

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: P332662-927

Luminaire Tested: **SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332662-927
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-C1020D1205U927-4F0-1E-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: 6952.6 lumens
Efficiency: N/A
Efficacy: 106.3 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

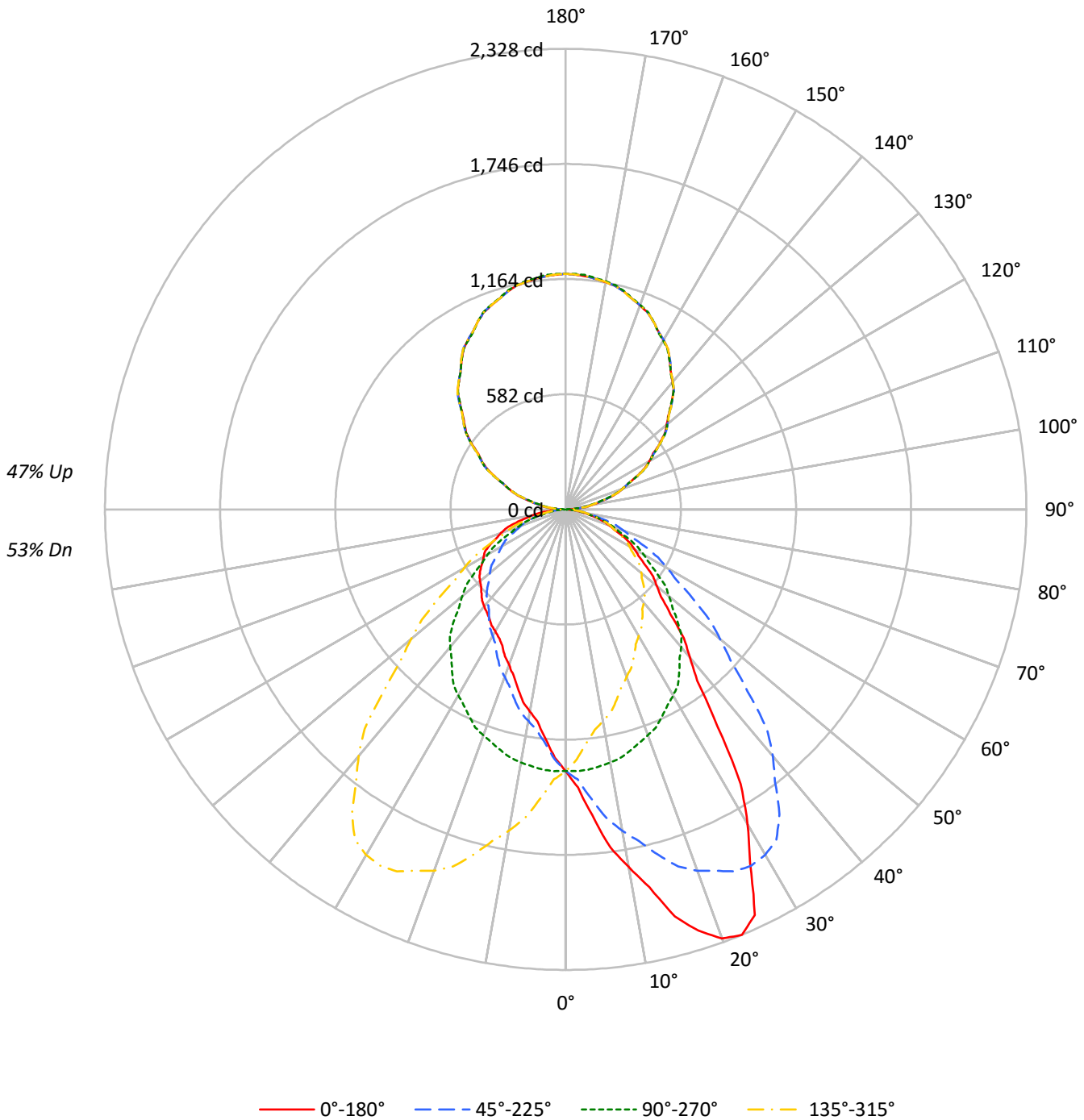
Input Watts (W): 65.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-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° | 10672 | 10672 | 10672 | 10672 |
| 5° | 12568 | 10699 | 9444 | 10699 |
| 10° | 15048 | 10653 | 8502 | 10653 |
| 15° | 17804 | 10546 | 7809 | 10546 |
| 20° | 19826 | 10436 | 7189 | 10436 |
| 25° | 20147 | 10273 | 6762 | 10273 |
| 30° | 17143 | 10118 | 6626 | 10118 |
| 35° | 13180 | 9866 | 6628 | 9866 |
| 40° | 10273 | 9569 | 6752 | 9569 |
| 45° | 8566 | 9122 | 6865 | 9122 |
| 50° | 7538 | 8577 | 7097 | 8577 |
| 55° | 6906 | 7924 | 7385 | 7924 |
| 60° | 6471 | 7340 | 7727 | 7340 |
| 65° | 6025 | 6684 | 8013 | 6684 |
| 70° | 5507 | 6035 | 8195 | 6035 |
| 75° | 4919 | 5312 | 8097 | 5312 |
| 80° | 4124 | 4351 | 7843 | 4351 |
| 85° | 3047 | 3149 | 7503 | 3149 |



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CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 128.8 | 1.9 |
| 10°-20° | 397.0 | 5.7 |
| 20°-30° | 629.5 | 9.1 |
| 30°-40° | 700.6 | 10.1 |
| 40°-50° | 637.7 | 9.2 |
| 50°-60° | 521.1 | 7.5 |
| 60°-70° | 372.0 | 5.4 |
| 70°-80° | 204.9 | 2.9 |
| 80°-90° | 59.5 | 0.9 |
| 90°-100° | 78.5 | 1.1 |
| 100°-110° | 232.5 | 3.3 |
| 110°-120° | 394.6 | 5.7 |
| 120°-130° | 520.4 | 7.5 |
| 130°-140° | 584.4 | 8.4 |
| 140°-150° | 574.3 | 8.3 |
| 150°-160° | 483.0 | 6.9 |
| 160°-170° | 321.4 | 4.6 |
| 170°-180° | 112.5 | 1.6 |
| 0°-30° | 1155.3 | 16.6 |
| 0°-40° | 1855.8 | 26.7 |
| 0°-60° | 3014.6 | 43.4 |
| 0°-90° | 3651.0 | 52.5 |
| 90°-120° | 705.6 | 10.1 |
| 90°-150° | 2384.7 | 34.3 |
| 90°-180° | 3302.0 | 47.5 |
| 0°-180° | 6952.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1322 | 1322 | 1322 | 1322 | 1322 | |
| 5° | 1551 | 1320 | 1165 | 1320 | 1551 | 158 |
| 15° | 2130 | 1262 | 934 | 1262 | 2130 | 602 |
| 25° | 2262 | 1153 | 759 | 1153 | 2262 | 997 |
| 35° | 1337 | 1001 | 672 | 1001 | 1337 | 849 |
| 45° | 750 | 799 | 601 | 799 | 750 | 591 |
| 55° | 491 | 563 | 525 | 563 | 491 | 443 |
| 65° | 315 | 350 | 420 | 350 | 315 | 312 |
| 75° | 158 | 170 | 260 | 170 | 158 | 168 |
| 85° | 33 | 34 | 81 | 34 | 33 | 41 |
| 90° | 28 | 3 | 28 | 3 | 28 | 15 |
| 95° | 73 | 55 | 73 | 55 | 73 | 76 |
| 105° | 225 | 214 | 225 | 214 | 225 | 237 |
| 115° | 398 | 401 | 398 | 401 | 398 | 393 |
| 125° | 580 | 584 | 580 | 584 | 580 | 517 |
| 135° | 755 | 754 | 755 | 754 | 755 | 583 |
| 145° | 917 | 916 | 917 | 916 | 917 | 574 |
| 155° | 1048 | 1049 | 1048 | 1049 | 1048 | 483 |
| 165° | 1139 | 1142 | 1139 | 1142 | 1139 | 321 |
| 175° | 1183 | 1188 | 1183 | 1188 | 1183 | 112 |
| 180° | 1190 | 1190 | 1190 | 1190 | 1190 | |



