

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: P332662-940

Luminaire Tested: **SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332662-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1205 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7826.2 lumens
Efficiency: N/A
Efficacy: 119.7 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

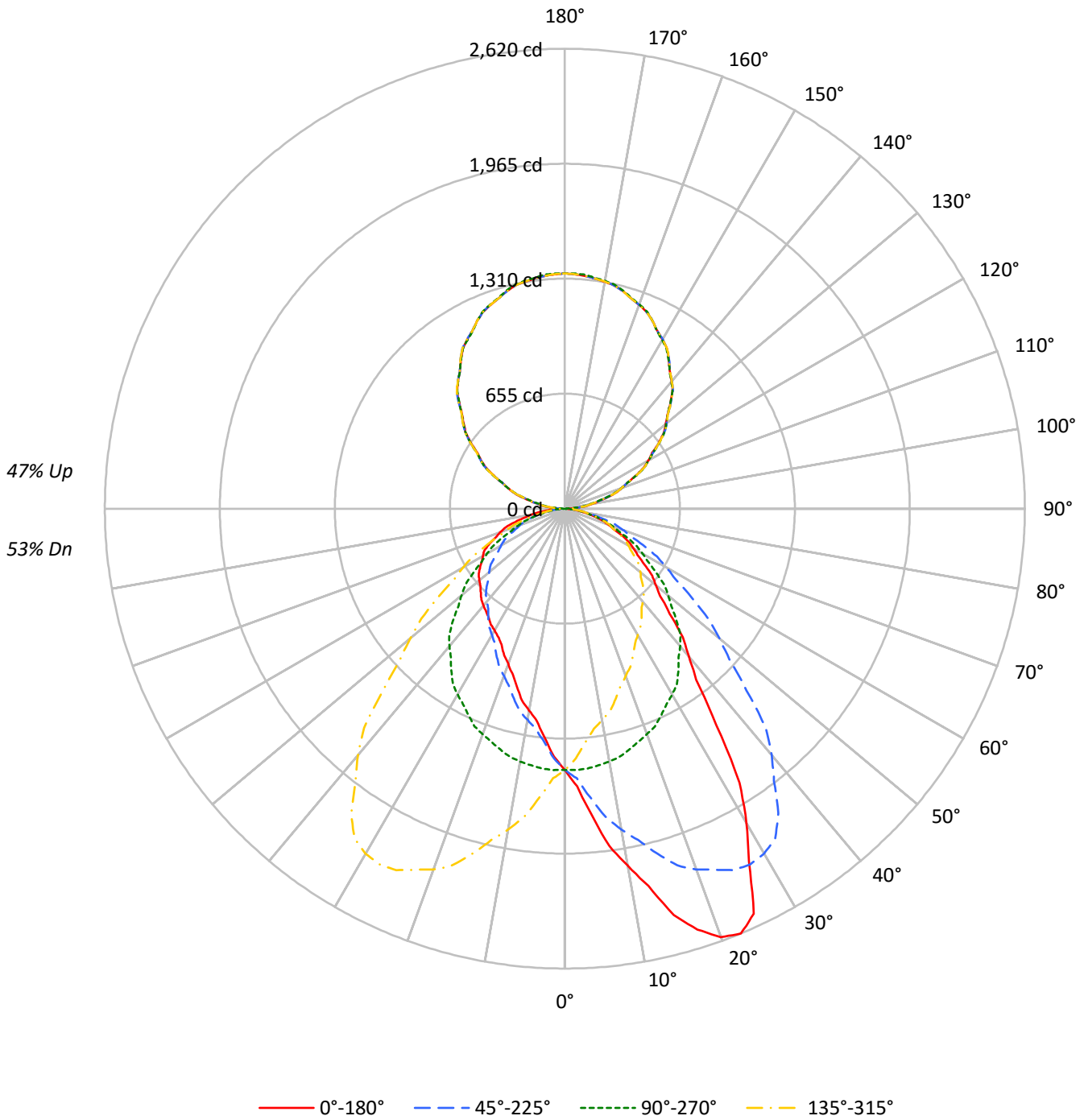
Input Watts (W): 65.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-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 | 100 | 100 | 100 | 100 | 85 | 85 | 85 | 71 | 71 | 71 | 58 | 58 | 58 | 53 |
| 1 | 99 | 94 | 90 | 87 | 91 | 87 | 84 | 81 | 75 | 72 | 70 | 63 | 61 | 60 | 52 | 51 | 50 | 45 |
| 2 | 90 | 83 | 77 | 71 | 83 | 77 | 71 | 67 | 66 | 62 | 58 | 55 | 53 | 50 | 46 | 44 | 42 | 38 |
| 3 | 82 | 73 | 66 | 60 | 76 | 68 | 61 | 56 | 58 | 53 | 49 | 49 | 46 | 43 | 41 | 38 | 36 | 32 |
| 4 | 75 | 65 | 57 | 51 | 69 | 60 | 53 | 48 | 52 | 46 | 42 | 44 | 40 | 37 | 37 | 34 | 31 | 28 |
| 5 | 69 | 58 | 50 | 44 | 64 | 54 | 47 | 41 | 46 | 41 | 37 | 40 | 35 | 32 | 33 | 30 | 28 | 24 |
| 6 | 64 | 52 | 44 | 38 | 59 | 48 | 41 | 36 | 42 | 36 | 32 | 36 | 32 | 28 | 30 | 27 | 24 | 22 |
| 7 | 59 | 47 | 39 | 33 | 55 | 44 | 37 | 32 | 38 | 32 | 28 | 33 | 28 | 25 | 28 | 24 | 22 | 19 |
| 8 | 55 | 43 | 35 | 30 | 51 | 40 | 33 | 28 | 35 | 29 | 25 | 30 | 26 | 22 | 25 | 22 | 19 | 17 |
| 9 | 51 | 39 | 31 | 26 | 47 | 37 | 30 | 25 | 32 | 26 | 23 | 28 | 23 | 20 | 23 | 20 | 18 | 16 |
| 10 | 48 | 36 | 29 | 24 | 44 | 34 | 27 | 23 | 29 | 24 | 20 | 26 | 21 | 18 | 22 | 18 | 16 | 14 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 12013 | 12013 | 12013 | 12013 |
| 5° | 14148 | 12044 | 10631 | 12044 |
| 10° | 16939 | 11992 | 9571 | 11992 |
| 15° | 20042 | 11870 | 8790 | 11870 |
| 20° | 22317 | 11747 | 8092 | 11747 |
| 25° | 22678 | 11564 | 7611 | 11564 |
| 30° | 19296 | 11389 | 7458 | 11389 |
| 35° | 14836 | 11106 | 7460 | 11106 |
| 40° | 11564 | 10771 | 7600 | 10771 |
| 45° | 9642 | 10268 | 7728 | 10268 |
| 50° | 8485 | 9654 | 7989 | 9654 |
| 55° | 7773 | 8919 | 8313 | 8919 |
| 60° | 7285 | 8262 | 8699 | 8262 |
| 65° | 6783 | 7524 | 9020 | 7524 |
| 70° | 6198 | 6793 | 9224 | 6793 |
| 75° | 5536 | 5979 | 9114 | 5979 |
| 80° | 4644 | 4900 | 8824 | 4900 |
| 85° | 3427 | 3548 | 8448 | 3548 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 145.0 | 1.9 |
| 10°-20° | 446.9 | 5.7 |
| 20°-30° | 708.6 | 9.1 |
| 30°-40° | 788.6 | 10.1 |
| 40°-50° | 717.8 | 9.2 |
| 50°-60° | 586.6 | 7.5 |
| 60°-70° | 418.8 | 5.4 |
| 70°-80° | 230.6 | 2.9 |
| 80°-90° | 67.0 | 0.9 |
| 90°-100° | 88.4 | 1.1 |
| 100°-110° | 261.7 | 3.3 |
| 110°-120° | 444.2 | 5.7 |
| 120°-130° | 585.7 | 7.5 |
| 130°-140° | 657.8 | 8.4 |
| 140°-150° | 646.4 | 8.3 |
| 150°-160° | 543.7 | 6.9 |
| 160°-170° | 361.7 | 4.6 |
| 170°-180° | 126.7 | 1.6 |
| 0°-30° | 1300.4 | 16.6 |
| 0°-40° | 2089.0 | 26.7 |
| 0°-60° | 3393.4 | 43.4 |
| 0°-90° | 4109.7 | 52.5 |
| 90°-120° | 794.3 | 10.1 |
| 90°-150° | 2684.3 | 34.3 |
| 90°-180° | 3716.0 | 47.5 |
| 0°-180° | 7826.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1488 | 1488 | 1488 | 1488 | 1488 | |
| 5° | 1746 | 1486 | 1312 | 1486 | 1746 | 178 |
| 15° | 2398 | 1420 | 1052 | 1420 | 2398 | 678 |
| 25° | 2546 | 1298 | 854 | 1298 | 2546 | 1122 |
| 35° | 1505 | 1127 | 757 | 1127 | 1505 | 956 |
| 45° | 844 | 899 | 677 | 899 | 844 | 665 |
| 55° | 552 | 634 | 591 | 634 | 552 | 499 |
| 65° | 355 | 394 | 472 | 394 | 355 | 352 |
| 75° | 178 | 192 | 292 | 192 | 178 | 189 |
| 85° | 37 | 38 | 91 | 38 | 37 | 46 |
| 90° | 31 | 3 | 31 | 3 | 31 | 17 |
| 95° | 82 | 62 | 82 | 62 | 82 | 85 |
| 105° | 253 | 241 | 253 | 241 | 253 | 266 |
| 115° | 448 | 452 | 448 | 452 | 448 | 442 |
| 125° | 653 | 658 | 653 | 658 | 653 | 582 |
| 135° | 850 | 848 | 850 | 848 | 850 | 656 |
| 145° | 1032 | 1031 | 1032 | 1031 | 1032 | 646 |
| 155° | 1180 | 1181 | 1180 | 1181 | 1180 | 543 |
| 165° | 1282 | 1286 | 1282 | 1286 | 1282 | 361 |
| 175° | 1331 | 1338 | 1331 | 1338 | 1331 | 126 |
| 180° | 1340 | 1340 | 1340 | 1340 | 1340 | |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 |
| 2.5° | 1583.8 | 1583.3 | 1578.3 | 1577.3 | 1573.9 | 1569.5 | 1568.5 | 1560.6 | 1544.8 | 1537.4 | 1535.4 |
| 5° | 1745.8 | 1758.1 | 1742.0 | 1739.0 | 1737.1 | 1716.8 | 1706.3 | 1694.0 | 1665.6 | 1649.0 | 1636.0 |
| 7.5° | 1939.1 | 1940.5 | 1933.6 | 1927.9 | 1912.2 | 1894.4 | 1867.9 | 1839.5 | 1805.7 | 1770.6 | 1744.0 |
| 10° | 2066.4 | 2071.3 | 2063.2 | 2062.0 | 2030.6 | 2010.8 | 1971.4 | 1938.1 | 1899.9 | 1857.3 | 1818.6 |
| 12.5° | 2200.5 | 2193.5 | 2189.5 | 2163.1 | 2157.3 | 2121.3 | 2075.5 | 2041.2 | 1982.3 | 1933.3 | 1881.6 |
| 15° | 2398.0 | 2384.4 | 2375.8 | 2339.4 | 2321.6 | 2271.6 | 2222.9 | 2185.3 | 2108.3 | 2034.9 | 1979.4 |
| 17.5° | 2513.8 | 2527.5 | 2507.5 | 2492.5 | 2446.3 | 2411.3 | 2361.5 | 2282.6 | 2222.3 | 2131.2 | 2061.2 |
| 20° | 2597.7 | 2598.9 | 2587.8 | 2572.4 | 2536.0 | 2491.7 | 2437.4 | 2351.1 | 2279.0 | 2188.3 | 2092.2 |
| 22.5° | 2620.4 | 2620.6 | 2615.9 | 2601.5 | 2574.0 | 2538.0 | 2483.3 | 2411.3 | 2323.9 | 2225.4 | 2129.2 |
| 25° | 2545.9 | 2543.4 | 2549.0 | 2565.0 | 2554.6 | 2543.4 | 2512.0 | 2458.4 | 2377.0 | 2272.8 | 2169.3 |
| 27.5° | 2269.2 | 2286.3 | 2317.6 | 2357.1 | 2395.0 | 2424.0 | 2432.1 | 2421.2 | 2370.7 | 2285.0 | 2176.6 |
| 30° | 2070.0 | 2091.0 | 2114.4 | 2153.8 | 2230.3 | 2274.0 | 2322.2 | 2358.5 | 2338.2 | 2269.8 | 2168.6 |
| 32.5° | 1851.1 | 1856.3 | 1891.1 | 1935.9 | 2005.9 | 2090.1 | 2166.3 | 2240.2 | 2264.7 | 2228.8 | 2144.5 |
| 35° | 1505.4 | 1513.9 | 1551.6 | 1596.0 | 1681.7 | 1784.6 | 1899.3 | 2001.6 | 2086.1 | 2120.0 | 2076.8 |
| 37.5° | 1228.4 | 1253.2 | 1279.8 | 1327.5 | 1402.9 | 1495.6 | 1614.7 | 1747.1 | 1873.0 | 1957.3 | 1971.7 |
| 40° | 1097.3 | 1112.7 | 1131.8 | 1168.1 | 1232.3 | 1323.5 | 1425.8 | 1577.5 | 1711.3 | 1832.1 | 1871.5 |
| 42.5° | 993.7 | 1002.7 | 1014.4 | 1047.3 | 1096.2 | 1186.9 | 1280.3 | 1413.7 | 1548.0 | 1692.5 | 1758.6 |
| 45° | 844.5 | 853.8 | 873.5 | 892.6 | 929.6 | 992.5 | 1079.4 | 1189.1 | 1324.1 | 1463.5 | 1585.5 |
| 47.5° | 736.7 | 742.7 | 754.4 | 774.9 | 806.3 | 847.7 | 918.5 | 1010.1 | 1135.2 | 1270.5 | 1400.5 |
| 50° | 675.6 | 680.6 | 689.8 | 708.3 | 732.4 | 769.3 | 827.2 | 912.9 | 1010.9 | 1147.2 | 1274.8 |
| 52.5° | 627.3 | 629.3 | 636.1 | 648.6 | 667.7 | 698.8 | 746.4 | 817.3 | 908.4 | 1029.8 | 1156.9 |
| 55° | 552.3 | 554.8 | 561.0 | 570.2 | 586.8 | 606.5 | 642.9 | 696.0 | 775.5 | 880.9 | 991.2 |
| 57.5° | 490.7 | 492.4 | 497.6 | 501.1 | 514.9 | 530.9 | 558.8 | 596.7 | 657.0 | 746.4 | 844.9 |
| 60° | 451.2 | 450.0 | 456.2 | 459.2 | 468.5 | 482.1 | 503.6 | 540.0 | 592.4 | 664.5 | 755.1 |
