| 162.5° | 1222.4 | 1222.2 | 1222.3 | 1222.3 | 1222.4 | 1222.4 | 1223.5 | 1224.6 | 1225.6 | 1226.7 | 1226.6 |
| 165° | 1247.5 | 1247.4 | 1247.7 | 1247.9 | 1248.1 | 1248.3 | 1249.2 | 1250.1 | 1251.0 | 1251.9 | 1251.7 |
| 167.5° | 1266.8 | 1266.4 | 1266.4 | 1266.4 | 1266.4 | 1266.4 | 1267.7 | 1269.1 | 1270.4 | 1271.8 | 1271.8 |
| 170° | 1278.2 | 1277.7 | 1277.7 | 1277.7 | 1277.7 | 1277.7 | 1279.1 | 1280.4 | 1281.8 | 1283.1 | 1283.0 |
| 172.5° | 1286.3 | 1285.8 | 1285.8 | 1285.8 | 1285.8 | 1285.8 | 1287.2 | 1288.5 | 1289.9 | 1291.2 | 1291.2 |
| 175° | 1295.4 | 1294.9 | 1294.9 | 1294.9 | 1294.9 | 1294.9 | 1296.3 | 1297.6 | 1299.0 | 1300.4 | 1300.2 |
| 177.5° | 1300.8 | 1300.3 | 1300.1 | 1300.0 | 1299.8 | 1299.6 | 1300.7 | 1301.8 | 1302.9 | 1303.9 | 1303.8 |
| 180° | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 |
| 2.5° | 1515.1 | 1518.9 | 1515.7 | 1520.0 | 1515.7 | 1518.9 | 1515.1 | 1518.4 | 1523.2 | 1520.0 | 1527.5 |
| 5° | 1396.5 | 1390.4 | 1394.4 | 1391.7 | 1394.4 | 1390.4 | 1396.5 | 1399.8 | 1407.9 | 1410.6 | 1416.0 |
| 7.5° | 1286.9 | 1281.1 | 1274.4 | 1271.3 | 1274.4 | 1281.1 | 1286.9 | 1288.9 | 1295.8 | 1305.9 | 1313.6 |
| 10° | 1218.3 | 1210.9 | 1210.2 | 1205.5 | 1210.2 | 1210.9 | 1218.3 | 1225.7 | 1230.4 | 1243.3 | 1252.0 |
| 12.5° | 1168.1 | 1161.2 | 1153.5 | 1151.5 | 1153.5 | 1161.2 | 1168.1 | 1174.4 | 1175.9 | 1190.3 | 1196.4 |
| 15° | 1096.8 | 1091.4 | 1086.7 | 1090.7 | 1086.7 | 1091.4 | 1096.8 | 1100.8 | 1108.3 | 1118.4 | 1125.1 |
| 17.5° | 1037.5 | 1033.1 | 1032.3 | 1027.3 | 1032.3 | 1033.1 | 1037.5 | 1039.8 | 1052.0 | 1058.6 | 1070.2 |
| 20° | 1000.3 | 996.9 | 998.3 | 989.5 | 998.3 | 996.9 | 1000.3 | 1006.4 | 1018.5 | 1021.9 | 1034.0 |
| 22.5° | 970.6 | 964.0 | 963.2 | 961.4 | 963.2 | 964.0 | 970.6 | 976.1 | 978.5 | 988.9 | 997.3 |
| 25° | 924.0 | 920.6 | 917.3 | 920.6 | 917.3 | 920.6 | 924.0 | 930.1 | 932.8 | 940.2 | 948.3 |
| 27.5° | 883.4 | 879.3 | 878.4 | 878.8 | 878.4 | 879.3 | 883.4 | 882.8 | 890.1 | 896.1 | 902.0 |
| 30° | 858.5 | 851.8 | 852.5 | 851.8 | 852.5 | 851.8 | 858.5 | 858.5 | 862.6 | 868.0 | 873.4 |
| 32.5° | 831.5 | 826.9 | 826.0 | 824.8 | 826.0 | 826.9 | 831.5 | 830.5 | 835.6 | 842.1 | 848.0 |
| 35° | 791.7 | 791.7 | 788.3 | 788.3 | 788.3 | 791.7 | 791.7 | 793.7 | 799.1 | 799.1 | 805.9 |
| 37.5° | 754.3 | 753.6 | 751.6 | 751.9 | 751.6 | 753.6 | 754.3 | 755.9 | 757.8 | 760.7 | 765.0 |
| 40° | 726.2 | 725.6 | 723.5 | 719.5 | 723.5 | 725.6 | 726.2 | 728.9 | 730.3 | 733.7 | 736.4 |
| 42.5° | 699.2 | 697.0 | 696.0 | 694.7 | 696.0 | 697.0 | 699.2 | 700.9 | 701.7 | 706.1 | 711.5 |
| 45° | 656.7 | 656.7 | 655.4 | 654.7 | 655.4 | 656.7 | 656.7 | 656.7 | 657.4 | 662.8 | 665.5 |
| 47.5° | 615.4 | 616.6 | 619.2 | 618.8 | 619.2 | 616.6 | 615.4 | 614.3 | 614.6 | 617.3 | 620.4 |
| 50° | 590.6 | 591.3 | 593.3 | 594.0 | 593.3 | 591.3 | 590.6 | 587.9 | 586.5 | 586.5 | 588.6 |
| 52.5° | 563.0 | 567.0 | 569.5 | 569.1 | 569.5 | 567.0 | 563.0 | 560.9 | 558.5 | 555.2 | 558.3 |
| 55° | 524.4 | 529.2 | 533.9 | 534.6 | 533.9 | 529.2 | 524.4 | 518.4 | 515.7 | 510.3 | 512.3 |
| 57.5° | 486.2 | 492.8 | 497.8 | 499.5 | 497.8 | 492.8 | 486.2 | 478.9 | 470.2 | 467.6 | 463.8 |
| 60° | 460.3 | 469.1 | 475.2 | 477.9 | 475.2 | 469.1 | 460.3 | 453.6 | 442.1 | 434.7 | 432.0 |
| 62.5° | 435.5 | 445.3 | 451.4 | 451.9 | 451.4 | 445.3 | 435.5 | 424.9 | 413.5 | 405.0 | 399.6 |
| 65° | 394.8 | 405.0 | 410.4 | 414.4 | 410.4 | 405.0 | 394.8 | 383.4 | 370.5 | 359.1 | 353.0 |