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 |
| 2.5° | 1407.0 | 1406.6 | 1402.2 | 1401.3 | 1398.2 | 1394.3 | 1393.4 | 1386.4 | 1372.4 | 1365.8 | 1364.1 |
| 5° | 1550.9 | 1561.9 | 1547.6 | 1544.9 | 1543.3 | 1525.2 | 1515.8 | 1504.9 | 1479.7 | 1464.9 | 1453.4 |
| 7.5° | 1722.7 | 1723.9 | 1717.8 | 1712.7 | 1698.8 | 1683.0 | 1659.4 | 1634.2 | 1604.2 | 1573.0 | 1549.4 |
| 10° | 1835.7 | 1840.1 | 1833.0 | 1831.8 | 1804.0 | 1786.4 | 1751.4 | 1721.8 | 1687.8 | 1650.0 | 1615.6 |
| 12.5° | 1954.9 | 1948.7 | 1945.1 | 1921.7 | 1916.5 | 1884.5 | 1843.8 | 1813.4 | 1761.0 | 1717.5 | 1671.6 |
| 15° | 2130.3 | 2118.3 | 2110.6 | 2078.3 | 2062.4 | 2018.1 | 1974.8 | 1941.4 | 1873.0 | 1807.8 | 1758.5 |
| 17.5° | 2233.2 | 2245.4 | 2227.6 | 2214.3 | 2173.3 | 2142.1 | 2097.9 | 2027.8 | 1974.3 | 1893.3 | 1831.1 |
| 20° | 2307.8 | 2308.8 | 2299.0 | 2285.3 | 2253.0 | 2213.6 | 2165.4 | 2088.7 | 2024.7 | 1944.1 | 1858.7 |
| 22.5° | 2327.9 | 2328.1 | 2323.9 | 2311.1 | 2286.7 | 2254.7 | 2206.1 | 2142.1 | 2064.5 | 1977.0 | 1891.6 |
| 25° | 2261.8 | 2259.5 | 2264.5 | 2278.7 | 2269.4 | 2259.5 | 2231.7 | 2184.0 | 2111.7 | 2019.1 | 1927.1 |
| 27.5° | 2015.9 | 2031.1 | 2058.9 | 2094.0 | 2127.7 | 2153.5 | 2160.7 | 2150.9 | 2106.1 | 2030.0 | 1933.6 |
| 30° | 1839.0 | 1857.6 | 1878.4 | 1913.4 | 1981.3 | 2020.2 | 2063.0 | 2095.2 | 2077.2 | 2016.4 | 1926.6 |
| 32.5° | 1644.5 | 1649.1 | 1680.0 | 1719.8 | 1782.0 | 1856.8 | 1924.5 | 1990.1 | 2011.9 | 1980.1 | 1905.1 |
| 35° | 1337.4 | 1345.0 | 1378.4 | 1417.8 | 1494.0 | 1585.4 | 1687.3 | 1778.2 | 1853.2 | 1883.3 | 1845.0 |
| 37.5° | 1091.3 | 1113.3 | 1136.9 | 1179.3 | 1246.3 | 1328.6 | 1434.5 | 1552.1 | 1664.0 | 1738.8 | 1751.6 |
| 40° | 974.8 | 988.5 | 1005.4 | 1037.8 | 1094.7 | 1175.8 | 1266.7 | 1401.4 | 1520.3 | 1627.6 | 1662.6 |
| 42.5° | 882.8 | 890.8 | 901.2 | 930.4 | 973.8 | 1054.4 | 1137.4 | 1255.9 | 1375.2 | 1503.6 | 1562.3 |
| 45° | 750.3 | 758.5 | 776.0 | 793.0 | 825.9 | 881.7 | 958.9 | 1056.4 | 1176.3 | 1300.1 | 1408.5 |
| 47.5° | 654.5 | 659.8 | 670.2 | 688.4 | 716.3 | 753.1 | 815.9 | 897.4 | 1008.5 | 1128.7 | 1244.2 |
| 50° | 600.2 | 604.6 | 612.8 | 629.2 | 650.6 | 683.4 | 734.9 | 811.0 | 898.1 | 1019.1 | 1132.5 |
| 52.5° | 557.3 | 559.0 | 565.1 | 576.2 | 593.2 | 620.8 | 663.1 | 726.0 | 807.0 | 914.9 | 1027.8 |
| 55° | 490.7 | 492.9 | 498.4 | 506.6 | 521.3 | 538.8 | 571.2 | 618.3 | 689.0 | 782.6 | 880.6 |
| 57.5° | 435.9 | 437.4 | 442.0 | 445.2 | 457.4 | 471.7 | 496.5 | 530.1 | 583.7 | 663.1 | 750.6 |
| 60° | 400.8 | 399.8 | 405.3 | 408.0 | 416.2 | 428.3 | 447.4 | 479.7 | 526.2 | 590.3 | 670.8 |
| 62.5° | 366.7 | 365.2 | 369.8 | 373.4 | 378.1 | 388.4 | 404.0 | 429.4 | 467.1 | 525.1 | 594.6 |
| 65° | 315.4 | 313.2 | 316.0 | 320.4 | 324.7 | 330.3 | 341.7 | 364.2 | 394.3 | 435.9 | 489.0 |
| 67.5° | 264.0 | 266.3 | 266.7 | 268.9 | 271.4 | 278.8 | 286.8 | 302.6 | 323.8 | 357.2 | 402.2 |
| 70° | 233.3 | 233.9 | 236.1 | 236.1 | 237.7 | 244.2 | 250.8 | 260.2 | 280.9 | 311.6 | 348.3 |
| 72.5° | 202.6 | 204.9 | 204.1 | 205.8 | 207.0 | 211.4 | 216.2 | 225.1 | 242.8 | 265.6 | 296.6 |
| 75° | 157.7 | 159.4 | 159.4 | 159.9 | 161.5 | 163.2 | 167.0 | 173.6 | 186.2 | 203.2 | 224.5 |
| 77.5° | 115.0 | 115.3 | 116.0 | 118.0 | 118.0 | 120.6 | 123.4 | 128.7 | 134.9 | 146.6 | 159.5 |
| 80° | 88.7 | 89.8 | 89.3 | 90.4 | 90.4 | 92.5 | 93.6 | 100.2 | 103.0 | 110.6 | 121.0 |
| 82.5° | 65.0 | 66.1 | 66.1 | 67.6 | 68.4 | 68.9 | 70.4 | 73.0 | 75.8 | 82.5 | 86.8 |
| 85° | 32.9 | 34.0 | 32.9 | 34.0 | 35.6 | 36.1 | 37.8 | 38.3 | 40.6 | 42.1 | 46.0 |
| 87.5° | 15.1 | 16.4 | 16.3 | 16.6 | 17.4 | 17.7 | 17.9 | 17.3 | 18.8 | 18.9 | 20.4 |
| 90° | 27.6 | 27.2 | 26.8 | 26.4 | 26.0 | 25.2 | 23.9 | 22.7 | 21.5 | 20.3 | 18.6 |
| 92.5° | 40.9 | 40.6 | 40.4 | 40.2 | 39.8 | 39.4 | 38.7 | 37.9 | 37.2 | 36.4 | 35.3 |
| 95° | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.4 | 71.8 | 71.1 | 70.6 | 69.9 | 68.5 |
| 97.5° | 113.9 | 113.9 | 113.9 | 113.9 | 113.9 | 113.6 | 112.8 | 112.1 | 111.4 | 110.6 | 108.9 |
| 100° | 142.7 | 142.7 | 142.7 | 142.7 | 142.7 | 142.4 | 142.0 | 141.6 | 141.2 | 140.9 | 138.9 |
| 102.5° | 175.1 | 174.9 | 174.8 | 174.6 | 174.4 | 174.0 | 173.5 | 172.9 | 172.3 | 171.7 | 170.1 |
| 105° | 224.6 | 223.9 | 223.3 | 222.8 | 222.1 | 221.5 | 220.9 | 220.3 | 219.7 | 219.0 | 218.2 |
| 107.5° | 272.8 | 272.8 | 272.9 | 272.9 | 273.0 | 272.7 | 272.1 | 271.6 | 271.0 | 270.4 | 270.3 |
| 110° | 307.4 | 306.8 | 306.2 | 305.5 | 304.9 | 304.8 | 305.2 | 305.6 | 306.1 | 306.5 | 306.7 |



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CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 342.8 | 342.6 | 342.5 | 342.4 | 342.2 | 342.2 | 342.3 | 342.4 | 342.5 | 342.5 | 342.9 |
| 115° | 397.6 | 397.8 | 398.0 | 398.2 | 398.4 | 398.6 | 398.8 | 399.0 | 399.3 | 399.4 | 399.8 |
| 117.5° | 449.9 | 450.3 | 450.7 | 451.1 | 451.5 | 452.0 | 452.7 | 453.4 | 454.2 | 454.9 | 455.1 |
| 120° | 489.6 | 489.3 | 488.8 | 488.4 | 488.0 | 488.3 | 489.3 | 490.4 | 491.4 | 492.4 | 493.0 |
| 122.5° | 522.8 | 523.5 | 524.3 | 525.0 | 525.7 | 526.4 | 527.1 | 527.8 | 528.5 | 529.2 | 529.5 |
| 125° | 579.8 | 580.2 | 580.7 | 581.1 | 581.5 | 581.9 | 582.3 | 582.7 | 583.1 | 583.5 | 583.7 |
| 127.5° | 632.6 | 633.0 | 633.3 | 633.7 | 634.0 | 634.3 | 634.8 | 635.2 | 635.6 | 636.0 | 636.3 |
| 130° | 667.3 | 668.0 | 668.9 | 669.7 | 670.5 | 671.1 | 671.5 | 671.9 | 672.4 | 672.8 | 672.8 |
| 132.5° | 704.1 | 704.4 | 704.7 | 705.0 | 705.4 | 705.8 | 706.2 | 706.5 | 706.9 | 707.4 | 707.6 |
| 135° | 754.7 | 755.3 | 755.9 | 756.5 | 757.2 | 757.6 | 758.0 | 758.5 | 758.9 | 759.3 | 759.3 |
| 137.5° | 807.9 | 807.8 | 807.6 | 807.6 | 807.4 | 807.6 | 808.1 | 808.7 | 809.2 | 809.7 | 809.4 |
| 140° | 840.3 | 840.5 | 840.7 | 840.9 | 841.1 | 841.3 | 841.5 | 841.7 | 841.9 | 842.1 | 842.1 |
| 142.5° | 872.7 | 872.7 | 872.7 | 872.8 | 872.8 | 872.9 | 872.9 | 873.0 | 873.0 | 873.1 | 873.2 |
| 145° | 916.7 | 917.3 | 917.9 | 918.5 | 919.1 | 919.6 | 919.7 | 920.0 | 920.1 | 920.4 | 920.1 |
| 147.5° | 961.2 | 961.4 | 961.6 | 961.9 | 962.0 | 962.2 | 962.4 | 962.6 | 962.7 | 962.9 | 963.1 |
| 150° | 988.5 | 988.6 | 988.9 | 989.0 | 989.3 | 989.4 | 989.4 | 989.4 | 989.4 | 989.4 | 989.4 |
| 152.5° | 1013.5 | 1014.0 | 1014.5 | 1015.1 | 1015.7 | 1015.7 | 1015.2 | 1014.6 | 1014.2 | 1013.7 | 1013.5 |
| 155° | 1048.3 | 1049.1 | 1050.0 | 1050.8 | 1051.5 | 1051.5 | 1050.8 | 1050.0 | 1049.1 | 1048.3 | 1048.5 |
| 157.5° | 1079.4 | 1080.1 | 1080.8 | 1081.5 | 1082.2 | 1082.2 | 1081.6 | 1081.0 | 1080.4 | 1079.7 | 1079.8 |
| 160° | 1097.1 | 1098.1 | 1099.1 | 1100.1 | 1101.1 | 1101.4 | 1100.7 | 1100.1 | 1099.5 | 1098.9 | 1099.1 |
| 162.5° | 1115.5 | 1116.5 | 1117.5 | 1118.6 | 1119.6 | 1119.5 | 1118.4 | 1117.3 | 1116.2 | 1115.1 | 1115.3 |
| 165° | 1139.4 | 1140.2 | 1141.1 | 1141.9 | 1142.6 | 1142.5 | 1141.2 | 1140.0 | 1138.8 | 1137.6 | 1138.0 |
| 167.5° | 1156.5 | 1157.8 | 1159.0 | 1160.3 | 1161.6 | 1161.6 | 1160.4 | 1159.1 | 1157.9 | 1156.7 | 1156.7 |
| 170° | 1166.1 | 1167.5 | 1168.9 | 1170.4 | 1171.8 | 1172.0 | 1170.7 | 1169.5 | 1168.2 | 1167.0 | 1166.8 |
| 172.5° | 1174.2 | 1175.6 | 1177.0 | 1178.5 | 1180.0 | 1180.0 | 1178.5 | 1177.2 | 1175.8 | 1174.4 | 1174.3 |
| 175° | 1182.6 | 1184.1 | 1185.5 | 1186.9 | 1188.4 | 1188.4 | 1186.9 | 1185.5 | 1184.1 | 1182.6 | 1182.9 |
| 177.5° | 1187.1 | 1188.4 | 1189.7 | 1191.0 | 1192.3 | 1192.4 | 1191.3 | 1190.1 | 1189.0 | 1187.8 | 1187.8 |
| 180° | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 |