| 62.5° | 412.8 | 411.1 | 416.3 | 420.3 | 425.6 | 437.2 | 454.8 | 483.3 | 525.8 | 591.0 | 669.3 |
| 65° | 355.1 | 352.6 | 355.7 | 360.6 | 365.5 | 371.8 | 384.7 | 409.9 | 443.8 | 490.7 | 550.5 |
| 67.5° | 297.1 | 299.7 | 300.2 | 302.6 | 305.5 | 313.9 | 322.8 | 340.6 | 364.5 | 402.1 | 452.7 |
| 70° | 262.6 | 263.2 | 265.7 | 265.7 | 267.5 | 274.9 | 282.3 | 292.8 | 316.2 | 350.8 | 392.1 |
| 72.5° | 228.1 | 230.7 | 229.7 | 231.7 | 233.0 | 237.9 | 243.3 | 253.3 | 273.3 | 299.0 | 333.9 |
| 75° | 177.5 | 179.4 | 179.4 | 180.0 | 181.8 | 183.7 | 188.0 | 195.4 | 209.6 | 228.7 | 252.7 |
| 77.5° | 129.5 | 129.7 | 130.5 | 132.8 | 132.8 | 135.7 | 138.9 | 144.9 | 151.9 | 165.0 | 179.6 |
| 80° | 99.9 | 101.1 | 100.5 | 101.7 | 101.7 | 104.2 | 105.4 | 112.8 | 115.9 | 124.5 | 136.3 |
| 82.5° | 73.2 | 74.5 | 74.4 | 76.1 | 77.0 | 77.6 | 79.3 | 82.2 | 85.3 | 92.9 | 97.7 |
| 85° | 37.0 | 38.3 | 37.0 | 38.3 | 40.0 | 40.7 | 42.5 | 43.2 | 45.7 | 47.4 | 51.8 |
| 87.5° | 17.0 | 18.5 | 18.4 | 18.7 | 19.6 | 20.0 | 20.2 | 19.4 | 21.1 | 21.3 | 22.9 |
| 90° | 31.1 | 30.6 | 30.1 | 29.7 | 29.2 | 28.4 | 26.9 | 25.6 | 24.2 | 22.8 | 21.0 |
| 92.5° | 46.0 | 45.7 | 45.5 | 45.2 | 44.9 | 44.3 | 43.5 | 42.7 | 41.8 | 41.0 | 39.8 |
| 95° | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.5 | 80.8 | 80.1 | 79.5 | 78.7 | 77.1 |
| 97.5° | 128.2 | 128.2 | 128.2 | 128.2 | 128.2 | 127.9 | 127.0 | 126.2 | 125.4 | 124.5 | 122.6 |
| 100° | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 | 160.3 | 159.9 | 159.4 | 159.0 | 158.5 | 156.4 |
| 102.5° | 197.1 | 196.9 | 196.7 | 196.5 | 196.3 | 195.9 | 195.3 | 194.6 | 193.9 | 193.3 | 191.5 |
| 105° | 252.8 | 252.1 | 251.4 | 250.7 | 250.0 | 249.3 | 248.6 | 248.0 | 247.3 | 246.6 | 245.7 |
| 107.5° | 307.1 | 307.1 | 307.2 | 307.2 | 307.3 | 306.9 | 306.3 | 305.7 | 305.1 | 304.3 | 304.3 |
| 110° | 346.0 | 345.4 | 344.6 | 343.9 | 343.2 | 343.1 | 343.6 | 344.0 | 344.6 | 345.0 | 345.2 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 385.8 | 385.7 | 385.5 | 385.4 | 385.2 | 385.2 | 385.3 | 385.4 | 385.5 | 385.6 | 386.0 |
| 115° | 447.5 | 447.8 | 448.0 | 448.3 | 448.4 | 448.7 | 448.9 | 449.2 | 449.4 | 449.6 | 450.0 |
| 117.5° | 506.4 | 506.8 | 507.3 | 507.7 | 508.3 | 508.8 | 509.6 | 510.4 | 511.2 | 512.0 | 512.3 |
| 120° | 551.2 | 550.7 | 550.2 | 549.7 | 549.3 | 549.7 | 550.8 | 552.0 | 553.1 | 554.3 | 554.9 |
| 122.5° | 588.4 | 589.2 | 590.1 | 590.9 | 591.7 | 592.5 | 593.3 | 594.1 | 594.9 | 595.7 | 596.0 |
| 125° | 652.6 | 653.1 | 653.6 | 654.1 | 654.5 | 655.0 | 655.4 | 655.9 | 656.4 | 656.8 | 657.0 |
| 127.5° | 712.1 | 712.5 | 712.8 | 713.3 | 713.6 | 714.0 | 714.5 | 715.0 | 715.4 | 715.9 | 716.2 |
| 130° | 751.1 | 752.0 | 753.0 | 753.9 | 754.7 | 755.5 | 755.9 | 756.3 | 756.9 | 757.3 | 757.3 |
| 132.5° | 792.6 | 792.9 | 793.3 | 793.6 | 794.0 | 794.4 | 794.9 | 795.3 | 795.8 | 796.3 | 796.5 |
| 135° | 849.5 | 850.2 | 850.9 | 851.6 | 852.3 | 852.8 | 853.3 | 853.8 | 854.3 | 854.7 | 854.7 |
| 137.5° | 909.4 | 909.3 | 909.1 | 909.0 | 908.8 | 909.1 | 909.6 | 910.3 | 910.9 | 911.4 | 911.1 |
| 140° | 945.8 | 946.1 | 946.3 | 946.6 | 946.8 | 947.0 | 947.3 | 947.4 | 947.7 | 947.9 | 947.9 |
| 142.5° | 982.3 | 982.4 | 982.4 | 982.5 | 982.5 | 982.6 | 982.6 | 982.7 | 982.7 | 982.8 | 982.9 |
| 145° | 1031.9 | 1032.5 | 1033.2 | 1033.9 | 1034.6 | 1035.1 | 1035.3 | 1035.5 | 1035.7 | 1036.0 | 1035.7 |
| 147.5° | 1082.0 | 1082.2 | 1082.4 | 1082.7 | 1082.9 | 1083.1 | 1083.3 | 1083.5 | 1083.7 | 1083.9 | 1084.1 |
| 150° | 1112.7 | 1112.9 | 1113.1 | 1113.3 | 1113.6 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.7 |
| 152.5° | 1140.9 | 1141.4 | 1142.0 | 1142.6 | 1143.3 | 1143.3 | 1142.7 | 1142.1 | 1141.6 | 1141.0 | 1140.9 |
| 155° | 1180.0 | 1180.9 | 1181.9 | 1182.8 | 1183.7 | 1183.7 | 1182.8 | 1181.9 | 1180.9 | 1180.0 | 1180.2 |
| 157.5° | 1215.0 | 1215.8 | 1216.6 | 1217.4 | 1218.2 | 1218.2 | 1217.5 | 1216.8 | 1216.1 | 1215.4 | 1215.5 |
| 160° | 1234.9 | 1236.1 | 1237.2 | 1238.3 | 1239.5 | 1239.7 | 1239.0 | 1238.3 | 1237.7 | 1237.0 | 1237.2 |
| 162.5° | 1255.6 | 1256.8 | 1257.9 | 1259.1 | 1260.3 | 1260.2 | 1258.9 | 1257.7 | 1256.4 | 1255.2 | 1255.4 |
| 165° | 1282.5 | 1283.4 | 1284.4 | 1285.3 | 1286.2 | 1286.0 | 1284.6 | 1283.3 | 1281.8 | 1280.5 | 1280.9 |
| 167.5° | 1301.8 | 1303.2 | 1304.7 | 1306.1 | 1307.5 | 1307.5 | 1306.2 | 1304.8 | 1303.4 | 1302.0 | 1302.0 |
| 170° | 1312.6 | 1314.2 | 1315.8 | 1317.4 | 1319.0 | 1319.2 | 1317.8 | 1316.4 | 1315.0 | 1313.7 | 1313.4 |
| 172.5° | 1321.7 | 1323.3 | 1324.9 | 1326.5 | 1328.2 | 1328.2 | 1326.6 | 1325.1 | 1323.5 | 1322.0 | 1321.9 |
| 175° | 1331.2 | 1332.8 | 1334.4 | 1336.1 | 1337.7 | 1337.7 | 1336.1 | 1334.4 | 1332.8 | 1331.2 | 1331.5 |
| 177.5° | 1336.2 | 1337.7 | 1339.2 | 1340.6 | 1342.1 | 1342.2 | 1341.0 | 1339.6 | 1338.4 | 1337.0 | 1337.0 |
| 180° | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 |
| 2.5° | 1536.0 | 1529.0 | 1524.1 | 1520.2 | 1509.3 | 1502.9 | 1498.0 | 1491.0 | 1483.2 | 1474.8 | 1464.5 |
| 5° | 1623.1 | 1602.1 | 1586.7 | 1563.3 | 1541.1 | 1522.6 | 1503.5 | 1486.2 | 1465.3 | 1442.5 | 1425.8 |
| 7.5° | 1714.7 | 1683.6 | 1643.6 | 1608.9 | 1569.9 | 1536.1 | 1505.7 | 1474.6 | 1442.3 | 1411.0 | 1382.3 |
| 10° | 1772.9 | 1732.9 | 1688.5 | 1636.0 | 1586.7 | 1542.9 | 1502.3 | 1462.9 | 1424.6 | 1386.3 | 1353.7 |
| 12.5° | 1835.5 | 1785.6 | 1720.0 | 1658.8 | 1603.5 | 1545.0 | 1495.8 | 1447.5 | 1401.4 | 1361.2 | 1323.1 |
| 15° | 1919.6 | 1847.4 | 1771.7 | 1689.7 | 1616.9 | 1548.5 | 1481.3 | 1420.3 | 1368.5 | 1315.5 | 1278.5 |
| 17.5° | 1971.3 | 1882.0 | 1795.4 | 1709.7 | 1621.6 | 1535.3 | 1462.9 | 1392.4 | 1327.6 | 1275.0 | 1228.3 |
| 20° | 2005.3 | 1916.6 | 1808.7 | 1723.0 | 1618.2 | 1529.4 | 1445.6 | 1367.3 | 1299.5 | 1243.4 | 1195.2 |
| 22.5° | 2034.9 | 1932.3 | 1824.4 | 1711.6 | 1607.3 | 1513.1 | 1421.4 | 1342.6 | 1273.4 | 1214.2 | 1168.1 |
| 25° | 2050.9 | 1933.1 | 1816.1 | 1703.9 | 1585.5 | 1473.9 | 1390.7 | 1298.2 | 1224.2 | 1162.0 | 1112.7 |
| 27.5° | 2052.6 | 1926.7 | 1794.2 | 1669.6 | 1547.4 | 1443.5 | 1338.5 | 1255.8 | 1179.0 | 1113.2 | 1065.9 |
| 30° | 2047.2 | 1915.9 | 1773.5 | 1638.5 | 1515.8 | 1403.0 | 1311.8 | 1221.8 | 1143.5 | 1078.2 | 1028.9 |
| 32.5° | 2030.0 | 1893.2 | 1746.9 | 1604.0 | 1476.9 | 1366.5 | 1272.4 | 1186.8 | 1110.4 | 1046.1 | 994.3 |
| 35° | 1980.0 | 1845.0 | 1689.1 | 1540.5 | 1410.4 | 1298.9 | 1213.8 | 1126.9 | 1050.4 | 989.4 | 939.5 |
| 37.5° | 1902.0 | 1779.9 | 1621.4 | 1467.7 | 1339.9 | 1227.8 | 1143.5 | 1065.0 | 996.0 | 934.1 | 882.9 |
| 40° | 1833.9 | 1726.6 | 1567.6 | 1417.8 | 1279.8 | 1173.1 | 1094.2 | 1022.1 | 953.7 | 895.1 | 846.4 |