| 67.5° | 351.1 | 361.2 | 367.2 | 370.4 | 367.2 | 361.2 | 351.1 | 336.9 | 325.2 | 312.0 | 304.8 |
| 70° | 319.3 | 329.4 | 337.5 | 340.2 | 337.5 | 329.4 | 319.3 | 302.4 | 292.3 | 280.1 | 274.0 |
| 72.5° | 287.9 | 297.0 | 303.5 | 306.7 | 303.5 | 297.0 | 287.9 | 272.1 | 260.4 | 248.2 | 240.0 |
| 75° | 233.5 | 245.7 | 251.8 | 255.1 | 251.8 | 245.7 | 233.5 | 224.8 | 211.3 | 198.4 | 191.7 |
| 77.5° | 180.1 | 191.1 | 194.8 | 196.5 | 194.8 | 191.1 | 180.1 | 169.8 | 159.6 | 150.2 | 143.6 |
| 80° | 144.4 | 151.2 | 155.9 | 156.6 | 155.9 | 151.2 | 144.4 | 136.3 | 128.2 | 119.5 | 113.4 |
| 82.5° | 111.0 | 116.6 | 118.1 | 119.9 | 118.1 | 116.6 | 111.0 | 103.9 | 96.9 | 90.3 | 85.3 |
| 85° | 60.7 | 63.4 | 64.1 | 63.4 | 64.1 | 63.4 | 60.7 | 56.0 | 52.6 | 49.3 | 47.2 |
| 87.5° | 24.4 | 24.0 | 24.2 | 25.4 | 24.2 | 24.0 | 24.4 | 23.2 | 23.6 | 22.3 | 21.0 |
| 90° | 22.3 | 23.0 | 23.6 | 24.3 | 23.6 | 23.0 | 22.3 | 21.6 | 20.7 | 19.6 | 18.5 |
| 92.5° | 46.3 | 46.8 | 47.3 | 47.8 | 47.3 | 46.8 | 46.3 | 45.8 | 44.9 | 43.4 | 41.9 |
| 95° | 85.8 | 86.2 | 86.7 | 87.1 | 86.7 | 86.2 | 85.8 | 85.3 | 84.3 | 82.7 | 81.2 |
| 97.5° | 131.3 | 131.6 | 131.9 | 132.1 | 131.9 | 131.6 | 131.3 | 131.0 | 130.2 | 128.7 | 127.2 |
| 100° | 164.8 | 165.3 | 165.7 | 166.2 | 165.7 | 165.3 | 164.8 | 164.4 | 163.1 | 161.1 | 159.1 |
| 102.5° | 198.3 | 199.0 | 199.6 | 200.2 | 199.6 | 199.0 | 198.3 | 197.7 | 196.3 | 194.1 | 191.9 |
| 105° | 249.3 | 249.9 | 250.6 | 251.3 | 250.6 | 249.9 | 249.3 | 248.6 | 247.6 | 246.2 | 244.9 |
| 107.5° | 303.7 | 303.7 | 303.6 | 303.6 | 303.6 | 303.7 | 303.7 | 303.8 | 303.4 | 302.8 | 302.1 |
| 110° | 343.2 | 342.9 | 342.7 | 342.5 | 342.7 | 342.9 | 343.2 | 343.4 | 343.2 | 342.5 | 341.8 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 381.8 | 381.4 | 381.0 | 380.6 | 381.0 | 381.4 | 381.8 | 382.2 | 382.2 | 381.9 | 381.6 |
| 115° | 441.4 | 441.2 | 441.0 | 440.8 | 441.0 | 441.2 | 441.4 | 441.7 | 441.9 | 442.1 | 442.3 |
| 117.5° | 502.2 | 501.3 | 500.4 | 499.5 | 500.4 | 501.3 | 502.2 | 503.1 | 503.5 | 503.3 | 503.1 |
| 120° | 542.8 | 541.9 | 541.0 | 540.1 | 541.0 | 541.9 | 542.8 | 543.7 | 544.1 | 544.1 | 544.1 |
| 122.5° | 582.8 | 582.0 | 581.3 | 580.6 | 581.3 | 582.0 | 582.8 | 583.5 | 583.9 | 584.1 | 584.3 |
| 125° | 642.1 | 641.8 | 641.6 | 641.4 | 641.6 | 641.8 | 642.1 | 642.3 | 642.6 | 643.1 | 643.5 |
| 127.5° | 701.1 | 700.7 | 700.2 | 699.8 | 700.2 | 700.7 | 701.1 | 701.6 | 701.9 | 702.1 | 702.3 |
| 130° | 740.0 | 739.6 | 739.1 | 738.7 | 739.1 | 739.6 | 740.0 | 740.5 | 740.8 | 741.0 | 741.3 |
| 132.5° | 777.0 | 776.4 | 775.8 | 775.1 | 775.8 | 776.4 | 777.0 | 777.7 | 778.1 | 778.3 | 778.5 |
| 135° | 834.6 | 833.7 | 832.8 | 831.9 | 832.8 | 833.7 | 834.6 | 835.5 | 835.9 | 835.9 | 835.9 |
| 137.5° | 890.8 | 889.7 | 888.5 | 887.4 | 888.5 | 889.7 | 890.8 | 891.9 | 892.3 | 892.1 | 891.8 |
| 140° | 926.5 | 925.3 | 924.2 | 923.1 | 924.2 | 925.3 | 926.5 | 927.6 | 927.9 | 927.5 | 927.0 |
| 142.5° | 960.5 | 959.4 | 958.3 | 957.1 | 958.3 | 959.4 | 960.5 | 961.6 | 962.1 | 961.8 | 961.5 |
| 145° | 1010.2 | 1009.5 | 1008.9 | 1008.2 | 1008.9 | 1009.5 | 1010.2 | 1010.9 | 1011.2 | 1011.2 | 1011.2 |
| 147.5° | 1056.4 | 1054.8 | 1053.3 | 1051.8 | 1053.3 | 1054.8 | 1056.4 | 1057.9 | 1058.4 | 1057.8 | 1057.3 |
| 150° | 1085.5 | 1085.1 | 1084.6 | 1084.2 | 1084.6 | 1085.1 | 1085.5 | 1086.0 | 1086.2 | 1086.2 | 1086.2 |
| 152.5° | 1113.4 | 1112.6 | 1111.7 | 1110.9 | 1111.7 | 1112.6 | 1113.4 | 1114.2 | 1114.3 | 1113.8 | 1113.2 |
