

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: P332636-935

Luminaire Tested: **SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332636-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-18,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 590 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

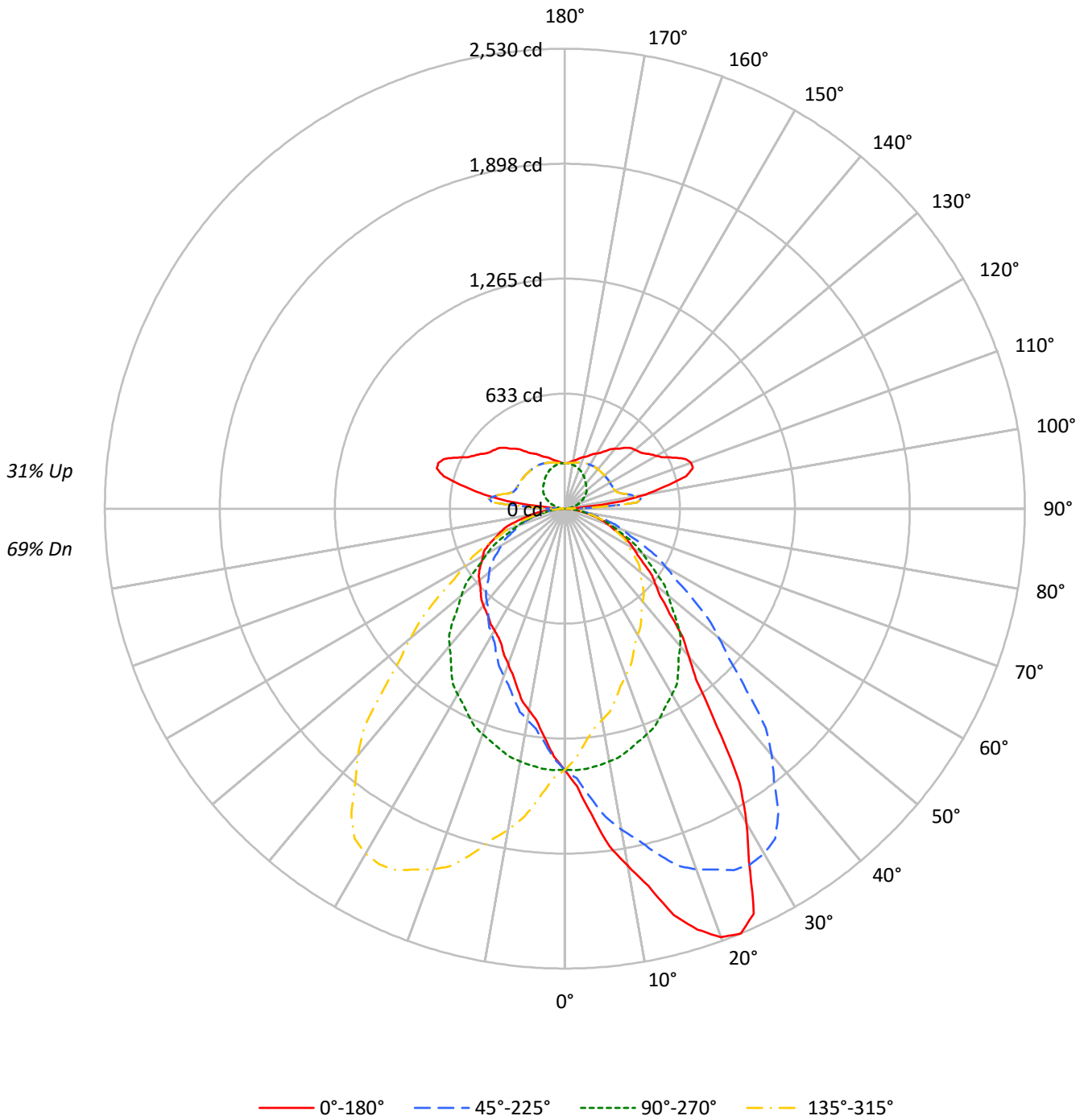
Lumens per Lamp: N/A
Luminaire Lumens: 5783.9 lumens
Efficiency: N/A
Efficacy: 118.5 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 48.8
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: P332636-935
CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 112 | 112 | 112 | 112 | 105 | 105 | 105 | 105 | 94 | 94 | 94 | 83 | 83 | 83 | 73 | 73 | 73 | 69 | | | | |
| 1 | 102 | 98 | 94 | 90 | 96 | 93 | 89 | 86 | 83 | 80 | 78 | 74 | 72 | 70 | 65 | 64 | 62 | 58 | | | | |
| 2 | 93 | 86 | 80 | 74 | 88 | 81 | 76 | 71 | 73 | 69 | 65 | 65 | 62 | 59 | 58 | 55 | 53 | 49 | | | | |
| 3 | 85 | 76 | 68 | 62 | 80 | 72 | 65 | 60 | 65 | 59 | 55 | 58 | 54 | 50 | 51 | 48 | 46 | 42 | | | | |
| 4 | 78 | 67 | 59 | 53 | 74 | 64 | 57 | 51 | 58 | 52 | 47 | 52 | 47 | 43 | 46 | 43 | 39 | 36 | | | | |
| 5 | 72 | 60 | 52 | 46 | 68 | 57 | 50 | 44 | 52 | 46 | 41 | 47 | 42 | 38 | 42 | 38 | 35 | 32 | | | | |
| 6 | 67 | 54 | 46 | 40 | 63 | 52 | 44 | 39 | 47 | 41 | 36 | 42 | 37 | 33 | 38 | 34 | 31 | 28 | | | | |
| 7 | 62 | 49 | 41 | 35 | 58 | 47 | 40 | 34 | 43 | 36 | 32 | 39 | 33 | 30 | 35 | 31 | 27 | 25 | | | | |
| 8 | 57 | 45 | 37 | 32 | 54 | 43 | 36 | 31 | 39 | 33 | 29 | 35 | 30 | 27 | 32 | 28 | 25 | 22 | | | | |
| 9 | 54 | 41 | 33 | 28 | 51 | 39 | 32 | 27 | 36 | 30 | 26 | 33 | 28 | 24 | 30 | 25 | 22 | 20 | | | | |
| 10 | 50 | 38 | 30 | 26 | 47 | 36 | 29 | 25 | 33 | 27 | 23 | 30 | 25 | 22 | 27 | 23 | 20 | 18 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 11599 | 11599 | 11599 | 11599 |