| 42.5° | 1755.5 | 1662.1 | 1515.4 | 1356.6 | 1223.5 | 1116.4 | 1039.5 | 974.7 | 910.3 | 856.1 | 807.4 |
| 45° | 1615.7 | 1554.1 | 1415.9 | 1269.3 | 1130.6 | 1029.5 | 956.1 | 899.4 | 845.2 | 792.1 | 751.4 |
| 47.5° | 1454.9 | 1424.3 | 1308.1 | 1168.8 | 1037.1 | 937.5 | 873.9 | 821.4 | 773.9 | 729.0 | 693.1 |
| 50° | 1346.9 | 1332.1 | 1231.6 | 1097.3 | 971.5 | 877.8 | 813.7 | 768.7 | 728.0 | 688.6 | 654.7 |
| 52.5° | 1240.4 | 1239.9 | 1149.3 | 1026.3 | 909.9 | 819.7 | 756.0 | 714.0 | 678.7 | 646.7 | 616.2 |
| 55° | 1077.5 | 1094.8 | 1024.0 | 914.2 | 810.0 | 728.6 | 671.3 | 633.7 | 609.0 | 582.6 | 559.7 |
| 57.5° | 928.0 | 956.6 | 898.1 | 801.5 | 714.6 | 639.6 | 589.7 | 561.4 | 535.2 | 519.2 | 502.6 |
| 60° | 830.4 | 857.5 | 811.9 | 730.5 | 648.5 | 584.4 | 536.9 | 511.7 | 488.8 | 477.8 | 466.0 |
| 62.5° | 743.6 | 767.8 | 734.0 | 658.5 | 587.4 | 525.7 | 485.6 | 461.4 | 445.9 | 433.8 | 426.1 |
| 65° | 619.6 | 639.9 | 610.9 | 556.1 | 495.0 | 445.7 | 413.0 | 393.9 | 379.2 | 374.2 | 365.5 |
| 67.5° | 500.8 | 519.3 | 503.6 | 457.0 | 408.0 | 370.8 | 345.2 | 326.8 | 318.1 | 313.8 | 307.6 |
| 70° | 430.3 | 448.8 | 432.1 | 391.5 | 353.8 | 322.4 | 298.4 | 287.8 | 278.7 | 276.8 | 268.1 |
| 72.5° | 370.6 | 383.2 | 366.6 | 334.7 | 302.6 | 276.1 | 257.4 | 246.5 | 241.7 | 238.4 | 233.6 |
| 75° | 278.0 | 289.1 | 278.0 | 253.3 | 230.5 | 212.0 | 196.0 | 191.7 | 186.2 | 184.3 | 181.2 |
| 77.5° | 196.8 | 206.3 | 197.9 | 182.4 | 165.4 | 151.1 | 142.5 | 137.0 | 135.7 | 132.5 | 134.0 |
| 80° | 150.4 | 156.6 | 148.6 | 138.1 | 124.5 | 114.7 | 108.5 | 105.4 | 101.7 | 100.5 | 102.9 |
| 82.5° | 108.0 | 110.8 | 106.6 | 99.6 | 89.5 | 83.1 | 78.9 | 75.3 | 74.5 | 74.8 | 74.8 |
| 85° | 56.1 | 55.5 | 54.8 | 48.7 | 45.7 | 41.3 | 38.9 | 38.3 | 37.6 | 38.9 | 40.0 |
| 87.5° | 22.6 | 22.6 | 21.8 | 19.4 | 17.4 | 15.4 | 14.4 | 13.5 | 14.4 | 15.4 | 16.4 |
| 90° | 19.1 | 17.3 | 15.4 | 13.2 | 10.7 | 8.2 | 5.6 | 3.1 | 5.6 | 8.2 | 10.7 |
| 92.5° | 38.4 | 37.2 | 35.8 | 33.8 | 30.9 | 28.0 | 25.1 | 22.2 | 25.1 | 28.0 | 30.9 |
| 95° | 75.5 | 73.9 | 72.3 | 70.4 | 68.4 | 66.3 | 64.2 | 62.2 | 64.2 | 66.3 | 68.4 |
| 97.5° | 120.7 | 118.9 | 117.0 | 115.2 | 113.5 | 111.9 | 110.2 | 108.6 | 110.2 | 111.9 | 113.5 |
| 100° | 154.4 | 152.3 | 150.3 | 148.7 | 147.8 | 146.9 | 146.0 | 145.1 | 146.0 | 146.9 | 147.8 |
| 102.5° | 189.6 | 187.6 | 185.7 | 184.7 | 184.2 | 183.9 | 183.5 | 183.2 | 183.5 | 183.9 | 184.2 |
| 105° | 244.7 | 243.8 | 242.9 | 242.3 | 242.1 | 241.8 | 241.7 | 241.4 | 241.7 | 241.8 | 242.1 |
| 107.5° | 304.1 | 304.0 | 303.8 | 303.6 | 303.4 | 303.1 | 302.8 | 302.5 | 302.8 | 303.1 | 303.4 |
| 110° | 345.4 | 345.7 | 345.9 | 345.8 | 345.4 | 344.8 | 344.4 | 343.9 | 344.4 | 344.8 | 345.4 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 386.5 | 386.8 | 387.3 | 387.4 | 387.4 | 387.3 | 387.2 | 387.0 | 387.2 | 387.3 | 387.4 |
| 115° | 450.6 | 451.0 | 451.5 | 451.7 | 451.7 | 451.7 | 451.7 | 451.7 | 451.7 | 451.7 | 451.7 |
| 117.5° | 512.6 | 512.9 | 513.3 | 513.4 | 513.2 | 513.0 | 512.8 | 512.6 | 512.8 | 513.0 | 513.2 |
| 120° | 555.6 | 556.3 | 557.1 | 556.9 | 556.0 | 555.1 | 554.1 | 553.2 | 554.1 | 555.1 | 556.0 |
| 122.5° | 596.4 | 596.6 | 597.0 | 597.0 | 596.6 | 596.2 | 595.8 | 595.5 | 595.8 | 596.2 | 596.6 |
| 125° | 657.3 | 657.5 | 657.7 | 657.8 | 657.8 | 657.8 | 657.8 | 657.8 | 657.8 | 657.8 | 657.8 |
| 127.5° | 716.6 | 716.9 | 717.4 | 717.2 | 716.5 | 715.8 | 715.2 | 714.4 | 715.2 | 715.8 | 716.5 |
| 130° | 757.3 | 757.3 | 757.3 | 757.0 | 756.3 | 755.5 | 754.9 | 754.2 | 754.9 | 755.5 | 756.3 |
| 132.5° | 796.7 | 796.8 | 797.0 | 796.8 | 796.3 | 795.9 | 795.3 | 794.8 | 795.3 | 795.9 | 796.3 |
| 135° | 854.7 | 854.7 | 854.7 | 854.0 | 852.7 | 851.2 | 849.9 | 848.5 | 849.9 | 851.2 | 852.7 |
| 137.5° | 910.7 | 910.3 | 910.0 | 909.5 | 908.8 | 908.2 | 907.6 | 906.9 | 907.6 | 908.2 | 908.8 |
| 140° | 947.9 | 947.9 | 947.9 | 947.7 | 947.3 | 946.8 | 946.3 | 945.8 | 946.3 | 946.8 | 947.3 |
| 142.5° | 983.1 | 983.3 | 983.5 | 983.4 | 982.8 | 982.4 | 982.0 | 981.5 | 982.0 | 982.4 | 982.8 |
| 145° | 1035.5 | 1035.3 | 1035.1 | 1034.5 | 1033.6 | 1032.7 | 1031.7 | 1030.8 | 1031.7 | 1032.7 | 1033.6 |
| 147.5° | 1084.2 | 1084.4 | 1084.6 | 1084.1 | 1083.0 | 1081.9 | 1080.8 | 1079.7 | 1080.8 | 1081.9 | 1083.0 |
| 150° | 1113.7 | 1113.7 | 1113.7 | 1113.2 | 1112.3 | 1111.4 | 1110.4 | 1109.6 | 1110.4 | 1111.4 | 1112.3 |
| 152.5° | 1140.7 | 1140.5 | 1140.3 | 1140.0 | 1139.3 | 1138.8 | 1138.3 | 1137.7 | 1138.3 | 1138.8 | 1139.3 |
| 155° | 1180.4 | 1180.7 | 1180.9 | 1181.0 | 1181.0 | 1181.0 | 1181.0 | 1181.0 | 1181.0 | 1181.0 | 1181.0 |
| 157.5° | 1215.5 | 1215.6 | 1215.6 | 1215.8 | 1216.3 | 1216.7 | 1217.1 | 1217.5 | 1217.1 | 1216.7 | 1216.3 |
| 160° | 1237.4 | 1237.7 | 1237.9 | 1238.1 | 1238.3 | 1238.6 | 1238.9 | 1239.0 | 1238.9 | 1238.6 | 1238.3 |
| 162.5° | 1255.7 | 1255.9 | 1256.2 | 1256.5 | 1257.1 | 1257.8 | 1258.3 | 1258.9 | 1258.3 | 1257.8 | 1257.1 |
| 165° | 1281.4 | 1281.8 | 1282.3 | 1282.9 | 1283.6 | 1284.2 | 1285.0 | 1285.7 | 1285.0 | 1284.2 | 1283.6 |
| 167.5° | 1301.9 | 1301.9 | 1301.8 | 1302.3 | 1303.2 | 1304.2 | 1305.2 | 1306.2 | 1305.2 | 1304.2 | 1303.2 |
| 170° | 1313.1 | 1313.0 | 1312.7 | 1313.1 | 1314.3 | 1315.5 | 1316.6 | 1317.8 | 1316.6 | 1315.5 | 1314.3 |
| 172.5° | 1321.9 | 1321.8 | 1321.7 | 1322.2 | 1323.1 | 1324.1 | 1325.1 | 1326.1 | 1325.1 | 1324.1 | 1323.1 |
| 175° | 1331.7 | 1331.9 | 1332.1 | 1332.8 | 1334.0 | 1335.2 | 1336.3 | 1337.5 | 1336.3 | 1335.2 | 1334.0 |
| 177.5° | 1337.0 | 1337.0 | 1337.0 | 1337.5 | 1338.5 | 1339.3 | 1340.2 | 1341.2 | 1340.2 | 1339.3 | 1338.5 |
| 180° | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 |
| 2.5° | 1459.5 | 1455.1 | 1448.7 | 1439.8 | 1432.4 | 1424.5 | 1422.5 | 1419.5 | 1425.5 | 1420.5 | 1419.1 |
| 5° | 1411.7 | 1398.7 | 1382.1 | 1363.0 | 1351.8 | 1335.9 | 1332.8 | 1326.6 | 1320.4 | 1319.8 | 1313.7 |
| 7.5° | 1361.0 | 1342.0 | 1320.2 | 1300.7 | 1282.7 | 1265.2 | 1253.7 | 1251.2 | 1242.2 | 1236.8 | 1230.7 |
| 10° | 1328.5 | 1305.0 | 1279.8 | 1261.2 | 1240.3 | 1221.8 | 1208.9 | 1201.5 | 1195.2 | 1188.5 | 1182.3 |
| 12.5° | 1289.9 | 1265.1 | 1244.2 | 1224.2 | 1199.4 | 1185.3 | 1164.0 | 1151.1 | 1150.0 | 1150.0 | 1134.0 |
| 15° | 1245.2 | 1220.6 | 1188.5 | 1160.1 | 1146.6 | 1119.5 | 1107.8 | 1093.0 | 1083.7 | 1074.4 | 1067.1 |
| 17.5° | 1194.1 | 1163.3 | 1138.4 | 1105.8 | 1079.9 | 1058.3 | 1042.9 | 1034.0 | 1020.1 | 1007.0 | 997.6 |
| 20° | 1162.0 | 1129.4 | 1102.8 | 1068.3 | 1039.9 | 1013.4 | 1000.5 | 988.2 | 977.7 | 966.6 | 956.1 |
| 22.5° | 1129.4 | 1095.3 | 1062.8 | 1029.3 | 1003.0 | 975.0 | 962.5 | 945.7 | 935.8 | 929.6 | 919.1 |
| 25° | 1078.2 | 1041.2 | 1004.2 | 972.1 | 945.0 | 920.3 | 903.7 | 890.7 | 879.7 | 874.8 | 868.0 |