| 155° | 1152.4 | 1151.3 | 1150.2 | 1149.0 | 1150.2 | 1151.3 | 1152.4 | 1153.5 | 1153.7 | 1152.8 | 1151.9 |
| 157.5° | 1185.3 | 1183.8 | 1182.3 | 1180.9 | 1182.3 | 1183.8 | 1185.3 | 1186.8 | 1187.1 | 1186.2 | 1185.3 |
| 160° | 1206.1 | 1205.0 | 1203.9 | 1202.7 | 1203.9 | 1205.0 | 1206.1 | 1207.2 | 1207.4 | 1206.5 | 1205.6 |
| 162.5° | 1225.3 | 1224.0 | 1222.7 | 1221.4 | 1222.7 | 1224.0 | 1225.3 | 1226.6 | 1226.7 | 1225.6 | 1224.6 |
| 165° | 1250.4 | 1249.0 | 1247.7 | 1246.3 | 1247.7 | 1249.0 | 1250.4 | 1251.7 | 1251.9 | 1251.0 | 1250.1 |
| 167.5° | 1270.4 | 1269.0 | 1267.6 | 1266.2 | 1267.6 | 1269.0 | 1270.4 | 1271.8 | 1271.8 | 1270.4 | 1269.1 |
| 170° | 1281.4 | 1279.9 | 1278.3 | 1276.7 | 1278.3 | 1279.9 | 1281.4 | 1283.0 | 1283.1 | 1281.8 | 1280.4 |
| 172.5° | 1289.8 | 1288.4 | 1287.0 | 1285.6 | 1287.0 | 1288.4 | 1289.8 | 1291.2 | 1291.2 | 1289.9 | 1288.5 |
| 175° | 1298.7 | 1297.1 | 1295.5 | 1293.9 | 1295.5 | 1297.1 | 1298.7 | 1300.2 | 1300.4 | 1299.0 | 1297.6 |
| 177.5° | 1302.6 | 1301.3 | 1300.1 | 1298.8 | 1300.1 | 1301.3 | 1302.6 | 1303.8 | 1303.9 | 1302.9 | 1301.8 |
| 180° | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 |
| 2.5° | 1520.5 | 1527.0 | 1535.1 | 1541.0 | 1551.8 | 1556.7 | 1562.6 | 1567.5 | 1576.1 | 1584.2 | 1594.0 |
| 5° | 1418.1 | 1429.5 | 1445.1 | 1461.9 | 1481.5 | 1495.0 | 1513.9 | 1525.4 | 1548.3 | 1569.3 | 1589.5 |
| 7.5° | 1325.2 | 1339.2 | 1361.2 | 1382.8 | 1408.5 | 1431.7 | 1455.3 | 1481.5 | 1510.8 | 1545.4 | 1574.0 |
| 10° | 1261.5 | 1280.4 | 1304.0 | 1331.0 | 1362.1 | 1389.0 | 1420.8 | 1449.1 | 1484.9 | 1525.4 | 1563.2 |
| 12.5° | 1210.7 | 1226.9 | 1253.2 | 1279.2 | 1312.4 | 1345.3 | 1378.1 | 1415.6 | 1457.4 | 1502.2 | 1549.7 |
| 15° | 1140.7 | 1154.2 | 1175.8 | 1211.5 | 1245.3 | 1277.7 | 1327.0 | 1362.1 | 1414.7 | 1464.6 | 1522.0 |
| 17.5° | 1080.9 | 1097.6 | 1115.8 | 1146.5 | 1181.4 | 1221.9 | 1265.9 | 1309.9 | 1360.7 | 1424.0 | 1488.7 |
| 20° | 1044.1 | 1057.6 | 1078.6 | 1102.2 | 1139.3 | 1179.8 | 1221.7 | 1266.2 | 1328.3 | 1393.8 | 1463.3 |
| 22.5° | 1004.2 | 1018.8 | 1042.4 | 1068.2 | 1099.4 | 1138.2 | 1184.4 | 1233.3 | 1298.1 | 1362.5 | 1437.9 |
| 25° | 957.1 | 967.2 | 988.8 | 1011.8 | 1042.8 | 1075.9 | 1123.8 | 1177.8 | 1241.9 | 1315.5 | 1392.4 |
| 27.5° | 912.7 | 921.6 | 941.3 | 961.3 | 989.3 | 1028.6 | 1071.4 | 1126.0 | 1186.4 | 1260.9 | 1346.3 |
| 30° | 880.8 | 890.3 | 907.8 | 929.4 | 956.4 | 990.8 | 1034.7 | 1086.0 | 1150.8 | 1223.7 | 1312.8 |
| 32.5° | 853.3 | 861.6 | 874.9 | 896.5 | 922.9 | 956.3 | 996.9 | 1049.3 | 1114.1 | 1188.0 | 1275.5 |
| 35° | 810.6 | 820.1 | 830.2 | 847.1 | 870.0 | 902.4 | 947.0 | 996.2 | 1058.3 | 1129.9 | 1210.2 |
| 37.5° | 768.2 | 778.5 | 787.5 | 802.7 | 823.6 | 852.2 | 890.7 | 942.0 | 998.1 | 1067.1 | 1144.2 |
| 40° | 741.8 | 749.9 | 757.3 | 773.5 | 794.4 | 821.4 | 857.2 | 903.1 | 962.5 | 1026.6 | 1090.7 |
| 42.5° | 715.3 | 722.9 | 729.2 | 743.3 | 762.6 | 788.5 | 822.6 | 867.4 | 922.5 | 982.3 | 1038.9 |
| 45° | 673.6 | 678.3 | 685.7 | 697.9 | 713.4 | 737.0 | 770.1 | 809.9 | 856.5 | 913.2 | 955.7 |
| 47.5° | 628.5 | 635.9 | 642.0 | 652.7 | 665.4 | 688.6 | 720.3 | 754.2 | 796.4 | 838.6 | 868.5 |
| 50° | 594.0 | 601.4 | 610.2 | 620.3 | 632.4 | 654.0 | 683.1 | 717.5 | 753.2 | 785.6 | 811.3 |
| 52.5° | 561.6 | 568.4 | 577.8 | 587.3 | 602.2 | 620.5 | 645.3 | 675.9 | 711.1 | 734.3 | 755.7 |
| 55° | 513.6 | 517.0 | 527.8 | 537.3 | 551.4 | 564.9 | 589.9 | 616.9 | 638.5 | 656.1 | 673.6 |
| 57.5° | 464.6 | 469.2 | 475.4 | 483.9 | 498.0 | 513.8 | 531.3 | 555.2 | 567.9 | 576.9 | 590.6 |