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 |
| 2.5° | 1364.5 | 1358.4 | 1354.0 | 1350.5 | 1340.8 | 1335.1 | 1330.8 | 1324.6 | 1317.6 | 1310.2 | 1301.0 |
| 5° | 1441.9 | 1423.3 | 1409.6 | 1388.9 | 1369.1 | 1352.7 | 1335.7 | 1320.3 | 1301.7 | 1281.5 | 1266.7 |
| 7.5° | 1523.3 | 1495.6 | 1460.2 | 1429.3 | 1394.7 | 1364.6 | 1337.7 | 1310.0 | 1281.4 | 1253.5 | 1228.0 |
| 10° | 1575.0 | 1539.4 | 1500.0 | 1453.4 | 1409.6 | 1370.7 | 1334.6 | 1299.6 | 1265.6 | 1231.6 | 1202.6 |
| 12.5° | 1630.6 | 1586.3 | 1528.0 | 1473.6 | 1424.5 | 1372.5 | 1328.9 | 1285.9 | 1245.0 | 1209.3 | 1175.4 |
| 15° | 1705.3 | 1641.2 | 1573.9 | 1501.1 | 1436.5 | 1375.7 | 1316.0 | 1261.8 | 1215.8 | 1168.6 | 1135.8 |
| 17.5° | 1751.3 | 1672.0 | 1595.0 | 1518.9 | 1440.6 | 1364.0 | 1299.6 | 1237.0 | 1179.4 | 1132.7 | 1091.2 |
| 20° | 1781.5 | 1702.6 | 1606.8 | 1530.7 | 1437.6 | 1358.7 | 1284.2 | 1214.7 | 1154.4 | 1104.6 | 1061.8 |
| 22.5° | 1807.8 | 1716.7 | 1620.8 | 1520.6 | 1427.9 | 1344.3 | 1262.7 | 1192.8 | 1131.2 | 1078.7 | 1037.8 |
| 25° | 1822.0 | 1717.4 | 1613.4 | 1513.7 | 1408.5 | 1309.4 | 1235.5 | 1153.3 | 1087.6 | 1032.3 | 988.5 |
| 27.5° | 1823.5 | 1711.7 | 1593.9 | 1483.2 | 1374.7 | 1282.4 | 1189.1 | 1115.6 | 1047.4 | 989.0 | 946.9 |
| 30° | 1818.7 | 1702.1 | 1575.6 | 1455.6 | 1346.6 | 1246.4 | 1165.4 | 1085.4 | 1015.9 | 957.8 | 914.0 |
| 32.5° | 1803.4 | 1681.9 | 1551.9 | 1425.0 | 1312.0 | 1214.0 | 1130.4 | 1054.3 | 986.5 | 929.3 | 883.4 |
| 35° | 1759.0 | 1639.1 | 1500.6 | 1368.6 | 1253.0 | 1153.9 | 1078.3 | 1001.1 | 933.2 | 878.9 | 834.6 |
| 37.5° | 1689.7 | 1581.3 | 1440.4 | 1303.9 | 1190.3 | 1090.8 | 1015.9 | 946.1 | 884.9 | 829.8 | 784.3 |
| 40° | 1629.2 | 1533.9 | 1392.7 | 1259.6 | 1136.9 | 1042.2 | 972.1 | 908.0 | 847.2 | 795.2 | 751.9 |
| 42.5° | 1559.6 | 1476.5 | 1346.2 | 1205.2 | 1087.0 | 991.8 | 923.4 | 865.9 | 808.7 | 760.6 | 717.3 |
| 45° | 1435.4 | 1380.6 | 1257.9 | 1127.6 | 1004.4 | 914.6 | 849.4 | 799.0 | 750.8 | 703.7 | 667.6 |
| 47.5° | 1292.5 | 1265.4 | 1162.1 | 1038.3 | 921.4 | 832.8 | 776.3 | 729.8 | 687.5 | 647.6 | 615.8 |
| 50° | 1196.6 | 1183.4 | 1094.2 | 974.8 | 863.1 | 779.8 | 722.9 | 682.9 | 646.7 | 611.7 | 581.6 |
| 52.5° | 1101.9 | 1101.5 | 1021.0 | 911.7 | 808.3 | 728.2 | 671.6 | 634.3 | 602.9 | 574.5 | 547.4 |
| 55° | 957.3 | 972.6 | 909.7 | 812.1 | 719.6 | 647.3 | 596.4 | 563.0 | 541.1 | 517.5 | 497.3 |
| 57.5° | 824.4 | 849.9 | 797.9 | 712.0 | 634.9 | 568.2 | 523.9 | 498.8 | 475.5 | 461.2 | 446.5 |
| 60° | 737.7 | 761.8 | 721.3 | 649.0 | 576.2 | 519.2 | 477.0 | 454.6 | 434.3 | 424.5 | 414.0 |
| 62.5° | 660.6 | 682.1 | 652.0 | 585.0 | 521.8 | 467.0 | 431.4 | 409.9 | 396.2 | 385.4 | 378.5 |
| 65° | 550.4 | 568.5 | 542.7 | 494.0 | 439.7 | 395.9 | 366.9 | 349.9 | 336.8 | 332.4 | 324.7 |
| 67.5° | 444.9 | 461.4 | 447.4 | 406.0 | 362.5 | 329.4 | 306.7 | 290.3 | 282.6 | 278.8 | 273.3 |
| 70° | 382.2 | 398.7 | 383.9 | 347.8 | 314.3 | 286.5 | 265.1 | 255.7 | 247.6 | 245.9 | 238.2 |
| 72.5° | 329.2 | 340.4 | 325.7 | 297.4 | 268.8 | 245.3 | 228.7 | 219.0 | 214.7 | 211.8 | 207.6 |
| 75° | 247.0 | 256.8 | 247.0 | 225.1 | 204.8 | 188.4 | 174.1 | 170.3 | 165.4 | 163.7 | 161.0 |
| 77.5° | 174.8 | 183.3 | 175.8 | 162.1 | 146.9 | 134.3 | 126.6 | 121.7 | 120.6 | 117.7 | 119.1 |
| 80° | 133.6 | 139.1 | 132.0 | 122.7 | 110.6 | 101.9 | 96.4 | 93.6 | 90.4 | 89.3 | 91.4 |
| 82.5° | 95.9 | 98.4 | 94.7 | 88.5 | 79.5 | 73.8 | 70.1 | 66.9 | 66.2 | 66.5 | 66.5 |
| 85° | 49.8 | 49.3 | 48.7 | 43.3 | 40.6 | 36.7 | 34.5 | 34.0 | 33.4 | 34.5 | 35.6 |
| 87.5° | 20.0 | 20.1 | 19.4 | 17.3 | 15.4 | 13.7 | 12.8 | 12.0 | 12.8 | 13.7 | 14.6 |
| 90° | 17.0 | 15.4 | 13.7 | 11.7 | 9.5 | 7.3 | 5.0 | 2.8 | 5.0 | 7.3 | 9.5 |
| 92.5° | 34.1 | 33.0 | 31.8 | 30.0 | 27.4 | 24.9 | 22.3 | 19.7 | 22.3 | 24.9 | 27.4 |
| 95° | 67.1 | 65.7 | 64.2 | 62.6 | 60.8 | 58.9 | 57.0 | 55.2 | 57.0 | 58.9 | 60.8 |
| 97.5° | 107.3 | 105.6 | 103.9 | 102.3 | 100.8 | 99.4 | 97.9 | 96.5 | 97.9 | 99.4 | 100.8 |
| 100° | 137.1 | 135.3 | 133.5 | 132.1 | 131.3 | 130.5 | 129.7 | 128.9 | 129.7 | 130.5 | 131.3 |
| 102.5° | 168.4 | 166.7 | 165.0 | 164.1 | 163.7 | 163.3 | 163.0 | 162.7 | 163.0 | 163.3 | 163.7 |
| 105° | 217.4 | 216.6 | 215.8 | 215.2 | 215.1 | 214.8 | 214.7 | 214.4 | 214.7 | 214.8 | 215.1 |
| 107.5° | 270.1 | 270.1 | 269.9 | 269.7 | 269.5 | 269.3 | 269.0 | 268.7 | 269.0 | 269.3 | 269.5 |
| 110° | 306.9 | 307.1 | 307.3 | 307.2 | 306.8 | 306.3 | 305.9 | 305.5 | 305.9 | 306.3 | 306.8 |



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 343.3 | 343.6 | 344.0 | 344.2 | 344.1 | 344.0 | 344.0 | 343.8 | 344.0 | 344.0 | 344.1 |
| 115° | 400.3 | 400.7 | 401.1 | 401.2 | 401.2 | 401.2 | 401.2 | 401.2 | 401.2 | 401.2 | 401.2 |
| 117.5° | 455.4 | 455.7 | 456.0 | 456.1 | 455.9 | 455.7 | 455.6 | 455.4 | 455.6 | 455.7 | 455.9 |
| 120° | 493.6 | 494.2 | 494.9 | 494.7 | 493.9 | 493.1 | 492.3 | 491.5 | 492.3 | 493.1 | 493.9 |
| 122.5° | 529.8 | 530.0 | 530.4 | 530.4 | 530.0 | 529.7 | 529.3 | 529.0 | 529.3 | 529.7 | 530.0 |
| 125° | 583.9 | 584.2 | 584.3 | 584.4 | 584.4 | 584.4 | 584.4 | 584.4 | 584.4 | 584.4 | 584.4 |
| 127.5° | 636.6 | 636.9 | 637.3 | 637.2 | 636.5 | 635.9 | 635.3 | 634.7 | 635.3 | 635.9 | 636.5 |
| 130° | 672.8 | 672.8 | 672.8 | 672.5 | 671.8 | 671.2 | 670.7 | 670.0 | 670.7 | 671.2 | 671.8 |
| 132.5° | 707.7 | 707.9 | 708.1 | 707.9 | 707.4 | 707.0 | 706.5 | 706.1 | 706.5 | 707.0 | 707.4 |
| 135° | 759.3 | 759.3 | 759.3 | 758.7 | 757.5 | 756.2 | 755.0 | 753.8 | 755.0 | 756.2 | 757.5 |
| 137.5° | 809.1 | 808.7 | 808.4 | 807.9 | 807.4 | 806.8 | 806.3 | 805.6 | 806.3 | 806.8 | 807.4 |
| 140° | 842.1 | 842.1 | 842.1 | 841.9 | 841.5 | 841.1 | 840.7 | 840.3 | 840.7 | 841.1 | 841.5 |
| 142.5° | 873.4 | 873.5 | 873.7 | 873.6 | 873.1 | 872.7 | 872.4 | 872.0 | 872.4 | 872.7 | 873.1 |
| 145° | 920.0 | 919.7 | 919.6 | 919.0 | 918.2 | 917.4 | 916.6 | 915.8 | 916.6 | 917.4 | 918.2 |
| 147.5° | 963.2 | 963.4 | 963.5 | 963.1 | 962.1 | 961.2 | 960.2 | 959.2 | 960.2 | 961.2 | 962.1 |
| 150° | 989.4 | 989.4 | 989.4 | 989.0 | 988.2 | 987.4 | 986.5 | 985.7 | 986.5 | 987.4 | 988.2 |
| 152.5° | 1013.4 | 1013.2 | 1013.0 | 1012.7 | 1012.2 | 1011.7 | 1011.2 | 1010.7 | 1011.2 | 1011.7 | 1012.2 |
| 155° | 1048.7 | 1048.9 | 1049.1 | 1049.2 | 1049.2 | 1049.2 | 1049.2 | 1049.2 | 1049.2 | 1049.2 | 1049.2 |
| 157.5° | 1079.8 | 1079.9 | 1079.9 | 1080.1 | 1080.5 | 1080.9 | 1081.2 | 1081.6 | 1081.2 | 1080.9 | 1080.5 |
| 160° | 1099.3 | 1099.5 | 1099.7 | 1099.9 | 1100.1 | 1100.3 | 1100.6 | 1100.7 | 1100.6 | 1100.3 | 1100.1 |
| 162.5° | 1115.6 | 1115.7 | 1115.9 | 1116.3 | 1116.8 | 1117.4 | 1117.8 | 1118.4 | 1117.8 | 1117.4 | 1116.8 |
| 165° | 1138.4 | 1138.8 | 1139.2 | 1139.7 | 1140.3 | 1140.9 | 1141.5 | 1142.2 | 1141.5 | 1140.9 | 1140.3 |
| 167.5° | 1156.6 | 1156.6 | 1156.5 | 1157.0 | 1157.8 | 1158.6 | 1159.5 | 1160.4 | 1159.5 | 1158.6 | 1157.8 |
| 170° | 1166.6 | 1166.4 | 1166.2 | 1166.6 | 1167.6 | 1168.6 | 1169.7 | 1170.7 | 1169.7 | 1168.6 | 1167.6 |
| 172.5° | 1174.3 | 1174.3 | 1174.2 | 1174.6 | 1175.4 | 1176.3 | 1177.2 | 1178.1 | 1177.2 | 1176.3 | 1175.4 |
| 175° | 1183.0 | 1183.3 | 1183.4 | 1184.1 | 1185.1 | 1186.1 | 1187.2 | 1188.2 | 1187.2 | 1186.1 | 1185.1 |
| 177.5° | 1187.8 | 1187.8 | 1187.8 | 1188.2 | 1189.1 | 1189.9 | 1190.6 | 1191.5 | 1190.6 | 1189.9 | 1189.1 |
| 180° | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 |