| 27.5° | 1022.4 | 985.7 | 949.9 | 913.6 | 882.8 | 864.9 | 851.6 | 841.8 | 835.4 | 828.8 | 825.8 |
| 30° | 986.9 | 948.7 | 910.5 | 876.6 | 848.2 | 830.4 | 818.1 | 811.3 | 806.3 | 803.3 | 800.1 |
| 32.5° | 950.9 | 913.2 | 873.0 | 842.0 | 816.6 | 800.8 | 791.4 | 784.6 | 782.1 | 781.0 | 779.9 |
| 35° | 893.2 | 855.0 | 818.1 | 790.3 | 766.2 | 760.1 | 752.1 | 748.3 | 747.2 | 751.4 | 753.3 |
| 37.5° | 837.4 | 801.9 | 767.9 | 740.9 | 725.2 | 716.2 | 713.5 | 713.6 | 718.0 | 721.8 | 726.3 |
| 40° | 801.4 | 766.9 | 734.8 | 711.4 | 696.6 | 691.1 | 689.8 | 692.9 | 697.9 | 702.1 | 707.0 |
| 42.5° | 766.3 | 732.4 | 703.2 | 681.3 | 670.9 | 665.8 | 666.6 | 669.7 | 676.6 | 681.9 | 689.3 |
| 45° | 712.0 | 683.7 | 655.3 | 637.4 | 628.7 | 630.0 | 630.0 | 635.5 | 642.3 | 650.3 | 658.4 |
| 47.5° | 660.8 | 632.2 | 608.9 | 593.9 | 589.4 | 588.4 | 591.8 | 599.1 | 608.8 | 618.7 | 629.9 |
| 50° | 626.3 | 599.1 | 578.8 | 565.3 | 560.4 | 562.2 | 567.1 | 573.9 | 585.6 | 598.0 | 609.7 |
| 52.5° | 591.3 | 566.6 | 547.8 | 535.2 | 531.7 | 535.1 | 540.0 | 550.7 | 561.0 | 574.3 | 588.4 |
| 55° | 536.9 | 515.9 | 501.1 | 492.0 | 490.7 | 492.6 | 498.1 | 509.8 | 524.6 | 541.3 | 554.8 |
| 57.5° | 482.8 | 465.3 | 451.7 | 445.3 | 445.9 | 447.6 | 456.8 | 470.7 | 486.5 | 504.3 | 521.7 |
| 60° | 446.3 | 430.3 | 419.2 | 414.3 | 414.8 | 418.6 | 429.6 | 442.6 | 462.4 | 479.6 | 498.1 |
| 62.5° | 411.8 | 397.7 | 387.1 | 382.7 | 381.8 | 389.9 | 400.6 | 414.0 | 433.7 | 453.0 | 473.0 |
| 65° | 356.3 | 345.2 | 336.6 | 334.1 | 336.0 | 342.1 | 355.7 | 373.5 | 390.2 | 410.5 | 431.5 |
| 67.5° | 302.0 | 292.9 | 287.0 | 288.1 | 290.3 | 299.4 | 310.9 | 326.2 | 345.1 | 366.1 | 386.9 |
| 70° | 267.5 | 258.9 | 254.0 | 254.6 | 258.3 | 269.4 | 279.3 | 294.6 | 315.0 | 336.6 | 353.8 |
| 72.5° | 232.0 | 226.3 | 221.9 | 224.5 | 228.2 | 235.9 | 248.2 | 263.6 | 281.5 | 301.6 | 319.8 |
| 75° | 178.2 | 178.2 | 175.7 | 177.5 | 183.1 | 190.5 | 199.7 | 215.8 | 233.6 | 249.7 | 264.5 |
| 77.5° | 132.2 | 130.8 | 132.4 | 134.6 | 137.9 | 146.6 | 157.2 | 168.6 | 182.1 | 198.1 | 210.4 |
| 80° | 101.1 | 101.7 | 104.8 | 108.5 | 109.8 | 116.5 | 127.6 | 138.1 | 148.6 | 162.1 | 173.8 |
| 82.5° | 76.0 | 76.6 | 78.2 | 82.8 | 84.1 | 91.4 | 98.5 | 109.0 | 118.5 | 127.6 | 137.3 |
| 85° | 41.3 | 41.3 | 44.4 | 46.2 | 49.3 | 54.2 | 58.6 | 64.7 | 73.4 | 79.5 | 88.7 |
| 87.5° | 18.5 | 18.9 | 21.2 | 22.6 | 24.4 | 27.3 | 28.5 | 34.2 | 36.5 | 39.2 | 43.8 |
| 90° | 13.2 | 15.4 | 17.3 | 19.1 | 21.0 | 22.8 | 24.2 | 25.6 | 26.9 | 28.4 | 29.2 |
| 92.5° | 33.8 | 35.8 | 37.2 | 38.4 | 39.8 | 41.0 | 41.8 | 42.7 | 43.5 | 44.3 | 44.9 |
| 95° | 70.4 | 72.3 | 73.9 | 75.5 | 77.1 | 78.7 | 79.5 | 80.1 | 80.8 | 81.5 | 81.9 |
| 97.5° | 115.2 | 117.0 | 118.9 | 120.7 | 122.6 | 124.5 | 125.4 | 126.2 | 127.0 | 127.9 | 128.2 |
| 100° | 148.7 | 150.3 | 152.3 | 154.4 | 156.4 | 158.5 | 159.0 | 159.4 | 159.9 | 160.3 | 160.6 |
| 102.5° | 184.7 | 185.7 | 187.6 | 189.6 | 191.5 | 193.3 | 193.9 | 194.6 | 195.3 | 195.9 | 196.3 |
| 105° | 242.3 | 242.9 | 243.8 | 244.7 | 245.7 | 246.6 | 247.3 | 248.0 | 248.6 | 249.3 | 250.0 |
| 107.5° | 303.6 | 303.8 | 304.0 | 304.1 | 304.3 | 304.3 | 305.1 | 305.7 | 306.3 | 306.9 | 307.3 |
| 110° | 345.8 | 345.9 | 345.7 | 345.4 | 345.2 | 345.0 | 344.6 | 344.0 | 343.6 | 343.1 | 343.2 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 387.4 | 387.3 | 386.8 | 386.5 | 386.0 | 385.6 | 385.5 | 385.4 | 385.3 | 385.2 | 385.2 |
| 115° | 451.7 | 451.5 | 451.0 | 450.6 | 450.0 | 449.6 | 449.4 | 449.2 | 448.9 | 448.7 | 448.4 |
| 117.5° | 513.4 | 513.3 | 512.9 | 512.6 | 512.3 | 512.0 | 511.2 | 510.4 | 509.6 | 508.8 | 508.3 |
| 120° | 556.9 | 557.1 | 556.3 | 555.6 | 554.9 | 554.3 | 553.1 | 552.0 | 550.8 | 549.7 | 549.3 |
| 122.5° | 597.0 | 597.0 | 596.6 | 596.4 | 596.0 | 595.7 | 594.9 | 594.1 | 593.3 | 592.5 | 591.7 |
| 125° | 657.8 | 657.7 | 657.5 | 657.3 | 657.0 | 656.8 | 656.4 | 655.9 | 655.4 | 655.0 | 654.5 |
| 127.5° | 717.2 | 717.4 | 716.9 | 716.6 | 716.2 | 715.9 | 715.4 | 715.0 | 714.5 | 714.0 | 713.6 |
| 130° | 757.0 | 757.3 | 757.3 | 757.3 | 757.3 | 757.3 | 756.9 | 756.3 | 755.9 | 755.5 | 754.7 |
| 132.5° | 796.8 | 797.0 | 796.8 | 796.7 | 796.5 | 796.3 | 795.8 | 795.3 | 794.9 | 794.4 | 794.0 |
| 135° | 854.0 | 854.7 | 854.7 | 854.7 | 854.7 | 854.7 | 854.3 | 853.8 | 853.3 | 852.8 | 852.3 |
| 137.5° | 909.5 | 910.0 | 910.3 | 910.7 | 911.1 | 911.4 | 910.9 | 910.3 | 909.6 | 909.1 | 908.8 |
| 140° | 947.7 | 947.9 | 947.9 | 947.9 | 947.9 | 947.9 | 947.7 | 947.4 | 947.3 | 947.0 | 946.8 |
| 142.5° | 983.4 | 983.5 | 983.3 | 983.1 | 982.9 | 982.8 | 982.7 | 982.7 | 982.6 | 982.6 | 982.5 |
| 145° | 1034.5 | 1035.1 | 1035.3 | 1035.5 | 1035.7 | 1036.0 | 1035.7 | 1035.5 | 1035.3 | 1035.1 | 1034.6 |
| 147.5° | 1084.1 | 1084.6 | 1084.4 | 1084.2 | 1084.1 | 1083.9 | 1083.7 | 1083.5 | 1083.3 | 1083.1 | 1082.9 |
| 150° | 1113.2 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.6 |
| 152.5° | 1140.0 | 1140.3 | 1140.5 | 1140.7 | 1140.9 | 1141.0 | 1141.6 | 1142.1 | 1142.7 | 1143.3 | 1143.3 |
| 155° | 1181.0 | 1180.9 | 1180.7 | 1180.4 | 1180.2 | 1180.0 | 1180.9 | 1181.9 | 1182.8 | 1183.7 | 1183.7 |
| 157.5° | 1215.8 | 1215.6 | 1215.6 | 1215.5 | 1215.5 | 1215.4 | 1216.1 | 1216.8 | 1217.5 | 1218.2 | 1218.2 |
| 160° | 1238.1 | 1237.9 | 1237.7 | 1237.4 | 1237.2 | 1237.0 | 1237.7 | 1238.3 | 1239.0 | 1239.7 | 1239.5 |
| 162.5° | 1256.5 | 1256.2 | 1255.9 | 1255.7 | 1255.4 | 1255.2 | 1256.4 | 1257.7 | 1258.9 | 1260.2 | 1260.3 |
| 165° | 1282.9 | 1282.3 | 1281.8 | 1281.4 | 1280.9 | 1280.5 | 1281.8 | 1283.3 | 1284.6 | 1286.0 | 1286.2 |
| 167.5° | 1302.3 | 1301.8 | 1301.9 | 1301.9 | 1302.0 | 1302.0 | 1303.4 | 1304.8 | 1306.2 | 1307.5 | 1307.5 |
| 170° | 1313.1 | 1312.7 | 1313.0 | 1313.1 | 1313.4 | 1313.7 | 1315.0 | 1316.4 | 1317.8 | 1319.2 | 1319.0 |
| 172.5° | 1322.2 | 1321.7 | 1321.8 | 1321.9 | 1321.9 | 1322.0 | 1323.5 | 1325.1 | 1326.6 | 1328.2 | 1328.2 |
| 175° | 1332.8 | 1332.1 | 1331.9 | 1331.7 | 1331.5 | 1331.2 | 1332.8 | 1334.4 | 1336.1 | 1337.7 | 1337.7 |
| 177.5° | 1337.5 | 1337.0 | 1337.0 | 1337.0 | 1337.0 | 1337.0 | 1338.4 | 1339.6 | 1341.0 | 1342.2 | 1342.1 |
| 180° | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 |
| 2.5° | 1418.1 | 1417.1 | 1413.6 | 1413.2 | 1413.6 | 1417.1 | 1418.1 | 1419.1 | 1420.5 | 1425.5 | 1419.5 |
| 5° | 1309.9 | 1306.9 | 1305.0 | 1311.8 | 1305.0 | 1306.9 | 1309.9 | 1313.7 | 1319.8 | 1320.4 | 1326.6 |
| 7.5° | 1228.4 | 1226.0 | 1220.6 | 1218.9 | 1220.6 | 1226.0 | 1228.4 | 1230.7 | 1236.8 | 1242.2 | 1251.2 |
| 10° | 1176.2 | 1173.7 | 1168.8 | 1167.5 | 1168.8 | 1173.7 | 1176.2 | 1182.3 | 1188.5 | 1195.2 | 1201.5 |