| 60° | 433.3 | 434.7 | 438.7 | 448.8 | 459.6 | 473.8 | 494.1 | 510.9 | 520.4 | 527.8 | 539.3 |
| 62.5° | 398.8 | 399.0 | 405.8 | 413.2 | 421.3 | 436.6 | 453.0 | 466.7 | 474.5 | 478.1 | 489.1 |
| 65° | 350.3 | 348.9 | 353.0 | 359.1 | 368.5 | 378.6 | 392.8 | 405.0 | 404.3 | 408.3 | 415.1 |
| 67.5° | 300.8 | 299.4 | 299.4 | 305.2 | 312.9 | 322.0 | 331.7 | 338.7 | 338.8 | 344.2 | 347.6 |
| 70° | 267.3 | 263.2 | 265.9 | 270.7 | 274.0 | 281.5 | 292.3 | 295.0 | 295.6 | 298.3 | 301.7 |
| 72.5° | 232.7 | 231.4 | 233.5 | 235.6 | 237.9 | 243.7 | 252.8 | 254.5 | 254.6 | 256.2 | 261.7 |
| 75° | 184.9 | 183.6 | 182.2 | 184.3 | 187.0 | 191.0 | 194.4 | 197.1 | 196.4 | 197.1 | 201.1 |
| 77.5° | 138.6 | 134.9 | 134.2 | 135.3 | 135.9 | 138.4 | 141.9 | 141.6 | 142.3 | 142.1 | 146.7 |
| 80° | 110.0 | 104.6 | 103.9 | 103.9 | 104.6 | 106.0 | 107.3 | 108.7 | 106.6 | 108.7 | 110.0 |
| 82.5° | 80.9 | 77.6 | 77.5 | 76.9 | 77.1 | 77.3 | 78.2 | 79.0 | 78.6 | 79.5 | 80.3 |
| 85° | 44.5 | 43.2 | 41.2 | 42.5 | 41.8 | 39.8 | 41.2 | 39.1 | 38.5 | 39.1 | 39.8 |
| 87.5° | 18.6 | 18.9 | 17.5 | 17.2 | 16.3 | 16.6 | 15.1 | 14.2 | 13.3 | 13.5 | 14.8 |
| 90° | 17.3 | 16.2 | 14.6 | 13.1 | 11.5 | 9.9 | 8.2 | 6.4 | 4.6 | 2.8 | 1.0 |
| 92.5° | 40.4 | 38.9 | 37.0 | 35.0 | 33.1 | 31.2 | 29.6 | 28.3 | 27.0 | 25.8 | 24.5 |
| 95° | 79.6 | 78.0 | 75.8 | 73.5 | 71.3 | 69.0 | 67.7 | 67.2 | 66.8 | 66.3 | 65.9 |
| 97.5° | 125.7 | 124.2 | 121.1 | 118.0 | 114.9 | 111.8 | 110.2 | 110.0 | 109.8 | 109.6 | 109.4 |
| 100° | 157.1 | 155.0 | 152.1 | 149.2 | 146.2 | 143.3 | 141.9 | 141.9 | 141.9 | 141.9 | 141.9 |
| 102.5° | 189.7 | 187.5 | 186.0 | 184.5 | 183.0 | 181.5 | 180.3 | 179.4 | 178.5 | 177.6 | 176.7 |
| 105° | 243.5 | 242.2 | 240.8 | 239.5 | 238.1 | 236.8 | 235.5 | 234.4 | 233.3 | 232.1 | 231.0 |
| 107.5° | 301.4 | 300.7 | 299.7 | 298.7 | 297.6 | 296.6 | 295.5 | 294.4 | 293.3 | 292.1 | 291.0 |
| 110° | 341.1 | 340.5 | 339.8 | 339.1 | 338.4 | 337.8 | 336.9 | 335.7 | 334.6 | 333.5 | 332.3 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 381.3 | 381.0 | 380.1 | 379.3 | 378.4 | 377.6 | 376.8 | 376.3 | 375.7 | 375.1 | 374.5 |
| 115° | 442.6 | 442.8 | 442.3 | 441.9 | 441.4 | 441.0 | 440.3 | 439.4 | 438.5 | 437.6 | 436.7 |
| 117.5° | 503.0 | 502.8 | 502.4 | 502.0 | 501.6 | 501.2 | 500.8 | 500.3 | 499.9 | 499.5 | 499.1 |
| 120° | 544.1 | 544.1 | 543.9 | 543.7 | 543.4 | 543.2 | 542.5 | 541.4 | 540.3 | 539.2 | 538.0 |
| 122.5° | 584.5 | 584.7 | 584.1 | 583.5 | 582.9 | 582.3 | 581.8 | 581.4 | 581.0 | 580.6 | 580.2 |
| 125° | 644.0 | 644.4 | 644.2 | 644.0 | 643.8 | 643.5 | 642.7 | 641.4 | 640.0 | 638.7 | 637.3 |
| 127.5° | 702.6 | 702.8 | 702.5 | 702.3 | 702.0 | 701.7 | 701.2 | 700.4 | 699.7 | 698.9 | 698.1 |
| 130° | 741.5 | 741.7 | 741.3 | 740.8 | 740.4 | 739.9 | 739.1 | 738.0 | 736.9 | 735.7 | 734.6 |
| 132.5° | 778.8 | 779.0 | 779.1 | 779.2 | 779.3 | 779.4 | 778.5 | 776.6 | 774.8 | 772.9 | 771.1 |
| 135° | 835.9 | 835.9 | 835.7 | 835.5 | 835.3 | 835.0 | 834.3 | 832.9 | 831.5 | 830.2 | 828.8 |
| 137.5° | 891.5 | 891.3 | 890.8 | 890.3 | 889.8 | 889.3 | 888.4 | 887.1 | 885.8 | 884.5 | 883.2 |
| 140° | 926.6 | 926.1 | 925.4 | 924.8 | 924.1 | 923.4 | 922.5 | 921.4 | 920.3 | 919.1 | 918.0 |
| 142.5° | 961.2 | 961.0 | 960.1 | 959.3 | 958.4 | 957.6 | 956.7 | 955.7 | 954.8 | 953.8 | 952.9 |
| 145° | 1011.2 | 1011.2 | 1010.6 | 1009.9 | 1009.2 | 1008.5 | 1007.7 | 1006.8 | 1005.9 | 1005.0 | 1004.1 |