| 5° | 13661 | 11629 | 10264 | 11629 |
| 10° | 16356 | 11579 | 9241 | 11579 |
| 15° | 19351 | 11462 | 8487 | 11462 |
| 20° | 21549 | 11342 | 7814 | 11342 |
| 25° | 21896 | 11166 | 7349 | 11166 |
| 30° | 18632 | 10997 | 7202 | 10997 |
| 35° | 14325 | 10723 | 7203 | 10723 |
| 40° | 11166 | 10400 | 7339 | 10400 |
| 45° | 9310 | 9914 | 7462 | 9914 |
| 50° | 8194 | 9323 | 7714 | 9323 |
| 55° | 7506 | 8612 | 8025 | 8612 |
| 60° | 7035 | 7976 | 8399 | 7976 |
| 65° | 6550 | 7265 | 8709 | 7265 |
| 70° | 5986 | 6559 | 8908 | 6559 |
| 75° | 5346 | 5774 | 8799 | 5774 |
| 80° | 4482 | 4733 | 8522 | 4733 |
| 85° | 3307 | 3418 | 8160 | 3418 |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 140.0 | 2.4 |
| 10°-20° | 431.5 | 7.5 |
| 20°-30° | 684.2 | 11.8 |
| 30°-40° | 761.4 | 13.2 |
| 40°-50° | 693.1 | 12.0 |
| 50°-60° | 566.4 | 9.8 |
| 60°-70° | 404.3 | 7.0 |
| 70°-80° | 222.6 | 3.8 |
| 80°-90° | 62.2 | 1.1 |
| 90°-100° | 180.6 | 3.1 |
| 100°-110° | 375.8 | 6.5 |
| 110°-120° | 336.6 | 5.8 |
| 120°-130° | 283.1 | 4.9 |
| 130°-140° | 236.1 | 4.1 |
| 140°-150° | 180.4 | 3.1 |
| 150°-160° | 126.8 | 2.2 |
| 160°-170° | 74.6 | 1.3 |
| 170°-180° | 24.3 | 0.4 |
| 0°-30° | 1255.6 | 21.7 |
| 0°-40° | 2017.1 | 34.9 |
| 0°-60° | 3276.5 | 56.6 |
| 0°-90° | 3965.7 | 68.6 |
| 90°-120° | 893.0 | 15.4 |
| 90°-150° | 1592.6 | 27.5 |
| 90°-180° | 1818.0 | 31.4 |
| 0°-180° | 5783.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1437 | 1437 | 1437 | 1437 | 1437 | |
| 5° | 1686 | 1435 | 1267 | 1435 | 1686 | 171 |
| 15° | 2315 | 1371 | 1016 | 1371 | 2315 | 654 |
| 25° | 2458 | 1254 | 825 | 1254 | 2458 | 1084 |
| 35° | 1454 | 1088 | 731 | 1088 | 1454 | 923 |
| 45° | 816 | 868 | 654 | 868 | 816 | 642 |
| 55° | 533 | 612 | 570 | 612 | 533 | 482 |
| 65° | 343 | 380 | 456 | 380 | 343 | 339 |
| 75° | 171 | 185 | 282 | 185 | 171 | 182 |