| 12.5° | 1125.9 | 1121.0 | 1120.0 | 1121.1 | 1120.0 | 1121.0 | 1125.9 | 1134.0 | 1150.0 | 1150.0 | 1151.1 |
| 15° | 1059.1 | 1056.6 | 1049.8 | 1051.7 | 1049.8 | 1056.6 | 1059.1 | 1067.1 | 1074.4 | 1083.7 | 1093.0 |
| 17.5° | 993.2 | 990.2 | 982.0 | 989.3 | 982.0 | 990.2 | 993.2 | 997.6 | 1007.0 | 1020.1 | 1034.0 |
| 20° | 951.8 | 946.8 | 942.5 | 941.9 | 942.5 | 946.8 | 951.8 | 956.1 | 966.6 | 977.7 | 988.2 |
| 22.5° | 912.3 | 907.9 | 907.5 | 903.5 | 907.5 | 907.9 | 912.3 | 919.1 | 929.6 | 935.8 | 945.7 |
| 25° | 863.0 | 858.7 | 857.5 | 854.4 | 857.5 | 858.7 | 863.0 | 868.0 | 874.8 | 879.7 | 890.7 |
| 27.5° | 825.2 | 823.0 | 820.8 | 821.8 | 820.8 | 823.0 | 825.2 | 825.8 | 828.8 | 835.4 | 841.8 |
| 30° | 802.0 | 801.4 | 800.1 | 800.1 | 800.1 | 801.4 | 802.0 | 800.1 | 803.3 | 806.3 | 811.3 |
| 32.5° | 782.7 | 782.7 | 783.4 | 783.4 | 783.4 | 782.7 | 782.7 | 779.9 | 781.0 | 782.1 | 784.6 |
| 35° | 755.7 | 757.6 | 758.8 | 757.0 | 758.8 | 757.6 | 755.7 | 753.3 | 751.4 | 747.2 | 748.3 |
| 37.5° | 731.4 | 733.2 | 734.9 | 737.0 | 734.9 | 733.2 | 731.4 | 726.3 | 721.8 | 718.0 | 713.6 |
| 40° | 712.6 | 716.9 | 718.2 | 721.2 | 718.2 | 716.9 | 712.6 | 707.0 | 702.1 | 697.9 | 692.9 |
| 42.5° | 694.8 | 699.6 | 702.8 | 703.5 | 702.8 | 699.6 | 694.8 | 689.3 | 681.9 | 676.6 | 669.7 |
| 45° | 667.6 | 672.5 | 676.9 | 676.9 | 676.9 | 672.5 | 667.6 | 658.4 | 650.3 | 642.3 | 635.5 |
| 47.5° | 639.4 | 646.5 | 650.9 | 651.9 | 650.9 | 646.5 | 639.4 | 629.9 | 618.7 | 608.8 | 599.1 |
| 50° | 620.2 | 628.7 | 633.1 | 636.1 | 633.1 | 628.7 | 620.2 | 609.7 | 598.0 | 585.6 | 573.9 |
| 52.5° | 601.4 | 610.0 | 615.8 | 617.4 | 615.8 | 610.0 | 601.4 | 588.4 | 574.3 | 561.0 | 550.7 |
| 55° | 569.0 | 581.3 | 588.1 | 590.6 | 588.1 | 581.3 | 569.0 | 554.8 | 541.3 | 524.6 | 509.8 |
| 57.5° | 538.4 | 549.7 | 557.7 | 559.5 | 557.7 | 549.7 | 538.4 | 521.7 | 504.3 | 486.5 | 470.7 |
| 60° | 514.7 | 527.1 | 536.9 | 538.8 | 536.9 | 527.1 | 514.7 | 498.1 | 479.6 | 462.4 | 442.6 |
| 62.5° | 490.5 | 503.4 | 512.3 | 517.1 | 512.3 | 503.4 | 490.5 | 473.0 | 453.0 | 433.7 | 414.0 |
| 65° | 448.8 | 461.7 | 470.4 | 472.2 | 470.4 | 461.7 | 448.8 | 431.5 | 410.5 | 390.2 | 373.5 |
| 67.5° | 403.1 | 416.1 | 421.8 | 425.3 | 421.8 | 416.1 | 403.1 | 386.9 | 366.1 | 345.1 | 326.2 |
| 70° | 371.1 | 381.6 | 387.7 | 390.8 | 387.7 | 381.6 | 371.1 | 353.8 | 336.6 | 315.0 | 294.6 |
| 72.5° | 334.6 | 345.5 | 352.8 | 353.4 | 352.8 | 345.5 | 334.6 | 319.8 | 301.6 | 281.5 | 263.6 |
| 75° | 278.7 | 288.5 | 292.2 | 292.2 | 292.2 | 288.5 | 278.7 | 264.5 | 249.7 | 233.6 | 215.8 |
| 77.5° | 220.5 | 225.6 | 230.3 | 231.3 | 230.3 | 225.6 | 220.5 | 210.4 | 198.1 | 182.1 | 168.6 |
| 80° | 183.1 | 186.2 | 189.8 | 189.8 | 189.8 | 186.2 | 183.1 | 173.8 | 162.1 | 148.6 | 138.1 |
| 82.5° | 144.6 | 147.2 | 150.9 | 150.4 | 150.9 | 147.2 | 144.6 | 137.3 | 127.6 | 118.5 | 109.0 |
| 85° | 87.6 | 93.1 | 92.5 | 91.2 | 92.5 | 93.1 | 87.6 | 88.7 | 79.5 | 73.4 | 64.7 |
| 87.5° | 45.4 | 46.0 | 47.5 | 48.6 | 47.5 | 46.0 | 45.4 | 43.8 | 39.2 | 36.5 | 34.2 |
| 90° | 29.7 | 30.1 | 30.6 | 31.1 | 30.6 | 30.1 | 29.7 | 29.2 | 28.4 | 26.9 | 25.6 |
| 92.5° | 45.2 | 45.5 | 45.7 | 46.0 | 45.7 | 45.5 | 45.2 | 44.9 | 44.3 | 43.5 | 42.7 |
| 95° | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.5 | 80.8 | 80.1 |
| 97.5° | 128.2 | 128.2 | 128.2 | 128.2 | 128.2 | 128.2 | 128.2 | 128.2 | 127.9 | 127.0 | 126.2 |
| 100° | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 | 160.3 | 159.9 | 159.4 |
| 102.5° | 196.5 | 196.7 | 196.9 | 197.1 | 196.9 | 196.7 | 196.5 | 196.3 | 195.9 | 195.3 | 194.6 |
| 105° | 250.7 | 251.4 | 252.1 | 252.8 | 252.1 | 251.4 | 250.7 | 250.0 | 249.3 | 248.6 | 248.0 |
| 107.5° | 307.2 | 307.2 | 307.1 | 307.1 | 307.1 | 307.2 | 307.2 | 307.3 | 306.9 | 306.3 | 305.7 |
| 110° | 343.9 | 344.6 | 345.4 | 346.0 | 345.4 | 344.6 | 343.9 | 343.2 | 343.1 | 343.6 | 344.0 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 385.4 | 385.5 | 385.7 | 385.8 | 385.7 | 385.5 | 385.4 | 385.2 | 385.2 | 385.3 | 385.4 |
| 115° | 448.3 | 448.0 | 447.8 | 447.5 | 447.8 | 448.0 | 448.3 | 448.4 | 448.7 | 448.9 | 449.2 |
| 117.5° | 507.7 | 507.3 | 506.8 | 506.4 | 506.8 | 507.3 | 507.7 | 508.3 | 508.8 | 509.6 | 510.4 |
| 120° | 549.7 | 550.2 | 550.7 | 551.2 | 550.7 | 550.2 | 549.7 | 549.3 | 549.7 | 550.8 | 552.0 |
| 122.5° | 590.9 | 590.1 | 589.2 | 588.4 | 589.2 | 590.1 | 590.9 | 591.7 | 592.5 | 593.3 | 594.1 |
| 125° | 654.1 | 653.6 | 653.1 | 652.6 | 653.1 | 653.6 | 654.1 | 654.5 | 655.0 | 655.4 | 655.9 |
| 127.5° | 713.3 | 712.8 | 712.5 | 712.1 | 712.5 | 712.8 | 713.3 | 713.6 | 714.0 | 714.5 | 715.0 |
| 130° | 753.9 | 753.0 | 752.0 | 751.1 | 752.0 | 753.0 | 753.9 | 754.7 | 755.5 | 755.9 | 756.3 |
| 132.5° | 793.6 | 793.3 | 792.9 | 792.6 | 792.9 | 793.3 | 793.6 | 794.0 | 794.4 | 794.9 | 795.3 |
| 135° | 851.6 | 850.9 | 850.2 | 849.5 | 850.2 | 850.9 | 851.6 | 852.3 | 852.8 | 853.3 | 853.8 |
| 137.5° | 909.0 | 909.1 | 909.3 | 909.4 | 909.3 | 909.1 | 909.0 | 908.8 | 909.1 | 909.6 | 910.3 |
| 140° | 946.6 | 946.3 | 946.1 | 945.8 | 946.1 | 946.3 | 946.6 | 946.8 | 947.0 | 947.3 | 947.4 |
| 142.5° | 982.5 | 982.4 | 982.4 | 982.3 | 982.4 | 982.4 | 982.5 | 982.5 | 982.6 | 982.6 | 982.7 |
| 145° | 1033.9 | 1033.2 | 1032.5 | 1031.9 | 1032.5 | 1033.2 | 1033.9 | 1034.6 | 1035.1 | 1035.3 | 1035.5 |
| 147.5° | 1082.7 | 1082.4 | 1082.2 | 1082.0 | 1082.2 | 1082.4 | 1082.7 | 1082.9 | 1083.1 | 1083.3 | 1083.5 |
| 150° | 1113.3 | 1113.1 | 1112.9 | 1112.7 | 1112.9 | 1113.1 | 1113.3 | 1113.6 | 1113.7 | 1113.7 | 1113.7 |
| 152.5° | 1142.6 | 1142.0 | 1141.4 | 1140.9 | 1141.4 | 1142.0 | 1142.6 | 1143.3 | 1143.3 | 1142.7 | 1142.1 |
| 155° | 1182.8 | 1181.9 | 1180.9 | 1180.0 | 1180.9 | 1181.9 | 1182.8 | 1183.7 | 1183.7 | 1182.8 | 1181.9 |
| 157.5° | 1217.4 | 1216.6 | 1215.8 | 1215.0 | 1215.8 | 1216.6 | 1217.4 | 1218.2 | 1218.2 | 1217.5 | 1216.8 |
| 160° | 1238.3 | 1237.2 | 1236.1 | 1234.9 | 1236.1 | 1237.2 | 1238.3 | 1239.5 | 1239.7 | 1239.0 | 1238.3 |
| 162.5° | 1259.1 | 1257.9 | 1256.8 | 1255.6 | 1256.8 | 1257.9 | 1259.1 | 1260.3 | 1260.2 | 1258.9 | 1257.7 |
| 165° | 1285.3 | 1284.4 | 1283.4 | 1282.5 | 1283.4 | 1284.4 | 1285.3 | 1286.2 | 1286.0 | 1284.6 | 1283.3 |
| 167.5° | 1306.1 | 1304.7 | 1303.2 | 1301.8 | 1303.2 | 1304.7 | 1306.1 | 1307.5 | 1307.5 | 1306.2 | 1304.8 |
| 170° | 1317.4 | 1315.8 | 1314.2 | 1312.6 | 1314.2 | 1315.8 | 1317.4 | 1319.0 | 1319.2 | 1317.8 | 1316.4 |
| 172.5° | 1326.5 | 1324.9 | 1323.3 | 1321.7 | 1323.3 | 1324.9 | 1326.5 | 1328.2 | 1328.2 | 1326.6 | 1325.1 |
| 175° | 1336.1 | 1334.4 | 1332.8 | 1331.2 | 1332.8 | 1334.4 | 1336.1 | 1337.7 | 1337.7 | 1336.1 | 1334.4 |