| 147.5° | 1056.8 | 1056.2 | 1055.7 | 1055.1 | 1054.6 | 1054.1 | 1053.5 | 1053.0 | 1052.6 | 1052.1 | 1051.6 |
| 150° | 1086.2 | 1086.2 | 1085.3 | 1084.4 | 1083.5 | 1082.6 | 1082.3 | 1082.5 | 1082.7 | 1083.0 | 1083.2 |
| 152.5° | 1112.7 | 1112.2 | 1111.8 | 1111.4 | 1111.1 | 1110.7 | 1110.4 | 1110.1 | 1109.7 | 1109.4 | 1109.1 |
| 155° | 1151.0 | 1150.1 | 1149.8 | 1149.6 | 1149.4 | 1149.1 | 1149.0 | 1149.0 | 1149.0 | 1149.0 | 1149.0 |
| 157.5° | 1184.4 | 1183.5 | 1183.3 | 1183.0 | 1182.8 | 1182.6 | 1182.7 | 1183.2 | 1183.7 | 1184.2 | 1184.7 |
| 160° | 1204.7 | 1203.8 | 1203.5 | 1203.3 | 1203.1 | 1202.9 | 1203.1 | 1203.8 | 1204.4 | 1205.1 | 1205.8 |
| 162.5° | 1223.5 | 1222.4 | 1222.4 | 1222.3 | 1222.3 | 1222.2 | 1222.4 | 1222.9 | 1223.4 | 1223.9 | 1224.4 |
| 165° | 1249.2 | 1248.3 | 1248.1 | 1247.9 | 1247.7 | 1247.4 | 1247.5 | 1248.0 | 1248.4 | 1248.9 | 1249.4 |
| 167.5° | 1267.7 | 1266.4 | 1266.4 | 1266.4 | 1266.4 | 1266.4 | 1266.8 | 1267.7 | 1268.6 | 1269.5 | 1270.4 |
| 170° | 1279.1 | 1277.7 | 1277.7 | 1277.7 | 1277.7 | 1277.7 | 1278.2 | 1279.1 | 1280.0 | 1280.9 | 1281.8 |
| 172.5° | 1287.2 | 1285.8 | 1285.8 | 1285.8 | 1285.8 | 1285.8 | 1286.3 | 1287.2 | 1288.1 | 1289.0 | 1289.9 |
| 175° | 1296.3 | 1294.9 | 1294.9 | 1294.9 | 1294.9 | 1294.9 | 1295.4 | 1296.3 | 1297.2 | 1298.1 | 1299.0 |
| 177.5° | 1300.7 | 1299.6 | 1299.8 | 1300.0 | 1300.1 | 1300.3 | 1300.8 | 1301.5 | 1302.2 | 1302.9 | 1303.7 |
| 180° | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 |
| 2.5° | 1598.8 | 1606.4 | 1611.2 | 1620.4 | 1628.0 | 1632.3 | 1636.1 | 1639.3 | 1643.1 | 1646.3 | 1655.5 |
| 5° | 1609.1 | 1626.6 | 1641.5 | 1664.4 | 1685.4 | 1701.6 | 1719.1 | 1734.6 | 1747.4 | 1765.7 | 1779.8 |
| 7.5° | 1604.6 | 1635.8 | 1668.5 | 1704.0 | 1740.3 | 1774.0 | 1805.1 | 1834.1 | 1860.4 | 1892.3 | 1920.2 |
| 10° | 1600.3 | 1642.8 | 1684.7 | 1732.6 | 1781.9 | 1823.7 | 1862.9 | 1902.7 | 1931.7 | 1972.2 | 2006.6 |
| 12.5° | 1597.1 | 1647.1 | 1697.6 | 1755.3 | 1809.4 | 1868.5 | 1920.6 | 1949.7 | 1993.8 | 2026.2 | 2067.1 |
| 15° | 1583.4 | 1649.6 | 1719.1 | 1783.9 | 1860.8 | 1915.5 | 1961.4 | 2018.1 | 2059.3 | 2100.4 | 2145.0 |
| 17.5° | 1559.0 | 1633.9 | 1711.7 | 1796.6 | 1870.4 | 1929.1 | 1988.3 | 2042.9 | 2092.1 | 2147.3 | 2202.8 |
| 20° | 1547.7 | 1622.6 | 1711.7 | 1798.7 | 1871.0 | 1932.4 | 1993.1 | 2053.2 | 2107.2 | 2178.1 | 2242.2 |
| 22.5° | 1523.9 | 1614.5 | 1696.6 | 1781.5 | 1855.8 | 1922.7 | 1991.5 | 2059.7 | 2131.5 | 2211.5 | 2291.9 |
| 25° | 1481.5 | 1573.3 | 1660.4 | 1744.1 | 1819.0 | 1902.7 | 1976.3 | 2067.4 | 2159.2 | 2265.1 | 2365.0 |
| 27.5° | 1437.5 | 1525.4 | 1605.2 | 1686.0 | 1773.4 | 1868.1 | 1963.6 | 2067.0 | 2187.1 | 2320.9 | 2461.8 |
| 30° | 1401.9 | 1484.9 | 1562.5 | 1645.5 | 1736.6 | 1843.3 | 1947.9 | 2070.7 | 2209.8 | 2360.3 | 2527.7 |
| 32.5° | 1360.3 | 1436.8 | 1512.3 | 1600.2 | 1699.4 | 1812.0 | 1933.9 | 2068.6 | 2235.7 | 2406.7 | 2579.0 |
| 35° | 1289.2 | 1353.3 | 1430.9 | 1524.7 | 1636.8 | 1765.7 | 1906.7 | 2066.0 | 2257.7 | 2454.1 | 2599.2 |
| 37.5° | 1204.8 | 1264.5 | 1346.3 | 1449.1 | 1566.6 | 1704.9 | 1872.3 | 2061.3 | 2264.9 | 2421.5 | 2468.3 |
| 40° | 1148.1 | 1203.4 | 1288.5 | 1395.1 | 1515.3 | 1661.7 | 1845.3 | 2045.1 | 2242.2 | 2342.1 | 2303.6 |
| 42.5° | 1087.6 | 1145.7 | 1228.5 | 1334.1 | 1463.4 | 1622.9 | 1811.3 | 2011.1 | 2176.3 | 2214.1 | 2081.1 |
| 45° | 992.2 | 1052.2 | 1133.9 | 1240.6 | 1379.6 | 1552.4 | 1748.8 | 1930.4 | 2025.5 | 1957.4 | 1751.5 |
| 47.5° | 903.5 | 959.8 | 1035.5 | 1145.5 | 1289.0 | 1467.7 | 1656.9 | 1801.7 | 1809.3 | 1646.6 | 1426.7 |