| 85° | 36 | 37 | 88 | 37 | 36 | 44 |
| 90° | 10 | 0 | 10 | 0 | 10 | 10 |
| 95° | 120 | 16 | 120 | 16 | 120 | 186 |
| 105° | 691 | 57 | 691 | 57 | 691 | 683 |
| 115° | 664 | 101 | 664 | 101 | 664 | 659 |
| 125° | 529 | 141 | 529 | 141 | 529 | 481 |
| 135° | 474 | 168 | 474 | 168 | 474 | 365 |
| 145° | 386 | 193 | 386 | 193 | 386 | 245 |
| 155° | 324 | 220 | 324 | 220 | 324 | 151 |
| 165° | 282 | 239 | 282 | 239 | 282 | 81 |
| 175° | 254 | 250 | 254 | 250 | 254 | 25 |
| 180° | 250 | 250 | 250 | 250 | 250 | |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1529.2 | 1528.8 | 1524.0 | 1523.0 | 1519.7 | 1515.4 | 1514.5 | 1506.8 | 1491.6 | 1484.5 | 1482.6 |
| 5° | 1685.7 | 1697.5 | 1682.0 | 1679.1 | 1677.3 | 1657.7 | 1647.5 | 1635.6 | 1608.3 | 1592.2 | 1579.7 |
| 7.5° | 1872.3 | 1873.7 | 1867.0 | 1861.5 | 1846.3 | 1829.2 | 1803.5 | 1776.2 | 1743.5 | 1709.6 | 1683.9 |
| 10° | 1995.2 | 1999.9 | 1992.2 | 1991.0 | 1960.7 | 1941.6 | 1903.5 | 1871.4 | 1834.4 | 1793.4 | 1755.9 |
| 12.5° | 2124.7 | 2118.0 | 2114.1 | 2088.6 | 2083.0 | 2048.2 | 2004.0 | 1970.9 | 1914.0 | 1866.7 | 1816.8 |
| 15° | 2315.4 | 2302.3 | 2294.0 | 2258.8 | 2241.6 | 2193.4 | 2146.3 | 2110.1 | 2035.7 | 1964.8 | 1911.2 |
| 17.5° | 2427.2 | 2440.4 | 2421.1 | 2406.7 | 2362.1 | 2328.2 | 2280.2 | 2204.0 | 2145.8 | 2057.8 | 1990.2 |
| 20° | 2508.3 | 2509.4 | 2498.7 | 2483.8 | 2448.7 | 2405.9 | 2353.5 | 2270.1 | 2200.5 | 2113.0 | 2020.2 |
| 22.5° | 2530.1 | 2530.4 | 2525.8 | 2511.9 | 2485.4 | 2450.6 | 2397.8 | 2328.2 | 2243.9 | 2148.7 | 2055.9 |
| 25° | 2458.2 | 2455.8 | 2461.3 | 2476.7 | 2466.6 | 2455.8 | 2425.5 | 2373.7 | 2295.2 | 2194.5 | 2094.6 |
| 27.5° | 2191.1 | 2207.5 | 2237.7 | 2275.9 | 2312.6 | 2340.5 | 2348.4 | 2337.8 | 2289.1 | 2206.3 | 2101.6 |
| 30° | 1998.7 | 2019.0 | 2041.6 | 2079.7 | 2153.4 | 2195.7 | 2242.2 | 2277.3 | 2257.6 | 2191.6 | 2094.0 |