| 177.5° | 1340.6 | 1339.2 | 1337.7 | 1336.2 | 1337.7 | 1339.2 | 1340.6 | 1342.1 | 1342.2 | 1341.0 | 1339.6 |
| 180° | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 |
| 2.5° | 1422.5 | 1424.5 | 1432.4 | 1439.8 | 1448.7 | 1455.1 | 1459.5 | 1464.5 | 1474.8 | 1483.2 | 1491.0 |
| 5° | 1332.8 | 1335.9 | 1351.8 | 1363.0 | 1382.1 | 1398.7 | 1411.7 | 1425.8 | 1442.5 | 1465.3 | 1486.2 |
| 7.5° | 1253.7 | 1265.2 | 1282.7 | 1300.7 | 1320.2 | 1342.0 | 1361.0 | 1382.3 | 1411.0 | 1442.3 | 1474.6 |
| 10° | 1208.9 | 1221.8 | 1240.3 | 1261.2 | 1279.8 | 1305.0 | 1328.5 | 1353.7 | 1386.3 | 1424.6 | 1462.9 |
| 12.5° | 1164.0 | 1185.3 | 1199.4 | 1224.2 | 1244.2 | 1265.1 | 1289.9 | 1323.1 | 1361.2 | 1401.4 | 1447.5 |
| 15° | 1107.8 | 1119.5 | 1146.6 | 1160.1 | 1188.5 | 1220.6 | 1245.2 | 1278.5 | 1315.5 | 1368.5 | 1420.3 |
| 17.5° | 1042.9 | 1058.3 | 1079.9 | 1105.8 | 1138.4 | 1163.3 | 1194.1 | 1228.3 | 1275.0 | 1327.6 | 1392.4 |
| 20° | 1000.5 | 1013.4 | 1039.9 | 1068.3 | 1102.8 | 1129.4 | 1162.0 | 1195.2 | 1243.4 | 1299.5 | 1367.3 |
| 22.5° | 962.5 | 975.0 | 1003.0 | 1029.3 | 1062.8 | 1095.3 | 1129.4 | 1168.1 | 1214.2 | 1273.4 | 1342.6 |
| 25° | 903.7 | 920.3 | 945.0 | 972.1 | 1004.2 | 1041.2 | 1078.2 | 1112.7 | 1162.0 | 1224.2 | 1298.2 |
| 27.5° | 851.6 | 864.9 | 882.8 | 913.6 | 949.9 | 985.7 | 1022.4 | 1065.9 | 1113.2 | 1179.0 | 1255.8 |
| 30° | 818.1 | 830.4 | 848.2 | 876.6 | 910.5 | 948.7 | 986.9 | 1028.9 | 1078.2 | 1143.5 | 1221.8 |
| 32.5° | 791.4 | 800.8 | 816.6 | 842.0 | 873.0 | 913.2 | 950.9 | 994.3 | 1046.1 | 1110.4 | 1186.8 |
| 35° | 752.1 | 760.1 | 766.2 | 790.3 | 818.1 | 855.0 | 893.2 | 939.5 | 989.4 | 1050.4 | 1126.9 |
| 37.5° | 713.5 | 716.2 | 725.2 | 740.9 | 767.9 | 801.9 | 837.4 | 882.9 | 934.1 | 996.0 | 1065.0 |
| 40° | 689.8 | 691.1 | 696.6 | 711.4 | 734.8 | 766.9 | 801.4 | 846.4 | 895.1 | 953.7 | 1022.1 |
| 42.5° | 666.6 | 665.8 | 670.9 | 681.3 | 703.2 | 732.4 | 766.3 | 807.4 | 856.1 | 910.3 | 974.7 |
| 45° | 630.0 | 630.0 | 628.7 | 637.4 | 655.3 | 683.7 | 712.0 | 751.4 | 792.1 | 845.2 | 899.4 |
| 47.5° | 591.8 | 588.4 | 589.4 | 593.9 | 608.9 | 632.2 | 660.8 | 693.1 | 729.0 | 773.9 | 821.4 |
| 50° | 567.1 | 562.2 | 560.4 | 565.3 | 578.8 | 599.1 | 626.3 | 654.7 | 688.6 | 728.0 | 768.7 |
| 52.5° | 540.0 | 535.1 | 531.7 | 535.2 | 547.8 | 566.6 | 591.3 | 616.2 | 646.7 | 678.7 | 714.0 |
| 55° | 498.1 | 492.6 | 490.7 | 492.0 | 501.1 | 515.9 | 536.9 | 559.7 | 582.6 | 609.0 | 633.7 |
| 57.5° | 456.8 | 447.6 | 445.9 | 445.3 | 451.7 | 465.3 | 482.8 | 502.6 | 519.2 | 535.2 | 561.4 |
| 60° | 429.6 | 418.6 | 414.8 | 414.3 | 419.2 | 430.3 | 446.3 | 466.0 | 477.8 | 488.8 | 511.7 |
| 62.5° | 400.6 | 389.9 | 381.8 | 382.7 | 387.1 | 397.7 | 411.8 | 426.1 | 433.8 | 445.9 | 461.4 |
| 65° | 355.7 | 342.1 | 336.0 | 334.1 | 336.6 | 345.2 | 356.3 | 365.5 | 374.2 | 379.2 | 393.9 |
| 67.5° | 310.9 | 299.4 | 290.3 | 288.1 | 287.0 | 292.9 | 302.0 | 307.6 | 313.8 | 318.1 | 326.8 |
| 70° | 279.3 | 269.4 | 258.3 | 254.6 | 254.0 | 258.9 | 267.5 | 268.1 | 276.8 | 278.7 | 287.8 |
| 72.5° | 248.2 | 235.9 | 228.2 | 224.5 | 221.9 | 226.3 | 232.0 | 233.6 | 238.4 | 241.7 | 246.5 |
| 75° | 199.7 | 190.5 | 183.1 | 177.5 | 175.7 | 178.2 | 178.2 | 181.2 | 184.3 | 186.2 | 191.7 |
| 77.5° | 157.2 | 146.6 | 137.9 | 134.6 | 132.4 | 130.8 | 132.2 | 134.0 | 132.5 | 135.7 | 137.0 |
| 80° | 127.6 | 116.5 | 109.8 | 108.5 | 104.8 | 101.7 | 101.1 | 102.9 | 100.5 | 101.7 | 105.4 |
| 82.5° | 98.5 | 91.4 | 84.1 | 82.8 | 78.2 | 76.6 | 76.0 | 74.8 | 74.8 | 74.5 | 75.3 |
| 85° | 58.6 | 54.2 | 49.3 | 46.2 | 44.4 | 41.3 | 41.3 | 40.0 | 38.9 | 37.6 | 38.3 |
| 87.5° | 28.5 | 27.3 | 24.4 | 22.6 | 21.2 | 18.9 | 18.5 | 16.4 | 15.4 | 14.4 | 13.5 |
| 90° | 24.2 | 22.8 | 21.0 | 19.1 | 17.3 | 15.4 | 13.2 | 10.7 | 8.2 | 5.6 | 3.1 |
| 92.5° | 41.8 | 41.0 | 39.8 | 38.4 | 37.2 | 35.8 | 33.8 | 30.9 | 28.0 | 25.1 | 22.2 |
| 95° | 79.5 | 78.7 | 77.1 | 75.5 | 73.9 | 72.3 | 70.4 | 68.4 | 66.3 | 64.2 | 62.2 |
| 97.5° | 125.4 | 124.5 | 122.6 | 120.7 | 118.9 | 117.0 | 115.2 | 113.5 | 111.9 | 110.2 | 108.6 |
| 100° | 159.0 | 158.5 | 156.4 | 154.4 | 152.3 | 150.3 | 148.7 | 147.8 | 146.9 | 146.0 | 145.1 |
| 102.5° | 193.9 | 193.3 | 191.5 | 189.6 | 187.6 | 185.7 | 184.7 | 184.2 | 183.9 | 183.5 | 183.2 |
| 105° | 247.3 | 246.6 | 245.7 | 244.7 | 243.8 | 242.9 | 242.3 | 242.1 | 241.8 | 241.7 | 241.4 |
| 107.5° | 305.1 | 304.3 | 304.3 | 304.1 | 304.0 | 303.8 | 303.6 | 303.4 | 303.1 | 302.8 | 302.5 |
| 110° | 344.6 | 345.0 | 345.2 | 345.4 | 345.7 | 345.9 | 345.8 | 345.4 | 344.8 | 344.4 | 343.9 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 385.5 | 385.6 | 386.0 | 386.5 | 386.8 | 387.3 | 387.4 | 387.4 | 387.3 | 387.2 | 387.0 |
| 115° | 449.4 | 449.6 | 450.0 | 450.6 | 451.0 | 451.5 | 451.7 | 451.7 | 451.7 | 451.7 | 451.7 |
| 117.5° | 511.2 | 512.0 | 512.3 | 512.6 | 512.9 | 513.3 | 513.4 | 513.2 | 513.0 | 512.8 | 512.6 |
| 120° | 553.1 | 554.3 | 554.9 | 555.6 | 556.3 | 557.1 | 556.9 | 556.0 | 555.1 | 554.1 | 553.2 |
| 122.5° | 594.9 | 595.7 | 596.0 | 596.4 | 596.6 | 597.0 | 597.0 | 596.6 | 596.2 | 595.8 | 595.5 |
| 125° | 656.4 | 656.8 | 657.0 | 657.3 | 657.5 | 657.7 | 657.8 | 657.8 | 657.8 | 657.8 | 657.8 |
| 127.5° | 715.4 | 715.9 | 716.2 | 716.6 | 716.9 | 717.4 | 717.2 | 716.5 | 715.8 | 715.2 | 714.4 |
| 130° | 756.9 | 757.3 | 757.3 | 757.3 | 757.3 | 757.3 | 757.0 | 756.3 | 755.5 | 754.9 | 754.2 |
| 132.5° | 795.8 | 796.3 | 796.5 | 796.7 | 796.8 | 797.0 | 796.8 | 796.3 | 795.9 | 795.3 | 794.8 |
| 135° | 854.3 | 854.7 | 854.7 | 854.7 | 854.7 | 854.7 | 854.0 | 852.7 | 851.2 | 849.9 | 848.5 |
| 137.5° | 910.9 | 911.4 | 911.1 | 910.7 | 910.3 | 910.0 | 909.5 | 908.8 | 908.2 | 907.6 | 906.9 |
| 140° | 947.7 | 947.9 | 947.9 | 947.9 | 947.9 | 947.9 | 947.7 | 947.3 | 946.8 | 946.3 | 945.8 |
| 142.5° | 982.7 | 982.8 | 982.9 | 983.1 | 983.3 | 983.5 | 983.4 | 982.8 | 982.4 | 982.0 | 981.5 |
| 145° | 1035.7 | 1036.0 | 1035.7 | 1035.5 | 1035.3 | 1035.1 | 1034.5 | 1033.6 | 1032.7 | 1031.7 | 1030.8 |
| 147.5° | 1083.7 | 1083.9 | 1084.1 | 1084.2 | 1084.4 | 1084.6 | 1084.1 | 1083.0 | 1081.9 | 1080.8 | 1079.7 |
| 150° | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.2 | 1112.3 | 1111.4 | 1110.4 | 1109.6 |
| 152.5° | 1141.6 | 1141.0 | 1140.9 | 1140.7 | 1140.5 | 1140.3 | 1140.0 | 1139.3 | 1138.8 | 1138.3 | 1137.7 |
| 155° | 1180.9 | 1180.0 | 1180.2 | 1180.4 | 1180.7 | 1180.9 | 1181.0 | 1181.0 | 1181.0 | 1181.0 | 1181.0 |
| 157.5° | 1216.1 | 1215.4 | 1215.5 | 1215.5 | 1215.6 | 1215.6 | 1215.8 | 1216.3 | 1216.7 | 1217.1 | 1217.5 |
| 160° | 1237.7 | 1237.0 | 1237.2 | 1237.4 | 1237.7 | 1237.9 | 1238.1 | 1238.3 | 1238.6 | 1238.9 | 1239.0 |