| 50° | 843.0 | 895.0 | 971.3 | 1081.3 | 1223.7 | 1404.6 | 1575.3 | 1689.4 | 1638.1 | 1453.8 | 1242.6 |
| 52.5° | 783.6 | 834.5 | 909.7 | 1018.6 | 1159.4 | 1325.2 | 1484.1 | 1564.1 | 1467.5 | 1278.4 | 1097.9 |
| 55° | 697.9 | 742.4 | 816.0 | 916.6 | 1050.2 | 1204.1 | 1339.1 | 1366.8 | 1241.2 | 1054.9 | 908.5 |
| 57.5° | 614.2 | 655.8 | 722.7 | 815.3 | 937.5 | 1073.8 | 1179.4 | 1173.5 | 1040.8 | 880.9 | 764.7 |
| 60° | 557.5 | 598.0 | 657.4 | 747.8 | 859.2 | 976.7 | 1067.1 | 1045.5 | 913.9 | 776.2 | 678.3 |
| 62.5° | 506.8 | 542.9 | 599.1 | 678.2 | 779.8 | 888.6 | 962.9 | 931.0 | 802.1 | 681.7 | 604.4 |
| 65° | 432.0 | 462.3 | 510.3 | 577.8 | 662.1 | 751.9 | 809.3 | 768.1 | 658.1 | 564.3 | 502.2 |
| 67.5° | 360.6 | 384.9 | 425.1 | 478.9 | 550.9 | 623.0 | 657.9 | 616.5 | 528.5 | 460.0 | 414.0 |
| 70° | 315.2 | 336.8 | 367.8 | 415.8 | 478.5 | 539.3 | 565.6 | 528.5 | 452.9 | 394.2 | 361.1 |
| 72.5° | 269.8 | 287.7 | 314.9 | 358.0 | 408.3 | 461.0 | 484.1 | 448.6 | 386.5 | 336.9 | 306.0 |
| 75° | 208.6 | 220.7 | 239.6 | 269.3 | 309.1 | 351.0 | 363.8 | 332.8 | 292.9 | 255.8 | 235.6 |
| 77.5° | 149.3 | 159.6 | 173.9 | 192.6 | 220.8 | 247.4 | 258.6 | 240.7 | 209.9 | 186.4 | 169.8 |
| 80° | 114.7 | 120.1 | 132.3 | 147.8 | 170.1 | 187.0 | 194.4 | 182.9 | 161.3 | 143.8 | 130.9 |
| 82.5° | 81.8 | 87.2 | 94.5 | 107.3 | 121.5 | 133.0 | 140.9 | 133.2 | 117.6 | 103.8 | 96.4 |
| 85° | 39.8 | 43.2 | 47.2 | 52.6 | 63.4 | 70.2 | 69.5 | 64.8 | 58.7 | 53.3 | 49.3 |
| 87.5° | 14.6 | 15.5 | 17.5 | 20.5 | 22.5 | 25.0 | 26.4 | 25.6 | 23.8 | 22.4 | 21.0 |
| 90° | 2.8 | 4.6 | 6.4 | 8.2 | 9.9 | 11.5 | 13.1 | 14.6 | 16.2 | 17.3 | 18.5 |
| 92.5° | 25.8 | 27.0 | 28.3 | 29.6 | 31.2 | 33.1 | 35.0 | 37.0 | 38.9 | 40.4 | 41.9 |
| 95° | 66.3 | 66.8 | 67.2 | 67.7 | 69.0 | 71.3 | 73.5 | 75.8 | 78.0 | 79.6 | 81.2 |
| 97.5° | 109.6 | 109.8 | 110.0 | 110.2 | 111.8 | 114.9 | 118.0 | 121.1 | 124.2 | 125.7 | 127.2 |
| 100° | 141.9 | 141.9 | 141.9 | 141.9 | 143.3 | 146.2 | 149.2 | 152.1 | 155.0 | 157.1 | 159.1 |
| 102.5° | 177.6 | 178.5 | 179.4 | 180.3 | 181.5 | 183.0 | 184.5 | 186.0 | 187.5 | 189.7 | 191.9 |
| 105° | 232.1 | 233.3 | 234.4 | 235.5 | 236.8 | 238.1 | 239.5 | 240.8 | 242.2 | 243.5 | 244.9 |
| 107.5° | 292.1 | 293.3 | 294.4 | 295.5 | 296.6 | 297.6 | 298.7 | 299.7 | 300.7 | 301.4 | 302.1 |
| 110° | 333.5 | 334.6 | 335.7 | 336.9 | 337.8 | 338.4 | 339.1 | 339.8 | 340.5 | 341.1 | 341.8 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 375.1 | 375.7 | 376.3 | 376.8 | 377.6 | 378.4 | 379.3 | 380.1 | 381.0 | 381.3 | 381.6 |
| 115° | 437.6 | 438.5 | 439.4 | 440.3 | 441.0 | 441.4 | 441.9 | 442.3 | 442.8 | 442.6 | 442.3 |
| 117.5° | 499.5 | 499.9 | 500.3 | 500.8 | 501.2 | 501.6 | 502.0 | 502.4 | 502.8 | 503.0 | 503.1 |
| 120° | 539.2 | 540.3 | 541.4 | 542.5 | 543.2 | 543.4 | 543.7 | 543.9 | 544.1 | 544.1 | 544.1 |
| 122.5° | 580.6 | 581.0 | 581.4 | 581.8 | 582.3 | 582.9 | 583.5 | 584.1 | 584.7 | 584.5 | 584.3 |
| 125° | 638.7 | 640.0 | 641.4 | 642.7 | 643.5 | 643.8 | 644.0 | 644.2 | 644.4 | 644.0 | 643.5 |
| 127.5° | 698.9 | 699.7 | 700.4 | 701.2 | 701.7 | 702.0 | 702.3 | 702.5 | 702.8 | 702.6 | 702.3 |
| 130° | 735.7 | 736.9 | 738.0 | 739.1 | 739.9 | 740.4 | 740.8 | 741.3 | 741.7 | 741.5 | 741.3 |
| 132.5° | 772.9 | 774.8 | 776.6 | 778.5 | 779.4 | 779.3 | 779.2 | 779.1 | 779.0 | 778.8 | 778.5 |
| 135° | 830.2 | 831.5 | 832.9 | 834.3 | 835.0 | 835.3 | 835.5 | 835.7 | 835.9 | 835.9 | 835.9 |