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 |
| 2.5° | 1296.6 | 1292.7 | 1287.0 | 1279.1 | 1272.5 | 1265.5 | 1263.8 | 1261.1 | 1266.4 | 1261.9 | 1260.7 |
| 5° | 1254.1 | 1242.6 | 1227.8 | 1210.9 | 1200.9 | 1186.8 | 1184.0 | 1178.5 | 1173.1 | 1172.5 | 1167.0 |
| 7.5° | 1209.1 | 1192.2 | 1172.8 | 1155.6 | 1139.6 | 1123.9 | 1113.8 | 1111.6 | 1103.5 | 1098.8 | 1093.3 |
| 10° | 1180.2 | 1159.4 | 1136.9 | 1120.5 | 1101.8 | 1085.4 | 1074.0 | 1067.4 | 1061.8 | 1055.8 | 1050.4 |
| 12.5° | 1146.0 | 1123.9 | 1105.3 | 1087.6 | 1065.5 | 1053.0 | 1034.0 | 1022.6 | 1021.6 | 1021.7 | 1007.4 |
| 15° | 1106.2 | 1084.3 | 1055.8 | 1030.6 | 1018.6 | 994.5 | 984.1 | 971.0 | 962.7 | 954.5 | 948.0 |
| 17.5° | 1060.8 | 1033.5 | 1011.3 | 982.4 | 959.3 | 940.2 | 926.5 | 918.6 | 906.3 | 894.6 | 886.2 |
| 20° | 1032.3 | 1003.3 | 979.7 | 949.0 | 923.8 | 900.3 | 888.8 | 877.9 | 868.5 | 858.7 | 849.4 |
| 22.5° | 1003.4 | 973.0 | 944.2 | 914.4 | 891.0 | 866.2 | 855.1 | 840.2 | 831.3 | 825.9 | 816.5 |
| 25° | 957.8 | 925.0 | 892.1 | 863.6 | 839.6 | 817.6 | 802.9 | 791.3 | 781.5 | 777.1 | 771.1 |
| 27.5° | 908.3 | 875.7 | 843.9 | 811.6 | 784.3 | 768.3 | 756.5 | 747.8 | 742.2 | 736.3 | 733.6 |
| 30° | 876.8 | 842.8 | 808.9 | 778.7 | 753.5 | 737.7 | 726.7 | 720.7 | 716.3 | 713.6 | 710.8 |
| 32.5° | 844.8 | 811.3 | 775.5 | 748.1 | 725.5 | 711.4 | 703.1 | 697.0 | 694.8 | 693.9 | 692.8 |
| 35° | 793.5 | 759.5 | 726.7 | 702.1 | 680.7 | 675.3 | 668.1 | 664.8 | 663.8 | 667.6 | 669.2 |
| 37.5° | 743.9 | 712.4 | 682.1 | 658.2 | 644.3 | 636.3 | 633.8 | 634.0 | 637.9 | 641.3 | 645.2 |
| 40° | 711.9 | 681.3 | 652.8 | 632.0 | 618.9 | 613.9 | 612.8 | 615.5 | 620.0 | 623.8 | 628.1 |
| 42.5° | 680.8 | 650.6 | 624.7 | 605.2 | 596.0 | 591.5 | 592.2 | 594.9 | 601.1 | 605.8 | 612.4 |
| 45° | 632.6 | 607.4 | 582.2 | 566.3 | 558.6 | 559.7 | 559.7 | 564.6 | 570.6 | 577.7 | 584.9 |
| 47.5° | 587.1 | 561.7 | 541.0 | 527.6 | 523.6 | 522.7 | 525.8 | 532.2 | 540.8 | 549.6 | 559.6 |
| 50° | 556.4 | 532.3 | 514.2 | 502.2 | 497.8 | 499.5 | 503.8 | 509.8 | 520.2 | 531.2 | 541.6 |
| 52.5° | 525.3 | 503.4 | 486.6 | 475.5 | 472.4 | 475.4 | 479.7 | 489.3 | 498.4 | 510.2 | 522.8 |
| 55° | 477.0 | 458.4 | 445.2 | 437.0 | 435.9 | 437.6 | 442.5 | 452.9 | 466.0 | 480.9 | 492.9 |
| 57.5° | 428.9 | 413.4 | 401.3 | 395.6 | 396.2 | 397.7 | 405.8 | 418.2 | 432.2 | 448.0 | 463.5 |
| 60° | 396.5 | 382.2 | 372.4 | 368.0 | 368.5 | 371.9 | 381.7 | 393.2 | 410.7 | 426.0 | 442.5 |
| 62.5° | 365.8 | 353.3 | 343.9 | 340.0 | 339.2 | 346.4 | 355.8 | 367.8 | 385.3 | 402.4 | 420.2 |
| 65° | 316.6 | 306.7 | 299.0 | 296.8 | 298.5 | 304.0 | 316.0 | 331.8 | 346.7 | 364.7 | 383.3 |
| 67.5° | 268.3 | 260.2 | 255.0 | 256.0 | 257.9 | 266.0 | 276.2 | 289.8 | 306.6 | 325.3 | 343.7 |
| 70° | 237.7 | 230.0 | 225.6 | 226.2 | 229.5 | 239.3 | 248.1 | 261.7 | 279.9 | 299.0 | 314.3 |
| 72.5° | 206.1 | 201.1 | 197.2 | 199.5 | 202.7 | 209.5 | 220.5 | 234.2 | 250.1 | 267.9 | 284.1 |
| 75° | 158.3 | 158.3 | 156.1 | 157.7 | 162.6 | 169.2 | 177.4 | 191.7 | 207.6 | 221.8 | 235.0 |
| 77.5° | 117.4 | 116.2 | 117.6 | 119.6 | 122.5 | 130.2 | 139.7 | 149.8 | 161.8 | 176.0 | 186.9 |
| 80° | 89.8 | 90.4 | 93.1 | 96.4 | 97.5 | 103.5 | 113.4 | 122.7 | 132.0 | 144.0 | 154.4 |
| 82.5° | 67.5 | 68.0 | 69.5 | 73.6 | 74.7 | 81.2 | 87.5 | 96.8 | 105.3 | 113.4 | 122.0 |
| 85° | 36.7 | 36.7 | 39.5 | 41.0 | 43.8 | 48.2 | 52.0 | 57.5 | 65.2 | 70.7 | 78.8 |
| 87.5° | 16.4 | 16.8 | 18.9 | 20.0 | 21.7 | 24.2 | 25.3 | 30.4 | 32.4 | 34.9 | 38.9 |
| 90° | 11.7 | 13.7 | 15.4 | 17.0 | 18.6 | 20.3 | 21.5 | 22.7 | 23.9 | 25.2 | 26.0 |
| 92.5° | 30.0 | 31.8 | 33.0 | 34.1 | 35.3 | 36.4 | 37.2 | 37.9 | 38.7 | 39.4 | 39.8 |
| 95° | 62.6 | 64.2 | 65.7 | 67.1 | 68.5 | 69.9 | 70.6 | 71.1 | 71.8 | 72.4 | 72.7 |
| 97.5° | 102.3 | 103.9 | 105.6 | 107.3 | 108.9 | 110.6 | 111.4 | 112.1 | 112.8 | 113.6 | 113.9 |
| 100° | 132.1 | 133.5 | 135.3 | 137.1 | 138.9 | 140.9 | 141.2 | 141.6 | 142.0 | 142.4 | 142.7 |
| 102.5° | 164.1 | 165.0 | 166.7 | 168.4 | 170.1 | 171.7 | 172.3 | 172.9 | 173.5 | 174.0 | 174.4 |
| 105° | 215.2 | 215.8 | 216.6 | 217.4 | 218.2 | 219.0 | 219.7 | 220.3 | 220.9 | 221.5 | 222.1 |
| 107.5° | 269.7 | 269.9 | 270.1 | 270.1 | 270.3 | 270.4 | 271.0 | 271.6 | 272.1 | 272.7 | 273.0 |
| 110° | 307.2 | 307.3 | 307.1 | 306.9 | 306.7 | 306.5 | 306.1 | 305.6 | 305.2 | 304.8 | 304.9 |



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 344.2 | 344.0 | 343.6 | 343.3 | 342.9 | 342.5 | 342.5 | 342.4 | 342.3 | 342.2 | 342.2 |
| 115° | 401.2 | 401.1 | 400.7 | 400.3 | 399.8 | 399.4 | 399.3 | 399.0 | 398.8 | 398.6 | 398.4 |
| 117.5° | 456.1 | 456.0 | 455.7 | 455.4 | 455.1 | 454.9 | 454.2 | 453.4 | 452.7 | 452.0 | 451.5 |
| 120° | 494.7 | 494.9 | 494.2 | 493.6 | 493.0 | 492.4 | 491.4 | 490.4 | 489.3 | 488.3 | 488.0 |
| 122.5° | 530.4 | 530.4 | 530.0 | 529.8 | 529.5 | 529.2 | 528.5 | 527.8 | 527.1 | 526.4 | 525.7 |
| 125° | 584.4 | 584.3 | 584.2 | 583.9 | 583.7 | 583.5 | 583.1 | 582.7 | 582.3 | 581.9 | 581.5 |
| 127.5° | 637.2 | 637.3 | 636.9 | 636.6 | 636.3 | 636.0 | 635.6 | 635.2 | 634.8 | 634.3 | 634.0 |
| 130° | 672.5 | 672.8 | 672.8 | 672.8 | 672.8 | 672.8 | 672.4 | 671.9 | 671.5 | 671.1 | 670.5 |
| 132.5° | 707.9 | 708.1 | 707.9 | 707.7 | 707.6 | 707.4 | 706.9 | 706.5 | 706.2 | 705.8 | 705.4 |
| 135° | 758.7 | 759.3 | 759.3 | 759.3 | 759.3 | 759.3 | 758.9 | 758.5 | 758.0 | 757.6 | 757.2 |
| 137.5° | 807.9 | 808.4 | 808.7 | 809.1 | 809.4 | 809.7 | 809.2 | 808.7 | 808.1 | 807.6 | 807.4 |
| 140° | 841.9 | 842.1 | 842.1 | 842.1 | 842.1 | 842.1 | 841.9 | 841.7 | 841.5 | 841.3 | 841.1 |
| 142.5° | 873.6 | 873.7 | 873.5 | 873.4 | 873.2 | 873.1 | 873.0 | 873.0 | 872.9 | 872.9 | 872.8 |
| 145° | 919.0 | 919.6 | 919.7 | 920.0 | 920.1 | 920.4 | 920.1 | 920.0 | 919.7 | 919.6 | 919.1 |
| 147.5° | 963.1 | 963.5 | 963.4 | 963.2 | 963.1 | 962.9 | 962.7 | 962.6 | 962.4 | 962.2 | 962.0 |
| 150° | 989.0 | 989.4 | 989.4 | 989.4 | 989.4 | 989.4 | 989.4 | 989.4 | 989.4 | 989.4 | 989.3 |
| 152.5° | 1012.7 | 1013.0 | 1013.2 | 1013.4 | 1013.5 | 1013.7 | 1014.2 | 1014.6 | 1015.2 | 1015.7 | 1015.7 |
| 155° | 1049.2 | 1049.1 | 1048.9 | 1048.7 | 1048.5 | 1048.3 | 1049.1 | 1050.0 | 1050.8 | 1051.5 | 1051.5 |
| 157.5° | 1080.1 | 1079.9 | 1079.9 | 1079.8 | 1079.8 | 1079.7 | 1080.4 | 1081.0 | 1081.6 | 1082.2 | 1082.2 |
| 160° | 1099.9 | 1099.7 | 1099.5 | 1099.3 | 1099.1 | 1098.9 | 1099.5 | 1100.1 | 1100.7 | 1101.4 | 1101.1 |
| 162.5° | 1116.3 | 1115.9 | 1115.7 | 1115.6 | 1115.3 | 1115.1 | 1116.2 | 1117.3 | 1118.4 | 1119.5 | 1119.6 |
| 165° | 1139.7 | 1139.2 | 1138.8 | 1138.4 | 1138.0 | 1137.6 | 1138.8 | 1140.0 | 1141.2 | 1142.5 | 1142.6 |
| 167.5° | 1157.0 | 1156.5 | 1156.6 | 1156.6 | 1156.7 | 1156.7 | 1157.9 | 1159.1 | 1160.4 | 1161.6 | 1161.6 |
| 170° | 1166.6 | 1166.2 | 1166.4 | 1166.6 | 1166.8 | 1167.0 | 1168.2 | 1169.5 | 1170.7 | 1172.0 | 1171.8 |
| 172.5° | 1174.6 | 1174.2 | 1174.3 | 1174.3 | 1174.3 | 1174.4 | 1175.8 | 1177.2 | 1178.5 | 1180.0 | 1180.0 |
| 175° | 1184.1 | 1183.4 | 1183.3 | 1183.0 | 1182.9 | 1182.6 | 1184.1 | 1185.5 | 1186.9 | 1188.4 | 1188.4 |
| 177.5° | 1188.2 | 1187.8 | 1187.8 | 1187.8 | 1187.8 | 1187.8 | 1189.0 | 1190.1 | 1191.3 | 1192.4 | 1192.3 |
| 180° | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 |