| 162.5° | 1256.4 | 1255.2 | 1255.4 | 1255.7 | 1255.9 | 1256.2 | 1256.5 | 1257.1 | 1257.8 | 1258.3 | 1258.9 |
| 165° | 1281.8 | 1280.5 | 1280.9 | 1281.4 | 1281.8 | 1282.3 | 1282.9 | 1283.6 | 1284.2 | 1285.0 | 1285.7 |
| 167.5° | 1303.4 | 1302.0 | 1302.0 | 1301.9 | 1301.9 | 1301.8 | 1302.3 | 1303.2 | 1304.2 | 1305.2 | 1306.2 |
| 170° | 1315.0 | 1313.7 | 1313.4 | 1313.1 | 1313.0 | 1312.7 | 1313.1 | 1314.3 | 1315.5 | 1316.6 | 1317.8 |
| 172.5° | 1323.5 | 1322.0 | 1321.9 | 1321.9 | 1321.8 | 1321.7 | 1322.2 | 1323.1 | 1324.1 | 1325.1 | 1326.1 |
| 175° | 1332.8 | 1331.2 | 1331.5 | 1331.7 | 1331.9 | 1332.1 | 1332.8 | 1334.0 | 1335.2 | 1336.3 | 1337.5 |
| 177.5° | 1338.4 | 1337.0 | 1337.0 | 1337.0 | 1337.0 | 1337.0 | 1337.5 | 1338.5 | 1339.3 | 1340.2 | 1341.2 |
| 180° | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 |
| 2.5° | 1498.0 | 1502.9 | 1509.3 | 1520.2 | 1524.1 | 1529.0 | 1536.0 | 1535.4 | 1537.4 | 1544.8 | 1560.6 |
| 5° | 1503.5 | 1522.6 | 1541.1 | 1563.3 | 1586.7 | 1602.1 | 1623.1 | 1636.0 | 1649.0 | 1665.6 | 1694.0 |
| 7.5° | 1505.7 | 1536.1 | 1569.9 | 1608.9 | 1643.6 | 1683.6 | 1714.7 | 1744.0 | 1770.6 | 1805.7 | 1839.5 |
| 10° | 1502.3 | 1542.9 | 1586.7 | 1636.0 | 1688.5 | 1732.9 | 1772.9 | 1818.6 | 1857.3 | 1899.9 | 1938.1 |
| 12.5° | 1495.8 | 1545.0 | 1603.5 | 1658.8 | 1720.0 | 1785.6 | 1835.5 | 1881.6 | 1933.3 | 1982.3 | 2041.2 |
| 15° | 1481.3 | 1548.5 | 1616.9 | 1689.7 | 1771.7 | 1847.4 | 1919.6 | 1979.4 | 2034.9 | 2108.3 | 2185.3 |
| 17.5° | 1462.9 | 1535.3 | 1621.6 | 1709.7 | 1795.4 | 1882.0 | 1971.3 | 2061.2 | 2131.2 | 2222.3 | 2282.6 |
| 20° | 1445.6 | 1529.4 | 1618.2 | 1723.0 | 1808.7 | 1916.6 | 2005.3 | 2092.2 | 2188.3 | 2279.0 | 2351.1 |
| 22.5° | 1421.4 | 1513.1 | 1607.3 | 1711.6 | 1824.4 | 1932.3 | 2034.9 | 2129.2 | 2225.4 | 2323.9 | 2411.3 |
| 25° | 1390.7 | 1473.9 | 1585.5 | 1703.9 | 1816.1 | 1933.1 | 2050.9 | 2169.3 | 2272.8 | 2377.0 | 2458.4 |
| 27.5° | 1338.5 | 1443.5 | 1547.4 | 1669.6 | 1794.2 | 1926.7 | 2052.6 | 2176.6 | 2285.0 | 2370.7 | 2421.2 |
| 30° | 1311.8 | 1403.0 | 1515.8 | 1638.5 | 1773.5 | 1915.9 | 2047.2 | 2168.6 | 2269.8 | 2338.2 | 2358.5 |
| 32.5° | 1272.4 | 1366.5 | 1476.9 | 1604.0 | 1746.9 | 1893.2 | 2030.0 | 2144.5 | 2228.8 | 2264.7 | 2240.2 |
| 35° | 1213.8 | 1298.9 | 1410.4 | 1540.5 | 1689.1 | 1845.0 | 1980.0 | 2076.8 | 2120.0 | 2086.1 | 2001.6 |
| 37.5° | 1143.5 | 1227.8 | 1339.9 | 1467.7 | 1621.4 | 1779.9 | 1902.0 | 1971.7 | 1957.3 | 1873.0 | 1747.1 |
| 40° | 1094.2 | 1173.1 | 1279.8 | 1417.8 | 1567.6 | 1726.6 | 1833.9 | 1871.5 | 1832.1 | 1711.3 | 1577.5 |
| 42.5° | 1039.5 | 1116.4 | 1223.5 | 1356.6 | 1515.4 | 1662.1 | 1755.5 | 1758.6 | 1692.5 | 1548.0 | 1413.7 |
| 45° | 956.1 | 1029.5 | 1130.6 | 1269.3 | 1415.9 | 1554.1 | 1615.7 | 1585.5 | 1463.5 | 1324.1 | 1189.1 |
| 47.5° | 873.9 | 937.5 | 1037.1 | 1168.8 | 1308.1 | 1424.3 | 1454.9 | 1400.5 | 1270.5 | 1135.2 | 1010.1 |
| 50° | 813.7 | 877.8 | 971.5 | 1097.3 | 1231.6 | 1332.1 | 1346.9 | 1274.8 | 1147.2 | 1010.9 | 912.9 |
| 52.5° | 756.0 | 819.7 | 909.9 | 1026.3 | 1149.3 | 1239.9 | 1240.4 | 1156.9 | 1029.8 | 908.4 | 817.3 |
| 55° | 671.3 | 728.6 | 810.0 | 914.2 | 1024.0 | 1094.8 | 1077.5 | 991.2 | 880.9 | 775.5 | 696.0 |
| 57.5° | 589.7 | 639.6 | 714.6 | 801.5 | 898.1 | 956.6 | 928.0 | 844.9 | 746.4 | 657.0 | 596.7 |
| 60° | 536.9 | 584.4 | 648.5 | 730.5 | 811.9 | 857.5 | 830.4 | 755.1 | 664.5 | 592.4 | 540.0 |
| 62.5° | 485.6 | 525.7 | 587.4 | 658.5 | 734.0 | 767.8 | 743.6 | 669.3 | 591.0 | 525.8 | 483.3 |
| 65° | 413.0 | 445.7 | 495.0 | 556.1 | 610.9 | 639.9 | 619.6 | 550.5 | 490.7 | 443.8 | 409.9 |
| 67.5° | 345.2 | 370.8 | 408.0 | 457.0 | 503.6 | 519.3 | 500.8 | 452.7 | 402.1 | 364.5 | 340.6 |
| 70° | 298.4 | 322.4 | 353.8 | 391.5 | 432.1 | 448.8 | 430.3 | 392.1 | 350.8 | 316.2 | 292.8 |
| 72.5° | 257.4 | 276.1 | 302.6 | 334.7 | 366.6 | 383.2 | 370.6 | 333.9 | 299.0 | 273.3 | 253.3 |
| 75° | 196.0 | 212.0 | 230.5 | 253.3 | 278.0 | 289.1 | 278.0 | 252.7 | 228.7 | 209.6 | 195.4 |
| 77.5° | 142.5 | 151.1 | 165.4 | 182.4 | 197.9 | 206.3 | 196.8 | 179.6 | 165.0 | 151.9 | 144.9 |
| 80° | 108.5 | 114.7 | 124.5 | 138.1 | 148.6 | 156.6 | 150.4 | 136.3 | 124.5 | 115.9 | 112.8 |
| 82.5° | 78.9 | 83.1 | 89.5 | 99.6 | 106.6 | 110.8 | 108.0 | 97.7 | 92.9 | 85.3 | 82.2 |
| 85° | 38.9 | 41.3 | 45.7 | 48.7 | 54.8 | 55.5 | 56.1 | 51.8 | 47.4 | 45.7 | 43.2 |
| 87.5° | 14.4 | 15.4 | 17.4 | 19.4 | 21.8 | 22.6 | 22.6 | 22.9 | 21.3 | 21.1 | 19.4 |
| 90° | 5.6 | 8.2 | 10.7 | 13.2 | 15.4 | 17.3 | 19.1 | 21.0 | 22.8 | 24.2 | 25.6 |
| 92.5° | 25.1 | 28.0 | 30.9 | 33.8 | 35.8 | 37.2 | 38.4 | 39.8 | 41.0 | 41.8 | 42.7 |
| 95° | 64.2 | 66.3 | 68.4 | 70.4 | 72.3 | 73.9 | 75.5 | 77.1 | 78.7 | 79.5 | 80.1 |
| 97.5° | 110.2 | 111.9 | 113.5 | 115.2 | 117.0 | 118.9 | 120.7 | 122.6 | 124.5 | 125.4 | 126.2 |
| 100° | 146.0 | 146.9 | 147.8 | 148.7 | 150.3 | 152.3 | 154.4 | 156.4 | 158.5 | 159.0 | 159.4 |
| 102.5° | 183.5 | 183.9 | 184.2 | 184.7 | 185.7 | 187.6 | 189.6 | 191.5 | 193.3 | 193.9 | 194.6 |
| 105° | 241.7 | 241.8 | 242.1 | 242.3 | 242.9 | 243.8 | 244.7 | 245.7 | 246.6 | 247.3 | 248.0 |
| 107.5° | 302.8 | 303.1 | 303.4 | 303.6 | 303.8 | 304.0 | 304.1 | 304.3 | 304.3 | 305.1 | 305.7 |
| 110° | 344.4 | 344.8 | 345.4 | 345.8 | 345.9 | 345.7 | 345.4 | 345.2 | 345.0 | 344.6 | 344.0 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 387.2 | 387.3 | 387.4 | 387.4 | 387.3 | 386.8 | 386.5 | 386.0 | 385.6 | 385.5 | 385.4 |
| 115° | 451.7 | 451.7 | 451.7 | 451.7 | 451.5 | 451.0 | 450.6 | 450.0 | 449.6 | 449.4 | 449.2 |
| 117.5° | 512.8 | 513.0 | 513.2 | 513.4 | 513.3 | 512.9 | 512.6 | 512.3 | 512.0 | 511.2 | 510.4 |
| 120° | 554.1 | 555.1 | 556.0 | 556.9 | 557.1 | 556.3 | 555.6 | 554.9 | 554.3 | 553.1 | 552.0 |
| 122.5° | 595.8 | 596.2 | 596.6 | 597.0 | 597.0 | 596.6 | 596.4 | 596.0 | 595.7 | 594.9 | 594.1 |
| 125° | 657.8 | 657.8 | 657.8 | 657.8 | 657.7 | 657.5 | 657.3 | 657.0 | 656.8 | 656.4 | 655.9 |
| 127.5° | 715.2 | 715.8 | 716.5 | 717.2 | 717.4 | 716.9 | 716.6 | 716.2 | 715.9 | 715.4 | 715.0 |
| 130° | 754.9 | 755.5 | 756.3 | 757.0 | 757.3 | 757.3 | 757.3 | 757.3 | 757.3 | 756.9 | 756.3 |
| 132.5° | 795.3 | 795.9 | 796.3 | 796.8 | 797.0 | 796.8 | 796.7 | 796.5 | 796.3 | 795.8 | 795.3 |
| 135° | 849.9 | 851.2 | 852.7 | 854.0 | 854.7 | 854.7 | 854.7 | 854.7 | 854.7 | 854.3 | 853.8 |
| 137.5° | 907.6 | 908.2 | 908.8 | 909.5 | 910.0 | 910.3 | 910.7 | 911.1 | 911.4 | 910.9 | 910.3 |
| 140° | 946.3 | 946.8 | 947.3 | 947.7 | 947.9 | 947.9 | 947.9 | 947.9 | 947.9 | 947.7 | 947.4 |
| 142.5° | 982.0 | 982.4 | 982.8 | 983.4 | 983.5 | 983.3 | 983.1 | 982.9 | 982.8 | 982.7 | 982.7 |