| 137.5° | 884.5 | 885.8 | 887.1 | 888.4 | 889.3 | 889.8 | 890.3 | 890.8 | 891.3 | 891.5 | 891.8 |
| 140° | 919.1 | 920.3 | 921.4 | 922.5 | 923.4 | 924.1 | 924.8 | 925.4 | 926.1 | 926.6 | 927.0 |
| 142.5° | 953.8 | 954.8 | 955.7 | 956.7 | 957.6 | 958.4 | 959.3 | 960.1 | 961.0 | 961.2 | 961.5 |
| 145° | 1005.0 | 1005.9 | 1006.8 | 1007.7 | 1008.5 | 1009.2 | 1009.9 | 1010.6 | 1011.2 | 1011.2 | 1011.2 |
| 147.5° | 1052.1 | 1052.6 | 1053.0 | 1053.5 | 1054.1 | 1054.6 | 1055.1 | 1055.7 | 1056.2 | 1056.8 | 1057.3 |
| 150° | 1083.0 | 1082.7 | 1082.5 | 1082.3 | 1082.6 | 1083.5 | 1084.4 | 1085.3 | 1086.2 | 1086.2 | 1086.2 |
| 152.5° | 1109.4 | 1109.7 | 1110.1 | 1110.4 | 1110.7 | 1111.1 | 1111.4 | 1111.8 | 1112.2 | 1112.7 | 1113.2 |
| 155° | 1149.0 | 1149.0 | 1149.0 | 1149.0 | 1149.1 | 1149.4 | 1149.6 | 1149.8 | 1150.1 | 1151.0 | 1151.9 |
| 157.5° | 1184.2 | 1183.7 | 1183.2 | 1182.7 | 1182.6 | 1182.8 | 1183.0 | 1183.3 | 1183.5 | 1184.4 | 1185.3 |
| 160° | 1205.1 | 1204.4 | 1203.8 | 1203.1 | 1202.9 | 1203.1 | 1203.3 | 1203.5 | 1203.8 | 1204.7 | 1205.6 |
| 162.5° | 1223.9 | 1223.4 | 1222.9 | 1222.4 | 1222.2 | 1222.3 | 1222.3 | 1222.4 | 1222.4 | 1223.5 | 1224.6 |
| 165° | 1248.9 | 1248.4 | 1248.0 | 1247.5 | 1247.4 | 1247.7 | 1247.9 | 1248.1 | 1248.3 | 1249.2 | 1250.1 |
| 167.5° | 1269.5 | 1268.6 | 1267.7 | 1266.8 | 1266.4 | 1266.4 | 1266.4 | 1266.4 | 1266.4 | 1267.7 | 1269.1 |
| 170° | 1280.9 | 1280.0 | 1279.1 | 1278.2 | 1277.7 | 1277.7 | 1277.7 | 1277.7 | 1277.7 | 1279.1 | 1280.4 |
| 172.5° | 1289.0 | 1288.1 | 1287.2 | 1286.3 | 1285.8 | 1285.8 | 1285.8 | 1285.8 | 1285.8 | 1287.2 | 1288.5 |
| 175° | 1298.1 | 1297.2 | 1296.3 | 1295.4 | 1294.9 | 1294.9 | 1294.9 | 1294.9 | 1294.9 | 1296.3 | 1297.6 |
| 177.5° | 1302.9 | 1302.2 | 1301.5 | 1300.8 | 1300.3 | 1300.1 | 1300.0 | 1299.8 | 1299.6 | 1300.7 | 1301.8 |
| 180° | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 | 1590.2 |
| 2.5° | 1663.1 | 1667.4 | 1676.6 | 1673.3 | 1677.7 | 1679.8 | 1682.0 |
| 5° | 1797.4 | 1819.0 | 1828.4 | 1827.1 | 1841.3 | 1837.9 | 1834.5 |
| 7.5° | 1949.1 | 1971.8 | 1984.5 | 2000.3 | 2009.5 | 2010.1 | 2018.1 |
| 10° | 2035.0 | 2064.7 | 2076.8 | 2093.7 | 2104.5 | 2110.6 | 2109.9 |
| 12.5° | 2100.9 | 2124.1 | 2151.3 | 2159.6 | 2174.2 | 2181.8 | 2179.0 |
| 15° | 2180.1 | 2217.2 | 2245.6 | 2259.7 | 2278.0 | 2283.4 | 2290.8 |
| 17.5° | 2250.8 | 2300.6 | 2333.7 | 2377.7 | 2394.3 | 2404.4 | 2398.5 |
| 20° | 2304.3 | 2369.8 | 2402.8 | 2455.5 | 2484.5 | 2500.0 | 2494.6 |
| 22.5° | 2367.5 | 2438.3 | 2499.5 | 2545.1 | 2589.2 | 2610.2 | 2614.5 |
| 25° | 2475.7 | 2572.9 | 2662.7 | 2722.8 | 2777.4 | 2790.2 | 2818.6 |
| 27.5° | 2596.7 | 2711.3 | 2807.3 | 2870.4 | 2908.5 | 2922.8 | 2931.7 |
| 30° | 2672.8 | 2786.9 | 2859.1 | 2899.6 | 2911.7 | 2910.4 | 2909.0 |
| 32.5° | 2710.1 | 2781.5 | 2795.4 | 2784.0 | 2756.2 | 2732.7 | 2708.2 |
| 35° | 2657.3 | 2604.0 | 2524.3 | 2421.7 | 2346.1 | 2269.9 | 2262.4 |
| 37.5° | 2389.9 | 2219.4 | 2086.8 | 1938.7 | 1853.3 | 1800.5 | 1764.1 |
| 40° | 2138.2 | 1944.5 | 1783.9 | 1659.0 | 1572.0 | 1537.5 | 1503.8 |
| 42.5° | 1865.0 | 1680.0 | 1537.7 | 1433.3 | 1367.9 | 1329.7 | 1302.9 |
| 45° | 1515.3 | 1351.9 | 1240.6 | 1165.0 | 1113.0 | 1083.3 | 1066.4 |
| 47.5° | 1241.6 | 1120.8 | 1026.2 | 971.7 | 935.8 | 912.7 | 912.8 |
| 50° | 1094.8 | 979.4 | 916.6 | 873.4 | 842.3 | 824.1 | 827.5 |
| 52.5° | 964.6 | 878.4 | 824.8 | 788.6 | 765.7 | 754.5 | 754.1 |
| 55° | 806.6 | 744.5 | 709.4 | 683.1 | 667.5 | 654.7 | 657.4 |