| 32.5° | 1787.3 | 1792.3 | 1825.9 | 1869.2 | 1936.8 | 2018.1 | 2091.7 | 2163.0 | 2186.7 | 2152.1 | 2070.6 |
| 35° | 1453.5 | 1461.8 | 1498.1 | 1541.0 | 1623.8 | 1723.1 | 1833.8 | 1932.7 | 2014.2 | 2046.9 | 2005.3 |
| 37.5° | 1186.1 | 1210.0 | 1235.7 | 1281.8 | 1354.6 | 1444.1 | 1559.1 | 1687.0 | 1808.5 | 1889.9 | 1903.8 |
| 40° | 1059.5 | 1074.4 | 1092.8 | 1127.9 | 1189.8 | 1277.9 | 1376.7 | 1523.2 | 1652.3 | 1769.0 | 1807.1 |
| 42.5° | 959.5 | 968.2 | 979.5 | 1011.2 | 1058.4 | 1146.0 | 1236.2 | 1365.0 | 1494.7 | 1634.2 | 1698.1 |
| 45° | 815.5 | 824.4 | 843.4 | 861.9 | 897.6 | 958.3 | 1042.2 | 1148.1 | 1278.5 | 1413.1 | 1530.9 |
| 47.5° | 711.4 | 717.1 | 728.4 | 748.2 | 778.5 | 818.6 | 886.8 | 975.3 | 1096.1 | 1226.8 | 1352.3 |
| 50° | 652.4 | 657.1 | 666.1 | 683.9 | 707.1 | 742.8 | 798.7 | 881.5 | 976.1 | 1107.7 | 1230.9 |
| 52.5° | 605.7 | 607.6 | 614.2 | 626.3 | 644.7 | 674.8 | 720.7 | 789.1 | 877.1 | 994.4 | 1117.1 |
| 55° | 533.3 | 535.7 | 541.7 | 550.6 | 566.6 | 585.7 | 620.8 | 672.0 | 748.8 | 850.6 | 957.1 |
| 57.5° | 473.8 | 475.4 | 480.4 | 483.9 | 497.1 | 512.6 | 539.6 | 576.2 | 634.4 | 720.7 | 815.8 |
| 60° | 435.7 | 434.5 | 440.5 | 443.4 | 452.4 | 465.5 | 486.3 | 521.4 | 572.0 | 641.6 | 729.1 |
| 62.5° | 398.6 | 396.9 | 401.9 | 405.8 | 411.0 | 422.1 | 439.1 | 466.7 | 507.7 | 570.7 | 646.3 |
| 65° | 342.9 | 340.4 | 343.5 | 348.2 | 352.9 | 359.0 | 371.4 | 395.8 | 428.5 | 473.8 | 531.5 |
| 67.5° | 286.9 | 289.4 | 289.9 | 292.2 | 295.0 | 303.1 | 311.7 | 328.9 | 352.0 | 388.2 | 437.1 |
| 70° | 253.6 | 254.2 | 256.6 | 256.6 | 258.3 | 265.4 | 272.6 | 282.8 | 305.3 | 338.7 | 378.6 |
| 72.5° | 220.2 | 222.7 | 221.8 | 223.7 | 225.0 | 229.7 | 235.0 | 244.6 | 263.9 | 288.7 | 322.4 |
| 75° | 171.4 | 173.2 | 173.2 | 173.8 | 175.6 | 177.4 | 181.5 | 188.6 | 202.3 | 220.8 | 244.0 |