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 |
| 2.5° | 1259.8 | 1258.9 | 1255.8 | 1255.5 | 1255.8 | 1258.9 | 1259.8 | 1260.7 | 1261.9 | 1266.4 | 1261.1 |
| 5° | 1163.7 | 1161.0 | 1159.4 | 1165.4 | 1159.4 | 1161.0 | 1163.7 | 1167.0 | 1172.5 | 1173.1 | 1178.5 |
| 7.5° | 1091.3 | 1089.2 | 1084.3 | 1082.8 | 1084.3 | 1089.2 | 1091.3 | 1093.3 | 1098.8 | 1103.5 | 1111.6 |
| 10° | 1044.9 | 1042.7 | 1038.3 | 1037.2 | 1038.3 | 1042.7 | 1044.9 | 1050.4 | 1055.8 | 1061.8 | 1067.4 |
| 12.5° | 1000.2 | 995.9 | 995.0 | 996.0 | 995.0 | 995.9 | 1000.2 | 1007.4 | 1021.7 | 1021.6 | 1022.6 |
| 15° | 940.9 | 938.7 | 932.6 | 934.3 | 932.6 | 938.7 | 940.9 | 948.0 | 954.5 | 962.7 | 971.0 |
| 17.5° | 882.3 | 879.7 | 872.4 | 878.8 | 872.4 | 879.7 | 882.3 | 886.2 | 894.6 | 906.3 | 918.6 |
| 20° | 845.6 | 841.1 | 837.3 | 836.8 | 837.3 | 841.1 | 845.6 | 849.4 | 858.7 | 868.5 | 877.9 |
| 22.5° | 810.5 | 806.6 | 806.2 | 802.6 | 806.2 | 806.6 | 810.5 | 816.5 | 825.9 | 831.3 | 840.2 |
| 25° | 766.7 | 762.9 | 761.8 | 759.1 | 761.8 | 762.9 | 766.7 | 771.1 | 777.1 | 781.5 | 791.3 |
| 27.5° | 733.1 | 731.2 | 729.2 | 730.1 | 729.2 | 731.2 | 733.1 | 733.6 | 736.3 | 742.2 | 747.8 |
| 30° | 712.5 | 711.9 | 710.8 | 710.8 | 710.8 | 711.9 | 712.5 | 710.8 | 713.6 | 716.3 | 720.7 |
| 32.5° | 695.4 | 695.3 | 695.9 | 695.9 | 695.9 | 695.3 | 695.4 | 692.8 | 693.9 | 694.8 | 697.0 |
| 35° | 671.4 | 673.0 | 674.1 | 672.5 | 674.1 | 673.0 | 671.4 | 669.2 | 667.6 | 663.8 | 664.8 |
| 37.5° | 649.7 | 651.3 | 652.9 | 654.7 | 652.9 | 651.3 | 649.7 | 645.2 | 641.3 | 637.9 | 634.0 |
| 40° | 633.0 | 636.9 | 638.0 | 640.7 | 638.0 | 636.9 | 633.0 | 628.1 | 623.8 | 620.0 | 615.5 |
| 42.5° | 617.3 | 621.5 | 624.4 | 625.0 | 624.4 | 621.5 | 617.3 | 612.4 | 605.8 | 601.1 | 594.9 |
| 45° | 593.1 | 597.5 | 601.3 | 601.3 | 601.3 | 597.5 | 593.1 | 584.9 | 577.7 | 570.6 | 564.6 |
| 47.5° | 568.0 | 574.3 | 578.2 | 579.2 | 578.2 | 574.3 | 568.0 | 559.6 | 549.6 | 540.8 | 532.2 |
| 50° | 551.0 | 558.6 | 562.4 | 565.1 | 562.4 | 558.6 | 551.0 | 541.6 | 531.2 | 520.2 | 509.8 |
| 52.5° | 534.2 | 541.9 | 547.1 | 548.5 | 547.1 | 541.9 | 534.2 | 522.8 | 510.2 | 498.4 | 489.3 |
| 55° | 505.5 | 516.4 | 522.4 | 524.7 | 522.4 | 516.4 | 505.5 | 492.9 | 480.9 | 466.0 | 452.9 |
| 57.5° | 478.3 | 488.4 | 495.4 | 497.0 | 495.4 | 488.4 | 478.3 | 463.5 | 448.0 | 432.2 | 418.2 |
| 60° | 457.2 | 468.3 | 477.0 | 478.6 | 477.0 | 468.3 | 457.2 | 442.5 | 426.0 | 410.7 | 393.2 |
| 62.5° | 435.8 | 447.2 | 455.1 | 459.4 | 455.1 | 447.2 | 435.8 | 420.2 | 402.4 | 385.3 | 367.8 |
| 65° | 398.7 | 410.2 | 417.9 | 419.5 | 417.9 | 410.2 | 398.7 | 383.3 | 364.7 | 346.7 | 331.8 |
| 67.5° | 358.1 | 369.6 | 374.7 | 377.9 | 374.7 | 369.6 | 358.1 | 343.7 | 325.3 | 306.6 | 289.8 |
| 70° | 329.7 | 339.0 | 344.4 | 347.2 | 344.4 | 339.0 | 329.7 | 314.3 | 299.0 | 279.9 | 261.7 |
| 72.5° | 297.2 | 307.0 | 313.4 | 313.9 | 313.4 | 307.0 | 297.2 | 284.1 | 267.9 | 250.1 | 234.2 |
| 75° | 247.6 | 256.3 | 259.6 | 259.6 | 259.6 | 256.3 | 247.6 | 235.0 | 221.8 | 207.6 | 191.7 |
| 77.5° | 195.9 | 200.4 | 204.6 | 205.5 | 204.6 | 200.4 | 195.9 | 186.9 | 176.0 | 161.8 | 149.8 |
| 80° | 162.6 | 165.4 | 168.7 | 168.7 | 168.7 | 165.4 | 162.6 | 154.4 | 144.0 | 132.0 | 122.7 |
| 82.5° | 128.5 | 130.8 | 134.0 | 133.6 | 134.0 | 130.8 | 128.5 | 122.0 | 113.4 | 105.3 | 96.8 |
| 85° | 77.8 | 82.7 | 82.1 | 81.0 | 82.1 | 82.7 | 77.8 | 78.8 | 70.7 | 65.2 | 57.5 |
| 87.5° | 40.3 | 40.9 | 42.2 | 43.2 | 42.2 | 40.9 | 40.3 | 38.9 | 34.9 | 32.4 | 30.4 |
| 90° | 26.4 | 26.8 | 27.2 | 27.6 | 27.2 | 26.8 | 26.4 | 26.0 | 25.2 | 23.9 | 22.7 |
| 92.5° | 40.2 | 40.4 | 40.6 | 40.9 | 40.6 | 40.4 | 40.2 | 39.8 | 39.4 | 38.7 | 37.9 |
| 95° | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.4 | 71.8 | 71.1 |
| 97.5° | 113.9 | 113.9 | 113.9 | 113.9 | 113.9 | 113.9 | 113.9 | 113.9 | 113.6 | 112.8 | 112.1 |
| 100° | 142.7 | 142.7 | 142.7 | 142.7 | 142.7 | 142.7 | 142.7 | 142.7 | 142.4 | 142.0 | 141.6 |
| 102.5° | 174.6 | 174.8 | 174.9 | 175.1 | 174.9 | 174.8 | 174.6 | 174.4 | 174.0 | 173.5 | 172.9 |
| 105° | 222.8 | 223.3 | 223.9 | 224.6 | 223.9 | 223.3 | 222.8 | 222.1 | 221.5 | 220.9 | 220.3 |
| 107.5° | 272.9 | 272.9 | 272.8 | 272.8 | 272.8 | 272.9 | 272.9 | 273.0 | 272.7 | 272.1 | 271.6 |
| 110° | 305.5 | 306.2 | 306.8 | 307.4 | 306.8 | 306.2 | 305.5 | 304.9 | 304.8 | 305.2 | 305.6 |



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 342.4 | 342.5 | 342.6 | 342.8 | 342.6 | 342.5 | 342.4 | 342.2 | 342.2 | 342.3 | 342.4 |
| 115° | 398.2 | 398.0 | 397.8 | 397.6 | 397.8 | 398.0 | 398.2 | 398.4 | 398.6 | 398.8 | 399.0 |
| 117.5° | 451.1 | 450.7 | 450.3 | 449.9 | 450.3 | 450.7 | 451.1 | 451.5 | 452.0 | 452.7 | 453.4 |
| 120° | 488.4 | 488.8 | 489.3 | 489.6 | 489.3 | 488.8 | 488.4 | 488.0 | 488.3 | 489.3 | 490.4 |
| 122.5° | 525.0 | 524.3 | 523.5 | 522.8 | 523.5 | 524.3 | 525.0 | 525.7 | 526.4 | 527.1 | 527.8 |
| 125° | 581.1 | 580.7 | 580.2 | 579.8 | 580.2 | 580.7 | 581.1 | 581.5 | 581.9 | 582.3 | 582.7 |
| 127.5° | 633.7 | 633.3 | 633.0 | 632.6 | 633.0 | 633.3 | 633.7 | 634.0 | 634.3 | 634.8 | 635.2 |
| 130° | 669.7 | 668.9 | 668.0 | 667.3 | 668.0 | 668.9 | 669.7 | 670.5 | 671.1 | 671.5 | 671.9 |
| 132.5° | 705.0 | 704.7 | 704.4 | 704.1 | 704.4 | 704.7 | 705.0 | 705.4 | 705.8 | 706.2 | 706.5 |
| 135° | 756.5 | 755.9 | 755.3 | 754.7 | 755.3 | 755.9 | 756.5 | 757.2 | 757.6 | 758.0 | 758.5 |
| 137.5° | 807.6 | 807.6 | 807.8 | 807.9 | 807.8 | 807.6 | 807.6 | 807.4 | 807.6 | 808.1 | 808.7 |
| 140° | 840.9 | 840.7 | 840.5 | 840.3 | 840.5 | 840.7 | 840.9 | 841.1 | 841.3 | 841.5 | 841.7 |
| 142.5° | 872.8 | 872.7 | 872.7 | 872.7 | 872.7 | 872.7 | 872.8 | 872.8 | 872.9 | 872.9 | 873.0 |
| 145° | 918.5 | 917.9 | 917.3 | 916.7 | 917.3 | 917.9 | 918.5 | 919.1 | 919.6 | 919.7 | 920.0 |
| 147.5° | 961.9 | 961.6 | 961.4 | 961.2 | 961.4 | 961.6 | 961.9 | 962.0 | 962.2 | 962.4 | 962.6 |
| 150° | 989.0 | 988.9 | 988.6 | 988.5 | 988.6 | 988.9 | 989.0 | 989.3 | 989.4 | 989.4 | 989.4 |
| 152.5° | 1015.1 | 1014.5 | 1014.0 | 1013.5 | 1014.0 | 1014.5 | 1015.1 | 1015.7 | 1015.7 | 1015.2 | 1014.6 |
| 155° | 1050.8 | 1050.0 | 1049.1 | 1048.3 | 1049.1 | 1050.0 | 1050.8 | 1051.5 | 1051.5 | 1050.8 | 1050.0 |
| 157.5° | 1081.5 | 1080.8 | 1080.1 | 1079.4 | 1080.1 | 1080.8 | 1081.5 | 1082.2 | 1082.2 | 1081.6 | 1081.0 |
| 160° | 1100.1 | 1099.1 | 1098.1 | 1097.1 | 1098.1 | 1099.1 | 1100.1 | 1101.1 | 1101.4 | 1100.7 | 1100.1 |
| 162.5° | 1118.6 | 1117.5 | 1116.5 | 1115.5 | 1116.5 | 1117.5 | 1118.6 | 1119.6 | 1119.5 | 1118.4 | 1117.3 |
| 165° | 1141.9 | 1141.1 | 1140.2 | 1139.4 | 1140.2 | 1141.1 | 1141.9 | 1142.6 | 1142.5 | 1141.2 | 1140.0 |
| 167.5° | 1160.3 | 1159.0 | 1157.8 | 1156.5 | 1157.8 | 1159.0 | 1160.3 | 1161.6 | 1161.6 | 1160.4 | 1159.1 |
| 170° | 1170.4 | 1168.9 | 1167.5 | 1166.1 | 1167.5 | 1168.9 | 1170.4 | 1171.8 | 1172.0 | 1170.7 | 1169.5 |
| 172.5° | 1178.5 | 1177.0 | 1175.6 | 1174.2 | 1175.6 | 1177.0 | 1178.5 | 1180.0 | 1180.0 | 1178.5 | 1177.2 |
| 175° | 1186.9 | 1185.5 | 1184.1 | 1182.6 | 1184.1 | 1185.5 | 1186.9 | 1188.4 | 1188.4 | 1186.9 | 1185.5 |
| 177.5° | 1191.0 | 1189.7 | 1188.4 | 1187.1 | 1188.4 | 1189.7 | 1191.0 | 1192.3 | 1192.4 | 1191.3 | 1190.1 |
| 180° | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 |