| 57.5° | 689.9 | 637.6 | 614.1 | 592.2 | 581.4 | 576.3 | 568.8 |
| 60° | 617.6 | 577.1 | 556.8 | 539.3 | 528.5 | 524.4 | 517.0 |
| 62.5° | 553.3 | 521.5 | 501.8 | 487.4 | 477.7 | 476.4 | 470.6 |
| 65° | 465.0 | 440.7 | 423.2 | 416.4 | 406.3 | 403.6 | 403.6 |
| 67.5° | 383.4 | 366.0 | 352.3 | 346.1 | 341.7 | 342.3 | 339.1 |
| 70° | 332.1 | 317.9 | 309.1 | 302.4 | 299.0 | 299.7 | 297.0 |
| 72.5° | 290.5 | 274.7 | 267.0 | 263.0 | 258.5 | 260.3 | 259.2 |
| 75° | 220.0 | 211.9 | 207.9 | 203.8 | 201.1 | 199.8 | 198.4 |
| 77.5° | 161.6 | 154.4 | 151.3 | 149.0 | 149.4 | 146.2 | 148.8 |
| 80° | 124.9 | 118.8 | 116.8 | 113.4 | 112.7 | 112.7 | 112.0 |
| 82.5° | 91.4 | 88.0 | 86.5 | 83.7 | 82.5 | 83.6 | 81.8 |
| 85° | 47.2 | 44.5 | 43.9 | 43.9 | 42.5 | 41.2 | 44.5 |
| 87.5° | 21.2 | 19.3 | 19.4 | 19.0 | 19.2 | 18.8 | 17.8 |
| 90° | 19.6 | 20.7 | 21.6 | 22.3 | 23.0 | 23.6 | 24.3 |
| 92.5° | 43.4 | 44.9 | 45.8 | 46.3 | 46.8 | 47.3 | 47.8 |
| 95° | 82.7 | 84.3 | 85.3 | 85.8 | 86.2 | 86.7 | 87.1 |
| 97.5° | 128.7 | 130.2 | 131.0 | 131.3 | 131.6 | 131.9 | 132.1 |
| 100° | 161.1 | 163.1 | 164.4 | 164.8 | 165.3 | 165.7 | 166.2 |
| 102.5° | 194.1 | 196.3 | 197.7 | 198.3 | 199.0 | 199.6 | 200.2 |
| 105° | 246.2 | 247.6 | 248.6 | 249.3 | 249.9 | 250.6 | 251.3 |
| 107.5° | 302.8 | 303.4 | 303.8 | 303.7 | 303.7 | 303.6 | 303.6 |
| 110° | 342.5 | 343.2 | 343.4 | 343.2 | 342.9 | 342.7 | 342.5 |



TEST NUMBER: P333443

CATALOG NUMBER: S125DIW-S1090D1050U835-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 381.9 | 382.2 | 382.2 | 381.8 | 381.4 | 381.0 | 380.6 |
| 115° | 442.1 | 441.9 | 441.7 | 441.4 | 441.2 | 441.0 | 440.8 |
| 117.5° | 503.3 | 503.5 | 503.1 | 502.2 | 501.3 | 500.4 | 499.5 |
| 120° | 544.1 | 544.1 | 543.7 | 542.8 | 541.9 | 541.0 | 540.1 |
| 122.5° | 584.1 | 583.9 | 583.5 | 582.8 | 582.0 | 581.3 | 580.6 |
| 125° | 643.1 | 642.6 | 642.3 | 642.1 | 641.8 | 641.6 | 641.4 |
| 127.5° | 702.1 | 701.9 | 701.6 | 701.1 | 700.7 | 700.2 | 699.8 |
| 130° | 741.0 | 740.8 | 740.5 | 740.0 | 739.6 | 739.1 | 738.7 |
| 132.5° | 778.3 | 778.1 | 777.7 | 777.0 | 776.4 | 775.8 | 775.1 |
| 135° | 835.9 | 835.9 | 835.5 | 834.6 | 833.7 | 832.8 | 831.9 |
| 137.5° | 892.1 | 892.3 | 891.9 | 890.8 | 889.7 | 888.5 | 887.4 |
| 140° | 927.5 | 927.9 | 927.6 | 926.5 | 925.3 | 924.2 | 923.1 |
| 142.5° | 961.8 | 962.1 | 961.6 | 960.5 | 959.4 | 958.3 | 957.1 |
| 145° | 1011.2 | 1011.2 | 1010.9 | 1010.2 | 1009.5 | 1008.9 | 1008.2 |
| 147.5° | 1057.8 | 1058.4 | 1057.9 | 1056.4 | 1054.8 | 1053.3 | 1051.8 |
| 150° | 1086.2 | 1086.2 | 1086.0 | 1085.5 | 1085.1 | 1084.6 | 1084.2 |
| 152.5° | 1113.8 | 1114.3 | 1114.2 | 1113.4 | 1112.6 | 1111.7 | 1110.9 |
| 155° | 1152.8 | 1153.7 | 1153.5 | 1152.4 | 1151.3 | 1150.2 | 1149.0 |
| 157.5° | 1186.2 | 1187.1 | 1186.8 | 1185.3 | 1183.8 | 1182.3 | 1180.9 |
| 160° | 1206.5 | 1207.4 | 1207.2 | 1206.1 | 1205.0 | 1203.9 | 1202.7 |
| 162.5° | 1225.6 | 1226.7 | 1226.6 | 1225.3 | 1224.0 | 1222.7 | 1221.4 |
| 165° | 1251.0 | 1251.9 | 1251.7 | 1250.4 | 1249.0 | 1247.7 | 1246.3 |
| 167.5° | 1270.4 | 1271.8 | 1271.8 | 1270.4 | 1269.0 | 1267.6 | 1266.2 |
| 170° | 1281.8 | 1283.1 | 1283.0 | 1281.4 | 1279.9 | 1278.3 | 1276.7 |
| 172.5° | 1289.9 | 1291.2 | 1291.2 | 1289.8 | 1288.4 | 1287.0 | 1285.6 |
| 175° | 1299.0 | 1300.4 | 1300.2 | 1298.7 | 1297.1 | 1295.5 | 1293.9 |
| 177.5° | 1302.9 | 1303.9 | 1303.8 | 1302.6 | 1301.3 | 1300.1 | 1298.8 |
| 180° | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 | 1302.0 |

(END OF REPORT)