| 145° | 1031.7 | 1032.7 | 1033.6 | 1034.5 | 1035.1 | 1035.3 | 1035.5 | 1035.7 | 1036.0 | 1035.7 | 1035.5 |
| 147.5° | 1080.8 | 1081.9 | 1083.0 | 1084.1 | 1084.6 | 1084.4 | 1084.2 | 1084.1 | 1083.9 | 1083.7 | 1083.5 |
| 150° | 1110.4 | 1111.4 | 1112.3 | 1113.2 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.7 | 1113.7 |
| 152.5° | 1138.3 | 1138.8 | 1139.3 | 1140.0 | 1140.3 | 1140.5 | 1140.7 | 1140.9 | 1141.0 | 1141.6 | 1142.1 |
| 155° | 1181.0 | 1181.0 | 1181.0 | 1181.0 | 1180.9 | 1180.7 | 1180.4 | 1180.2 | 1180.0 | 1180.9 | 1181.9 |
| 157.5° | 1217.1 | 1216.7 | 1216.3 | 1215.8 | 1215.6 | 1215.6 | 1215.5 | 1215.5 | 1215.4 | 1216.1 | 1216.8 |
| 160° | 1238.9 | 1238.6 | 1238.3 | 1238.1 | 1237.9 | 1237.7 | 1237.4 | 1237.2 | 1237.0 | 1237.7 | 1238.3 |
| 162.5° | 1258.3 | 1257.8 | 1257.1 | 1256.5 | 1256.2 | 1255.9 | 1255.7 | 1255.4 | 1255.2 | 1256.4 | 1257.7 |
| 165° | 1285.0 | 1284.2 | 1283.6 | 1282.9 | 1282.3 | 1281.8 | 1281.4 | 1280.9 | 1280.5 | 1281.8 | 1283.3 |
| 167.5° | 1305.2 | 1304.2 | 1303.2 | 1302.3 | 1301.8 | 1301.9 | 1301.9 | 1302.0 | 1302.0 | 1303.4 | 1304.8 |
| 170° | 1316.6 | 1315.5 | 1314.3 | 1313.1 | 1312.7 | 1313.0 | 1313.1 | 1313.4 | 1313.7 | 1315.0 | 1316.4 |
| 172.5° | 1325.1 | 1324.1 | 1323.1 | 1322.2 | 1321.7 | 1321.8 | 1321.9 | 1321.9 | 1322.0 | 1323.5 | 1325.1 |
| 175° | 1336.3 | 1335.2 | 1334.0 | 1332.8 | 1332.1 | 1331.9 | 1331.7 | 1331.5 | 1331.2 | 1332.8 | 1334.4 |
| 177.5° | 1340.2 | 1339.3 | 1338.5 | 1337.5 | 1337.0 | 1337.0 | 1337.0 | 1337.0 | 1337.0 | 1338.4 | 1339.6 |
| 180° | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 | 1488.1 |
| 2.5° | 1568.5 | 1569.5 | 1573.9 | 1577.3 | 1578.3 | 1583.3 | 1583.8 |
| 5° | 1706.3 | 1716.8 | 1737.1 | 1739.0 | 1742.0 | 1758.1 | 1745.8 |
| 7.5° | 1867.9 | 1894.4 | 1912.2 | 1927.9 | 1933.6 | 1940.5 | 1939.1 |
| 10° | 1971.4 | 2010.8 | 2030.6 | 2062.0 | 2063.2 | 2071.3 | 2066.4 |
| 12.5° | 2075.5 | 2121.3 | 2157.3 | 2163.1 | 2189.5 | 2193.5 | 2200.5 |
| 15° | 2222.9 | 2271.6 | 2321.6 | 2339.4 | 2375.8 | 2384.4 | 2398.0 |
| 17.5° | 2361.5 | 2411.3 | 2446.3 | 2492.5 | 2507.5 | 2527.5 | 2513.8 |
| 20° | 2437.4 | 2491.7 | 2536.0 | 2572.4 | 2587.8 | 2598.9 | 2597.7 |
| 22.5° | 2483.3 | 2538.0 | 2574.0 | 2601.5 | 2615.9 | 2620.6 | 2620.4 |
| 25° | 2512.0 | 2543.4 | 2554.6 | 2565.0 | 2549.0 | 2543.4 | 2545.9 |
| 27.5° | 2432.1 | 2424.0 | 2395.0 | 2357.1 | 2317.6 | 2286.3 | 2269.2 |
| 30° | 2322.2 | 2274.0 | 2230.3 | 2153.8 | 2114.4 | 2091.0 | 2070.0 |
| 32.5° | 2166.3 | 2090.1 | 2005.9 | 1935.9 | 1891.1 | 1856.3 | 1851.1 |
| 35° | 1899.3 | 1784.6 | 1681.7 | 1596.0 | 1551.6 | 1513.9 | 1505.4 |
| 37.5° | 1614.7 | 1495.6 | 1402.9 | 1327.5 | 1279.8 | 1253.2 | 1228.4 |
| 40° | 1425.8 | 1323.5 | 1232.3 | 1168.1 | 1131.8 | 1112.7 | 1097.3 |
| 42.5° | 1280.3 | 1186.9 | 1096.2 | 1047.3 | 1014.4 | 1002.7 | 993.7 |
| 45° | 1079.4 | 992.5 | 929.6 | 892.6 | 873.5 | 853.8 | 844.5 |
| 47.5° | 918.5 | 847.7 | 806.3 | 774.9 | 754.4 | 742.7 | 736.7 |
| 50° | 827.2 | 769.3 | 732.4 | 708.3 | 689.8 | 680.6 | 675.6 |
| 52.5° | 746.4 | 698.8 | 667.7 | 648.6 | 636.1 | 629.3 | 627.3 |
| 55° | 642.9 | 606.5 | 586.8 | 570.2 | 561.0 | 554.8 | 552.3 |
| 57.5° | 558.8 | 530.9 | 514.9 | 501.1 | 497.6 | 492.4 | 490.7 |
| 60° | 503.6 | 482.1 | 468.5 | 459.2 | 456.2 | 450.0 | 451.2 |
| 62.5° | 454.8 | 437.2 | 425.6 | 420.3 | 416.3 | 411.1 | 412.8 |
| 65° | 384.7 | 371.8 | 365.5 | 360.6 | 355.7 | 352.6 | 355.1 |
| 67.5° | 322.8 | 313.9 | 305.5 | 302.6 | 300.2 | 299.7 | 297.1 |
| 70° | 282.3 | 274.9 | 267.5 | 265.7 | 265.7 | 263.2 | 262.6 |
| 72.5° | 243.3 | 237.9 | 233.0 | 231.7 | 229.7 | 230.7 | 228.1 |
| 75° | 188.0 | 183.7 | 181.8 | 180.0 | 179.4 | 179.4 | 177.5 |
| 77.5° | 138.9 | 135.7 | 132.8 | 132.8 | 130.5 | 129.7 | 129.5 |
| 80° | 105.4 | 104.2 | 101.7 | 101.7 | 100.5 | 101.1 | 99.9 |
| 82.5° | 79.3 | 77.6 | 77.0 | 76.1 | 74.4 | 74.5 | 73.2 |
| 85° | 42.5 | 40.7 | 40.0 | 38.3 | 37.0 | 38.3 | 37.0 |
| 87.5° | 20.2 | 20.0 | 19.6 | 18.7 | 18.4 | 18.5 | 17.0 |
| 90° | 26.9 | 28.4 | 29.2 | 29.7 | 30.1 | 30.6 | 31.1 |
| 92.5° | 43.5 | 44.3 | 44.9 | 45.2 | 45.5 | 45.7 | 46.0 |
| 95° | 80.8 | 81.5 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| 97.5° | 127.0 | 127.9 | 128.2 | 128.2 | 128.2 | 128.2 | 128.2 |
| 100° | 159.9 | 160.3 | 160.6 | 160.6 | 160.6 | 160.6 | 160.6 |
| 102.5° | 195.3 | 195.9 | 196.3 | 196.5 | 196.7 | 196.9 | 197.1 |
| 105° | 248.6 | 249.3 | 250.0 | 250.7 | 251.4 | 252.1 | 252.8 |
| 107.5° | 306.3 | 306.9 | 307.3 | 307.2 | 307.2 | 307.1 | 307.1 |
| 110° | 343.6 | 343.1 | 343.2 | 343.9 | 344.6 | 345.4 | 346.0 |



TEST NUMBER: P332662-940

CATALOG NUMBER: SA4XXDIP-C1020D1205U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 385.3 | 385.2 | 385.2 | 385.4 | 385.5 | 385.7 | 385.8 |
| 115° | 448.9 | 448.7 | 448.4 | 448.3 | 448.0 | 447.8 | 447.5 |
| 117.5° | 509.6 | 508.8 | 508.3 | 507.7 | 507.3 | 506.8 | 506.4 |
| 120° | 550.8 | 549.7 | 549.3 | 549.7 | 550.2 | 550.7 | 551.2 |
| 122.5° | 593.3 | 592.5 | 591.7 | 590.9 | 590.1 | 589.2 | 588.4 |
| 125° | 655.4 | 655.0 | 654.5 | 654.1 | 653.6 | 653.1 | 652.6 |
| 127.5° | 714.5 | 714.0 | 713.6 | 713.3 | 712.8 | 712.5 | 712.1 |
| 130° | 755.9 | 755.5 | 754.7 | 753.9 | 753.0 | 752.0 | 751.1 |
| 132.5° | 794.9 | 794.4 | 794.0 | 793.6 | 793.3 | 792.9 | 792.6 |
| 135° | 853.3 | 852.8 | 852.3 | 851.6 | 850.9 | 850.2 | 849.5 |
| 137.5° | 909.6 | 909.1 | 908.8 | 909.0 | 909.1 | 909.3 | 909.4 |
| 140° | 947.3 | 947.0 | 946.8 | 946.6 | 946.3 | 946.1 | 945.8 |
| 142.5° | 982.6 | 982.6 | 982.5 | 982.5 | 982.4 | 982.4 | 982.3 |
| 145° | 1035.3 | 1035.1 | 1034.6 | 1033.9 | 1033.2 | 1032.5 | 1031.9 |
| 147.5° | 1083.3 | 1083.1 | 1082.9 | 1082.7 | 1082.4 | 1082.2 | 1082.0 |
| 150° | 1113.7 | 1113.7 | 1113.6 | 1113.3 | 1113.1 | 1112.9 | 1112.7 |
| 152.5° | 1142.7 | 1143.3 | 1143.3 | 1142.6 | 1142.0 | 1141.4 | 1140.9 |
| 155° | 1182.8 | 1183.7 | 1183.7 | 1182.8 | 1181.9 | 1180.9 | 1180.0 |
| 157.5° | 1217.5 | 1218.2 | 1218.2 | 1217.4 | 1216.6 | 1215.8 | 1215.0 |
| 160° | 1239.0 | 1239.7 | 1239.5 | 1238.3 | 1237.2 | 1236.1 | 1234.9 |
| 162.5° | 1258.9 | 1260.2 | 1260.3 | 1259.1 | 1257.9 | 1256.8 | 1255.6 |
| 165° | 1284.6 | 1286.0 | 1286.2 | 1285.3 | 1284.4 | 1283.4 | 1282.5 |
| 167.5° | 1306.2 | 1307.5 | 1307.5 | 1306.1 | 1304.7 | 1303.2 | 1301.8 |
| 170° | 1317.8 | 1319.2 | 1319.0 | 1317.4 | 1315.8 | 1314.2 | 1312.6 |
| 172.5° | 1326.6 | 1328.2 | 1328.2 | 1326.5 | 1324.9 | 1323.3 | 1321.7 |
| 175° | 1336.1 | 1337.7 | 1337.7 | 1336.1 | 1334.4 | 1332.8 | 1331.2 |
| 177.5° | 1341.0 | 1342.2 | 1342.1 | 1340.6 | 1339.2 | 1337.7 | 1336.2 |
| 180° | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 | 1339.5 |

(END OF REPORT)