TEST NUMBER: P332662-927

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CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 |
| 2.5° | 1263.8 | 1265.5 | 1272.5 | 1279.1 | 1287.0 | 1292.7 | 1296.6 | 1301.0 | 1310.2 | 1317.6 | 1324.6 |
| 5° | 1184.0 | 1186.8 | 1200.9 | 1210.9 | 1227.8 | 1242.6 | 1254.1 | 1266.7 | 1281.5 | 1301.7 | 1320.3 |
| 7.5° | 1113.8 | 1123.9 | 1139.6 | 1155.6 | 1172.8 | 1192.2 | 1209.1 | 1228.0 | 1253.5 | 1281.4 | 1310.0 |
| 10° | 1074.0 | 1085.4 | 1101.8 | 1120.5 | 1136.9 | 1159.4 | 1180.2 | 1202.6 | 1231.6 | 1265.6 | 1299.6 |
| 12.5° | 1034.0 | 1053.0 | 1065.5 | 1087.6 | 1105.3 | 1123.9 | 1146.0 | 1175.4 | 1209.3 | 1245.0 | 1285.9 |
| 15° | 984.1 | 994.5 | 1018.6 | 1030.6 | 1055.8 | 1084.3 | 1106.2 | 1135.8 | 1168.6 | 1215.8 | 1261.8 |
| 17.5° | 926.5 | 940.2 | 959.3 | 982.4 | 1011.3 | 1033.5 | 1060.8 | 1091.2 | 1132.7 | 1179.4 | 1237.0 |
| 20° | 888.8 | 900.3 | 923.8 | 949.0 | 979.7 | 1003.3 | 1032.3 | 1061.8 | 1104.6 | 1154.4 | 1214.7 |
| 22.5° | 855.1 | 866.2 | 891.0 | 914.4 | 944.2 | 973.0 | 1003.4 | 1037.8 | 1078.7 | 1131.2 | 1192.8 |
| 25° | 802.9 | 817.6 | 839.6 | 863.6 | 892.1 | 925.0 | 957.8 | 988.5 | 1032.3 | 1087.6 | 1153.3 |
| 27.5° | 756.5 | 768.3 | 784.3 | 811.6 | 843.9 | 875.7 | 908.3 | 946.9 | 989.0 | 1047.4 | 1115.6 |
| 30° | 726.7 | 737.7 | 753.5 | 778.7 | 808.9 | 842.8 | 876.8 | 914.0 | 957.8 | 1015.9 | 1085.4 |
| 32.5° | 703.1 | 711.4 | 725.5 | 748.1 | 775.5 | 811.3 | 844.8 | 883.4 | 929.3 | 986.5 | 1054.3 |
| 35° | 668.1 | 675.3 | 680.7 | 702.1 | 726.7 | 759.5 | 793.5 | 834.6 | 878.9 | 933.2 | 1001.1 |
| 37.5° | 633.8 | 636.3 | 644.3 | 658.2 | 682.1 | 712.4 | 743.9 | 784.3 | 829.8 | 884.9 | 946.1 |
| 40° | 612.8 | 613.9 | 618.9 | 632.0 | 652.8 | 681.3 | 711.9 | 751.9 | 795.2 | 847.2 | 908.0 |
| 42.5° | 592.2 | 591.5 | 596.0 | 605.2 | 624.7 | 650.6 | 680.8 | 717.3 | 760.6 | 808.7 | 865.9 |
| 45° | 559.7 | 559.7 | 558.6 | 566.3 | 582.2 | 607.4 | 632.6 | 667.6 | 703.7 | 750.8 | 799.0 |
| 47.5° | 525.8 | 522.7 | 523.6 | 527.6 | 541.0 | 561.7 | 587.1 | 615.8 | 647.6 | 687.5 | 729.8 |
| 50° | 503.8 | 499.5 | 497.8 | 502.2 | 514.2 | 532.3 | 556.4 | 581.6 | 611.7 | 646.7 | 682.9 |
| 52.5° | 479.7 | 475.4 | 472.4 | 475.5 | 486.6 | 503.4 | 525.3 | 547.4 | 574.5 | 602.9 | 634.3 |
| 55° | 442.5 | 437.6 | 435.9 | 437.0 | 445.2 | 458.4 | 477.0 | 497.3 | 517.5 | 541.1 | 563.0 |
| 57.5° | 405.8 | 397.7 | 396.2 | 395.6 | 401.3 | 413.4 | 428.9 | 446.5 | 461.2 | 475.5 | 498.8 |
| 60° | 381.7 | 371.9 | 368.5 | 368.0 | 372.4 | 382.2 | 396.5 | 414.0 | 424.5 | 434.3 | 454.6 |
| 62.5° | 355.8 | 346.4 | 339.2 | 340.0 | 343.9 | 353.3 | 365.8 | 378.5 | 385.4 | 396.2 | 409.9 |
| 65° | 316.0 | 304.0 | 298.5 | 296.8 | 299.0 | 306.7 | 316.6 | 324.7 | 332.4 | 336.8 | 349.9 |
| 67.5° | 276.2 | 266.0 | 257.9 | 256.0 | 255.0 | 260.2 | 268.3 | 273.3 | 278.8 | 282.6 | 290.3 |
| 70° | 248.1 | 239.3 | 229.5 | 226.2 | 225.6 | 230.0 | 237.7 | 238.2 | 245.9 | 247.6 | 255.7 |
| 72.5° | 220.5 | 209.5 | 202.7 | 199.5 | 197.2 | 201.1 | 206.1 | 207.6 | 211.8 | 214.7 | 219.0 |
| 75° | 177.4 | 169.2 | 162.6 | 157.7 | 156.1 | 158.3 | 158.3 | 161.0 | 163.7 | 165.4 | 170.3 |
| 77.5° | 139.7 | 130.2 | 122.5 | 119.6 | 117.6 | 116.2 | 117.4 | 119.1 | 117.7 | 120.6 | 121.7 |
| 80° | 113.4 | 103.5 | 97.5 | 96.4 | 93.1 | 90.4 | 89.8 | 91.4 | 89.3 | 90.4 | 93.6 |
| 82.5° | 87.5 | 81.2 | 74.7 | 73.6 | 69.5 | 68.0 | 67.5 | 66.5 | 66.5 | 66.2 | 66.9 |
| 85° | 52.0 | 48.2 | 43.8 | 41.0 | 39.5 | 36.7 | 36.7 | 35.6 | 34.5 | 33.4 | 34.0 |
| 87.5° | 25.3 | 24.2 | 21.7 | 20.0 | 18.9 | 16.8 | 16.4 | 14.6 | 13.7 | 12.8 | 12.0 |
| 90° | 21.5 | 20.3 | 18.6 | 17.0 | 15.4 | 13.7 | 11.7 | 9.5 | 7.3 | 5.0 | 2.8 |
| 92.5° | 37.2 | 36.4 | 35.3 | 34.1 | 33.0 | 31.8 | 30.0 | 27.4 | 24.9 | 22.3 | 19.7 |
| 95° | 70.6 | 69.9 | 68.5 | 67.1 | 65.7 | 64.2 | 62.6 | 60.8 | 58.9 | 57.0 | 55.2 |
| 97.5° | 111.4 | 110.6 | 108.9 | 107.3 | 105.6 | 103.9 | 102.3 | 100.8 | 99.4 | 97.9 | 96.5 |
| 100° | 141.2 | 140.9 | 138.9 | 137.1 | 135.3 | 133.5 | 132.1 | 131.3 | 130.5 | 129.7 | 128.9 |
| 102.5° | 172.3 | 171.7 | 170.1 | 168.4 | 166.7 | 165.0 | 164.1 | 163.7 | 163.3 | 163.0 | 162.7 |
| 105° | 219.7 | 219.0 | 218.2 | 217.4 | 216.6 | 215.8 | 215.2 | 215.1 | 214.8 | 214.7 | 214.4 |
| 107.5° | 271.0 | 270.4 | 270.3 | 270.1 | 270.1 | 269.9 | 269.7 | 269.5 | 269.3 | 269.0 | 268.7 |
| 110° | 306.1 | 306.5 | 306.7 | 306.9 | 307.1 | 307.3 | 307.2 | 306.8 | 306.3 | 305.9 | 305.5 |



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 342.5 | 342.5 | 342.9 | 343.3 | 343.6 | 344.0 | 344.2 | 344.1 | 344.0 | 344.0 | 343.8 |
| 115° | 399.3 | 399.4 | 399.8 | 400.3 | 400.7 | 401.1 | 401.2 | 401.2 | 401.2 | 401.2 | 401.2 |
| 117.5° | 454.2 | 454.9 | 455.1 | 455.4 | 455.7 | 456.0 | 456.1 | 455.9 | 455.7 | 455.6 | 455.4 |
| 120° | 491.4 | 492.4 | 493.0 | 493.6 | 494.2 | 494.9 | 494.7 | 493.9 | 493.1 | 492.3 | 491.5 |
| 122.5° | 528.5 | 529.2 | 529.5 | 529.8 | 530.0 | 530.4 | 530.4 | 530.0 | 529.7 | 529.3 | 529.0 |
| 125° | 583.1 | 583.5 | 583.7 | 583.9 | 584.2 | 584.3 | 584.4 | 584.4 | 584.4 | 584.4 | 584.4 |
| 127.5° | 635.6 | 636.0 | 636.3 | 636.6 | 636.9 | 637.3 | 637.2 | 636.5 | 635.9 | 635.3 | 634.7 |
| 130° | 672.4 | 672.8 | 672.8 | 672.8 | 672.8 | 672.8 | 672.5 | 671.8 | 671.2 | 670.7 | 670.0 |
| 132.5° | 706.9 | 707.4 | 707.6 | 707.7 | 707.9 | 708.1 | 707.9 | 707.4 | 707.0 | 706.5 | 706.1 |
| 135° | 758.9 | 759.3 | 759.3 | 759.3 | 759.3 | 759.3 | 758.7 | 757.5 | 756.2 | 755.0 | 753.8 |
| 137.5° | 809.2 | 809.7 | 809.4 | 809.1 | 808.7 | 808.4 | 807.9 | 807.4 | 806.8 | 806.3 | 805.6 |
| 140° | 841.9 | 842.1 | 842.1 | 842.1 | 842.1 | 842.1 | 841.9 | 841.5 | 841.1 | 840.7 | 840.3 |
| 142.5° | 873.0 | 873.1 | 873.2 | 873.4 | 873.5 | 873.7 | 873.6 | 873.1 | 872.7 | 872.4 | 872.0 |
| 145° | 920.1 | 920.4 | 920.1 | 920.0 | 919.7 | 919.6 | 919.0 | 918.2 | 917.4 | 916.6 | 915.8 |
| 147.5° | 962.7 | 962.9 | 963.1 | 963.2 | 963.4 | 963.5 | 963.1 | 962.1 | 961.2 | 960.2 | 959.2 |
| 150° | 989.4 | 989.4 | 989.4 | 989.4 | 989.4 | 989.4 | 989.0 | 988.2 | 987.4 | 986.5 | 985.7 |
| 152.5° | 1014.2 | 1013.7 | 1013.5 | 1013.4 | 1013.2 | 1013.0 | 1012.7 | 1012.2 | 1011.7 | 1011.2 | 1010.7 |
| 155° | 1049.1 | 1048.3 | 1048.5 | 1048.7 | 1048.9 | 1049.1 | 1049.2 | 1049.2 | 1049.2 | 1049.2 | 1049.2 |
| 157.5° | 1080.4 | 1079.7 | 1079.8 | 1079.8 | 1079.9 | 1079.9 | 1080.1 | 1080.5 | 1080.9 | 1081.2 | 1081.6 |
| 160° | 1099.5 | 1098.9 | 1099.1 | 1099.3 | 1099.5 | 1099.7 | 1099.9 | 1100.1 | 1100.3 | 1100.6 | 1100.7 |
| 162.5° | 1116.2 | 1115.1 | 1115.3 | 1115.6 | 1115.7 | 1115.9 | 1116.3 | 1116.8 | 1117.4 | 1117.8 | 1118.4 |
| 165° | 1138.8 | 1137.6 | 1138.0 | 1138.4 | 1138.8 | 1139.2 | 1139.7 | 1140.3 | 1140.9 | 1141.5 | 1142.2 |
| 167.5° | 1157.9 | 1156.7 | 1156.7 | 1156.6 | 1156.6 | 1156.5 | 1157.0 | 1157.8 | 1158.6 | 1159.5 | 1160.4 |
| 170° | 1168.2 | 1167.0 | 1166.8 | 1166.6 | 1166.4 | 1166.2 | 1166.6 | 1167.6 | 1168.6 | 1169.7 | 1170.7 |
| 172.5° | 1175.8 | 1174.4 | 1174.3 | 1174.3 | 1174.3 | 1174.2 | 1174.6 | 1175.4 | 1176.3 | 1177.2 | 1178.1 |
| 175° | 1184.1 | 1182.6 | 1182.9 | 1183.0 | 1183.3 | 1183.4 | 1184.1 | 1185.1 | 1186.1 | 1187.2 | 1188.2 |
| 177.5° | 1189.0 | 1187.8 | 1187.8 | 1187.8 | 1187.8 | 1187.8 | 1188.2 | 1189.1 | 1189.9 | 1190.6 | 1191.5 |
| 180° | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 |



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 |
| 2.5° | 1330.8 | 1335.1 | 1340.8 | 1350.5 | 1354.0 | 1358.4 | 1364.5 | 1364.1 | 1365.8 | 1372.4 | 1386.4 |
| 5° | 1335.7 | 1352.7 | 1369.1 | 1388.9 | 1409.6 | 1423.3 | 1441.9 | 1453.4 | 1464.9 | 1479.7 | 1504.9 |
| 7.5° | 1337.7 | 1364.6 | 1394.7 | 1429.3 | 1460.2 | 1495.6 | 1523.3 | 1549.4 | 1573.0 | 1604.2 | 1634.2 |
| 10° | 1334.6 | 1370.7 | 1409.6 | 1453.4 | 1500.0 | 1539.4 | 1575.0 | 1615.6 | 1650.0 | 1687.8 | 1721.8 |
| 12.5° | 1328.9 | 1372.5 | 1424.5 | 1473.6 | 1528.0 | 1586.3 | 1630.6 | 1671.6 | 1717.5 | 1761.0 | 1813.4 |
| 15° | 1316.0 | 1375.7 | 1436.5 | 1501.1 | 1573.9 | 1641.2 | 1705.3 | 1758.5 | 1807.8 | 1873.0 | 1941.4 |
| 17.5° | 1299.6 | 1364.0 | 1440.6 | 1518.9 | 1595.0 | 1672.0 | 1751.3 | 1831.1 | 1893.3 | 1974.3 | 2027.8 |
| 20° | 1284.2 | 1358.7 | 1437.6 | 1530.7 | 1606.8 | 1702.6 | 1781.5 | 1858.7 | 1944.1 | 2024.7 | 2088.7 |
| 22.5° | 1262.7 | 1344.3 | 1427.9 | 1520.6 | 1620.8 | 1716.7 | 1807.8 | 1891.6 | 1977.0 | 2064.5 | 2142.1 |
| 25° | 1235.5 | 1309.4 | 1408.5 | 1513.7 | 1613.4 | 1717.4 | 1822.0 | 1927.1 | 2019.1 | 2111.7 | 2184.0 |
| 27.5° | 1189.1 | 1282.4 | 1374.7 | 1483.2 | 1593.9 | 1711.7 | 1823.5 | 1933.6 | 2030.0 | 2106.1 | 2150.9 |
| 30° | 1165.4 | 1246.4 | 1346.6 | 1455.6 | 1575.6 | 1702.1 | 1818.7 | 1926.6 | 2016.4 | 2077.2 | 2095.2 |
| 32.5° | 1130.4 | 1214.0 | 1312.0 | 1425.0 | 1551.9 | 1681.9 | 1803.4 | 1905.1 | 1980.1 | 2011.9 | 1990.1 |
| 35° | 1078.3 | 1153.9 | 1253.0 | 1368.6 | 1500.6 | 1639.1 | 1759.0 | 1845.0 | 1883.3 | 1853.2 | 1778.2 |
| 37.5° | 1015.9 | 1090.8 | 1190.3 | 1303.9 | 1440.4 | 1581.3 | 1689.7 | 1751.6 | 1738.8 | 1664.0 | 1552.1 |
| 40° | 972.1 | 1042.2 | 1136.9 | 1259.6 | 1392.7 | 1533.9 | 1629.2 | 1662.6 | 1627.6 | 1520.3 | 1401.4 |
| 42.5° | 923.4 | 991.8 | 1087.0 | 1205.2 | 1346.2 | 1476.5 | 1559.6 | 1562.3 | 1503.6 | 1375.2 | 1255.9 |
| 45° | 849.4 | 914.6 | 1004.4 | 1127.6 | 1257.9 | 1380.6 | 1435.4 | 1408.5 | 1300.1 | 1176.3 | 1056.4 |
| 47.5° | 776.3 | 832.8 | 921.4 | 1038.3 | 1162.1 | 1265.4 | 1292.5 | 1244.2 | 1128.7 | 1008.5 | 897.4 |
| 50° | 722.9 | 779.8 | 863.1 | 974.8 | 1094.2 | 1183.4 | 1196.6 | 1132.5 | 1019.1 | 898.1 | 811.0 |
| 52.5° | 671.6 | 728.2 | 808.3 | 911.7 | 1021.0 | 1101.5 | 1101.9 | 1027.8 | 914.9 | 807.0 | 726.0 |
| 55° | 596.4 | 647.3 | 719.6 | 812.1 | 909.7 | 972.6 | 957.3 | 880.6 | 782.6 | 689.0 | 618.3 |
| 57.5° | 523.9 | 568.2 | 634.9 | 712.0 | 797.9 | 849.9 | 824.4 | 750.6 | 663.1 | 583.7 | 530.1 |
| 60° | 477.0 | 519.2 | 576.2 | 649.0 | 721.3 | 761.8 | 737.7 | 670.8 | 590.3 | 526.2 | 479.7 |
| 62.5° | 431.4 | 467.0 | 521.8 | 585.0 | 652.0 | 682.1 | 660.6 | 594.6 | 525.1 | 467.1 | 429.4 |
| 65° | 366.9 | 395.9 | 439.7 | 494.0 | 542.7 | 568.5 | 550.4 | 489.0 | 435.9 | 394.3 | 364.2 |
| 67.5° | 306.7 | 329.4 | 362.5 | 406.0 | 447.4 | 461.4 | 444.9 | 402.2 | 357.2 | 323.8 | 302.6 |
| 70° | 265.1 | 286.5 | 314.3 | 347.8 | 383.9 | 398.7 | 382.2 | 348.3 | 311.6 | 280.9 | 260.2 |
| 72.5° | 228.7 | 245.3 | 268.8 | 297.4 | 325.7 | 340.4 | 329.2 | 296.6 | 265.6 | 242.8 | 225.1 |
| 75° | 174.1 | 188.4 | 204.8 | 225.1 | 247.0 | 256.8 | 247.0 | 224.5 | 203.2 | 186.2 | 173.6 |
| 77.5° | 126.6 | 134.3 | 146.9 | 162.1 | 175.8 | 183.3 | 174.8 | 159.5 | 146.6 | 134.9 | 128.7 |
| 80° | 96.4 | 101.9 | 110.6 | 122.7 | 132.0 | 139.1 | 133.6 | 121.0 | 110.6 | 103.0 | 100.2 |
| 82.5° | 70.1 | 73.8 | 79.5 | 88.5 | 94.7 | 98.4 | 95.9 | 86.8 | 82.5 | 75.8 | 73.0 |
| 85° | 34.5 | 36.7 | 40.6 | 43.3 | 48.7 | 49.3 | 49.8 | 46.0 | 42.1 | 40.6 | 38.3 |
| 87.5° | 12.8 | 13.7 | 15.4 | 17.3 | 19.4 | 20.1 | 20.0 | 20.4 | 18.9 | 18.8 | 17.3 |
| 90° | 5.0 | 7.3 | 9.5 | 11.7 | 13.7 | 15.4 | 17.0 | 18.6 | 20.3 | 21.5 | 22.7 |
| 92.5° | 22.3 | 24.9 | 27.4 | 30.0 | 31.8 | 33.0 | 34.1 | 35.3 | 36.4 | 37.2 | 37.9 |
| 95° | 57.0 | 58.9 | 60.8 | 62.6 | 64.2 | 65.7 | 67.1 | 68.5 | 69.9 | 70.6 | 71.1 |
| 97.5° | 97.9 | 99.4 | 100.8 | 102.3 | 103.9 | 105.6 | 107.3 | 108.9 | 110.6 | 111.4 | 112.1 |
| 100° | 129.7 | 130.5 | 131.3 | 132.1 | 133.5 | 135.3 | 137.1 | 138.9 | 140.9 | 141.2 | 141.6 |
| 102.5° | 163.0 | 163.3 | 163.7 | 164.1 | 165.0 | 166.7 | 168.4 | 170.1 | 171.7 | 172.3 | 172.9 |
| 105° | 214.7 | 214.8 | 215.1 | 215.2 | 215.8 | 216.6 | 217.4 | 218.2 | 219.0 | 219.7 | 220.3 |
| 107.5° | 269.0 | 269.3 | 269.5 | 269.7 | 269.9 | 270.1 | 270.1 | 270.3 | 270.4 | 271.0 | 271.6 |
| 110° | 305.9 | 306.3 | 306.8 | 307.2 | 307.3 | 307.1 | 306.9 | 306.7 | 306.5 | 306.1 | 305.6 |



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 344.0 | 344.0 | 344.1 | 344.2 | 344.0 | 343.6 | 343.3 | 342.9 | 342.5 | 342.5 | 342.4 |
| 115° | 401.2 | 401.2 | 401.2 | 401.2 | 401.1 | 400.7 | 400.3 | 399.8 | 399.4 | 399.3 | 399.0 |
| 117.5° | 455.6 | 455.7 | 455.9 | 456.1 | 456.0 | 455.7 | 455.4 | 455.1 | 454.9 | 454.2 | 453.4 |
| 120° | 492.3 | 493.1 | 493.9 | 494.7 | 494.9 | 494.2 | 493.6 | 493.0 | 492.4 | 491.4 | 490.4 |
| 122.5° | 529.3 | 529.7 | 530.0 | 530.4 | 530.4 | 530.0 | 529.8 | 529.5 | 529.2 | 528.5 | 527.8 |
| 125° | 584.4 | 584.4 | 584.4 | 584.4 | 584.3 | 584.2 | 583.9 | 583.7 | 583.5 | 583.1 | 582.7 |
| 127.5° | 635.3 | 635.9 | 636.5 | 637.2 | 637.3 | 636.9 | 636.6 | 636.3 | 636.0 | 635.6 | 635.2 |
| 130° | 670.7 | 671.2 | 671.8 | 672.5 | 672.8 | 672.8 | 672.8 | 672.8 | 672.8 | 672.4 | 671.9 |
| 132.5° | 706.5 | 707.0 | 707.4 | 707.9 | 708.1 | 707.9 | 707.7 | 707.6 | 707.4 | 706.9 | 706.5 |
| 135° | 755.0 | 756.2 | 757.5 | 758.7 | 759.3 | 759.3 | 759.3 | 759.3 | 759.3 | 758.9 | 758.5 |
| 137.5° | 806.3 | 806.8 | 807.4 | 807.9 | 808.4 | 808.7 | 809.1 | 809.4 | 809.7 | 809.2 | 808.7 |
| 140° | 840.7 | 841.1 | 841.5 | 841.9 | 842.1 | 842.1 | 842.1 | 842.1 | 842.1 | 841.9 | 841.7 |
| 142.5° | 872.4 | 872.7 | 873.1 | 873.6 | 873.7 | 873.5 | 873.4 | 873.2 | 873.1 | 873.0 | 873.0 |
| 145° | 916.6 | 917.4 | 918.2 | 919.0 | 919.6 | 919.7 | 920.0 | 920.1 | 920.4 | 920.1 | 920.0 |
| 147.5° | 960.2 | 961.2 | 962.1 | 963.1 | 963.5 | 963.4 | 963.2 | 963.1 | 962.9 | 962.7 | 962.6 |
| 150° | 986.5 | 987.4 | 988.2 | 989.0 | 989.4 | 989.4 | 989.4 | 989.4 | 989.4 | 989.4 | 989.4 |
| 152.5° | 1011.2 | 1011.7 | 1012.2 | 1012.7 | 1013.0 | 1013.2 | 1013.4 | 1013.5 | 1013.7 | 1014.2 | 1014.6 |
| 155° | 1049.2 | 1049.2 | 1049.2 | 1049.2 | 1049.1 | 1048.9 | 1048.7 | 1048.5 | 1048.3 | 1049.1 | 1050.0 |
| 157.5° | 1081.2 | 1080.9 | 1080.5 | 1080.1 | 1079.9 | 1079.9 | 1079.8 | 1079.8 | 1079.7 | 1080.4 | 1081.0 |
| 160° | 1100.6 | 1100.3 | 1100.1 | 1099.9 | 1099.7 | 1099.5 | 1099.3 | 1099.1 | 1098.9 | 1099.5 | 1100.1 |
| 162.5° | 1117.8 | 1117.4 | 1116.8 | 1116.3 | 1115.9 | 1115.7 | 1115.6 | 1115.3 | 1115.1 | 1116.2 | 1117.3 |
| 165° | 1141.5 | 1140.9 | 1140.3 | 1139.7 | 1139.2 | 1138.8 | 1138.4 | 1138.0 | 1137.6 | 1138.8 | 1140.0 |
| 167.5° | 1159.5 | 1158.6 | 1157.8 | 1157.0 | 1156.5 | 1156.6 | 1156.6 | 1156.7 | 1156.7 | 1157.9 | 1159.1 |
| 170° | 1169.7 | 1168.6 | 1167.6 | 1166.6 | 1166.2 | 1166.4 | 1166.6 | 1166.8 | 1167.0 | 1168.2 | 1169.5 |
| 172.5° | 1177.2 | 1176.3 | 1175.4 | 1174.6 | 1174.2 | 1174.3 | 1174.3 | 1174.3 | 1174.4 | 1175.8 | 1177.2 |
| 175° | 1187.2 | 1186.1 | 1185.1 | 1184.1 | 1183.4 | 1183.3 | 1183.0 | 1182.9 | 1182.6 | 1184.1 | 1185.5 |
| 177.5° | 1190.6 | 1189.9 | 1189.1 | 1188.2 | 1187.8 | 1187.8 | 1187.8 | 1187.8 | 1187.8 | 1189.0 | 1190.1 |
| 180° | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 |



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 | 1322.0 |
| 2.5° | 1393.4 | 1394.3 | 1398.2 | 1401.3 | 1402.2 | 1406.6 | 1407.0 |
| 5° | 1515.8 | 1525.2 | 1543.3 | 1544.9 | 1547.6 | 1561.9 | 1550.9 |
| 7.5° | 1659.4 | 1683.0 | 1698.8 | 1712.7 | 1717.8 | 1723.9 | 1722.7 |
| 10° | 1751.4 | 1786.4 | 1804.0 | 1831.8 | 1833.0 | 1840.1 | 1835.7 |
| 12.5° | 1843.8 | 1884.5 | 1916.5 | 1921.7 | 1945.1 | 1948.7 | 1954.9 |
| 15° | 1974.8 | 2018.1 | 2062.4 | 2078.3 | 2110.6 | 2118.3 | 2130.3 |
| 17.5° | 2097.9 | 2142.1 | 2173.3 | 2214.3 | 2227.6 | 2245.4 | 2233.2 |
| 20° | 2165.4 | 2213.6 | 2253.0 | 2285.3 | 2299.0 | 2308.8 | 2307.8 |
| 22.5° | 2206.1 | 2254.7 | 2286.7 | 2311.1 | 2323.9 | 2328.1 | 2327.9 |
| 25° | 2231.7 | 2259.5 | 2269.4 | 2278.7 | 2264.5 | 2259.5 | 2261.8 |
| 27.5° | 2160.7 | 2153.5 | 2127.7 | 2094.0 | 2058.9 | 2031.1 | 2015.9 |
| 30° | 2063.0 | 2020.2 | 1981.3 | 1913.4 | 1878.4 | 1857.6 | 1839.0 |
| 32.5° | 1924.5 | 1856.8 | 1782.0 | 1719.8 | 1680.0 | 1649.1 | 1644.5 |
| 35° | 1687.3 | 1585.4 | 1494.0 | 1417.8 | 1378.4 | 1345.0 | 1337.4 |
| 37.5° | 1434.5 | 1328.6 | 1246.3 | 1179.3 | 1136.9 | 1113.3 | 1091.3 |
| 40° | 1266.7 | 1175.8 | 1094.7 | 1037.8 | 1005.4 | 988.5 | 974.8 |
| 42.5° | 1137.4 | 1054.4 | 973.8 | 930.4 | 901.2 | 890.8 | 882.8 |
| 45° | 958.9 | 881.7 | 825.9 | 793.0 | 776.0 | 758.5 | 750.3 |
| 47.5° | 815.9 | 753.1 | 716.3 | 688.4 | 670.2 | 659.8 | 654.5 |
| 50° | 734.9 | 683.4 | 650.6 | 629.2 | 612.8 | 604.6 | 600.2 |
| 52.5° | 663.1 | 620.8 | 593.2 | 576.2 | 565.1 | 559.0 | 557.3 |
| 55° | 571.2 | 538.8 | 521.3 | 506.6 | 498.4 | 492.9 | 490.7 |
| 57.5° | 496.5 | 471.7 | 457.4 | 445.2 | 442.0 | 437.4 | 435.9 |
| 60° | 447.4 | 428.3 | 416.2 | 408.0 | 405.3 | 399.8 | 400.8 |
| 62.5° | 404.0 | 388.4 | 378.1 | 373.4 | 369.8 | 365.2 | 366.7 |
| 65° | 341.7 | 330.3 | 324.7 | 320.4 | 316.0 | 313.2 | 315.4 |
| 67.5° | 286.8 | 278.8 | 271.4 | 268.9 | 266.7 | 266.3 | 264.0 |
| 70° | 250.8 | 244.2 | 237.7 | 236.1 | 236.1 | 233.9 | 233.3 |
| 72.5° | 216.2 | 211.4 | 207.0 | 205.8 | 204.1 | 204.9 | 202.6 |
| 75° | 167.0 | 163.2 | 161.5 | 159.9 | 159.4 | 159.4 | 157.7 |
| 77.5° | 123.4 | 120.6 | 118.0 | 118.0 | 116.0 | 115.3 | 115.0 |
| 80° | 93.6 | 92.5 | 90.4 | 90.4 | 89.3 | 89.8 | 88.7 |
| 82.5° | 70.4 | 68.9 | 68.4 | 67.6 | 66.1 | 66.1 | 65.0 |
| 85° | 37.8 | 36.1 | 35.6 | 34.0 | 32.9 | 34.0 | 32.9 |
| 87.5° | 17.9 | 17.7 | 17.4 | 16.6 | 16.3 | 16.4 | 15.1 |
| 90° | 23.9 | 25.2 | 26.0 | 26.4 | 26.8 | 27.2 | 27.6 |
| 92.5° | 38.7 | 39.4 | 39.8 | 40.2 | 40.4 | 40.6 | 40.9 |
| 95° | 71.8 | 72.4 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| 97.5° | 112.8 | 113.6 | 113.9 | 113.9 | 113.9 | 113.9 | 113.9 |
| 100° | 142.0 | 142.4 | 142.7 | 142.7 | 142.7 | 142.7 | 142.7 |
| 102.5° | 173.5 | 174.0 | 174.4 | 174.6 | 174.8 | 174.9 | 175.1 |
| 105° | 220.9 | 221.5 | 222.1 | 222.8 | 223.3 | 223.9 | 224.6 |
| 107.5° | 272.1 | 272.7 | 273.0 | 272.9 | 272.9 | 272.8 | 272.8 |
| 110° | 305.2 | 304.8 | 304.9 | 305.5 | 306.2 | 306.8 | 307.4 |



TEST NUMBER: P332662-927

CATALOG NUMBER: SA4XXDIP-C1020D1205U927-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 342.3 | 342.2 | 342.2 | 342.4 | 342.5 | 342.6 | 342.8 |
| 115° | 398.8 | 398.6 | 398.4 | 398.2 | 398.0 | 397.8 | 397.6 |
| 117.5° | 452.7 | 452.0 | 451.5 | 451.1 | 450.7 | 450.3 | 449.9 |
| 120° | 489.3 | 488.3 | 488.0 | 488.4 | 488.8 | 489.3 | 489.6 |
| 122.5° | 527.1 | 526.4 | 525.7 | 525.0 | 524.3 | 523.5 | 522.8 |
| 125° | 582.3 | 581.9 | 581.5 | 581.1 | 580.7 | 580.2 | 579.8 |
| 127.5° | 634.8 | 634.3 | 634.0 | 633.7 | 633.3 | 633.0 | 632.6 |
| 130° | 671.5 | 671.1 | 670.5 | 669.7 | 668.9 | 668.0 | 667.3 |
| 132.5° | 706.2 | 705.8 | 705.4 | 705.0 | 704.7 | 704.4 | 704.1 |
| 135° | 758.0 | 757.6 | 757.2 | 756.5 | 755.9 | 755.3 | 754.7 |
| 137.5° | 808.1 | 807.6 | 807.4 | 807.6 | 807.6 | 807.8 | 807.9 |
| 140° | 841.5 | 841.3 | 841.1 | 840.9 | 840.7 | 840.5 | 840.3 |
| 142.5° | 872.9 | 872.9 | 872.8 | 872.8 | 872.7 | 872.7 | 872.7 |
| 145° | 919.7 | 919.6 | 919.1 | 918.5 | 917.9 | 917.3 | 916.7 |
| 147.5° | 962.4 | 962.2 | 962.0 | 961.9 | 961.6 | 961.4 | 961.2 |
| 150° | 989.4 | 989.4 | 989.3 | 989.0 | 988.9 | 988.6 | 988.5 |
| 152.5° | 1015.2 | 1015.7 | 1015.7 | 1015.1 | 1014.5 | 1014.0 | 1013.5 |
| 155° | 1050.8 | 1051.5 | 1051.5 | 1050.8 | 1050.0 | 1049.1 | 1048.3 |
| 157.5° | 1081.6 | 1082.2 | 1082.2 | 1081.5 | 1080.8 | 1080.1 | 1079.4 |
| 160° | 1100.7 | 1101.4 | 1101.1 | 1100.1 | 1099.1 | 1098.1 | 1097.1 |
| 162.5° | 1118.4 | 1119.5 | 1119.6 | 1118.6 | 1117.5 | 1116.5 | 1115.5 |
| 165° | 1141.2 | 1142.5 | 1142.6 | 1141.9 | 1141.1 | 1140.2 | 1139.4 |
| 167.5° | 1160.4 | 1161.6 | 1161.6 | 1160.3 | 1159.0 | 1157.8 | 1156.5 |
| 170° | 1170.7 | 1172.0 | 1171.8 | 1170.4 | 1168.9 | 1167.5 | 1166.1 |
| 172.5° | 1178.5 | 1180.0 | 1180.0 | 1178.5 | 1177.0 | 1175.6 | 1174.2 |
| 175° | 1186.9 | 1188.4 | 1188.4 | 1186.9 | 1185.5 | 1184.1 | 1182.6 |
| 177.5° | 1191.3 | 1192.4 | 1192.3 | 1191.0 | 1189.7 | 1188.4 | 1187.1 |
| 180° | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 | 1190.0 |

(END OF REPORT)