| 77.5° | 125.0 | 125.3 | 126.1 | 128.2 | 128.2 | 131.0 | 134.1 | 139.9 | 146.6 | 159.3 | 173.4 |
| 80° | 96.4 | 97.6 | 97.0 | 98.2 | 98.2 | 100.6 | 101.8 | 108.9 | 111.9 | 120.2 | 131.6 |
| 82.5° | 70.7 | 71.9 | 71.8 | 73.4 | 74.4 | 74.9 | 76.5 | 79.4 | 82.4 | 89.7 | 94.4 |
| 85° | 35.7 | 36.9 | 35.7 | 36.9 | 38.7 | 39.3 | 41.1 | 41.7 | 44.1 | 45.8 | 50.0 |
| 87.5° | 12.6 | 13.9 | 14.0 | 14.5 | 15.3 | 15.8 | 16.2 | 15.6 | 17.4 | 18.0 | 19.6 |
| 90° | 10.3 | 10.3 | 10.8 | 10.3 | 9.8 | 9.8 | 9.3 | 8.9 | 8.4 | 8.9 | 7.8 |
| 92.5° | 37.8 | 37.8 | 39.5 | 42.1 | 48.0 | 57.8 | 72.6 | 96.4 | 129.8 | 155.8 | 136.4 |
| 95° | 119.9 | 126.2 | 135.1 | 150.3 | 174.4 | 222.0 | 287.8 | 363.9 | 411.6 | 400.3 | 302.0 |
| 97.5° | 320.3 | 330.5 | 345.3 | 374.9 | 410.1 | 461.4 | 509.5 | 537.7 | 517.1 | 421.6 | 282.8 |
| 100° | 450.4 | 454.3 | 469.1 | 499.0 | 541.7 | 578.1 | 602.2 | 592.4 | 520.6 | 394.9 | 256.4 |
| 102.5° | 563.5 | 566.7 | 582.2 | 603.9 | 630.2 | 645.3 | 638.3 | 589.6 | 491.1 | 361.5 | 238.7 |
| 105° | 691.0 | 694.0 | 700.9 | 704.8 | 703.9 | 683.7 | 635.1 | 550.1 | 437.6 | 322.2 | 223.5 |
| 107.5° | 738.4 | 737.1 | 732.2 | 721.0 | 696.7 | 653.0 | 584.4 | 494.0 | 394.4 | 300.2 | 220.8 |
| 110° | 739.2 | 734.8 | 725.9 | 705.3 | 670.5 | 616.4 | 545.2 | 460.2 | 372.8 | 292.7 | 221.5 |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 716.0 | 708.9 | 696.5 | 671.5 | 631.9 | 577.9 | 510.6 | 435.5 | 360.6 | 289.2 | 223.9 |
| 115° | 663.6 | 659.6 | 643.9 | 614.4 | 575.7 | 528.5 | 471.1 | 410.6 | 349.2 | 287.3 | 228.4 |
| 117.5° | 610.4 | 607.3 | 591.4 | 566.7 | 533.6 | 493.6 | 448.4 | 398.4 | 344.1 | 286.8 | 233.2 |
| 120° | 580.6 | 575.1 | 562.4 | 540.8 | 512.7 | 477.9 | 438.6 | 393.0 | 341.4 | 286.8 | 236.8 |
| 122.5° | 557.0 | 551.6 | 540.8 | 522.3 | 498.6 | 468.0 | 432.3 | 388.2 | 338.2 | 286.5 | 240.3 |
| 125° | 529.4 | 526.5 | 517.2 | 502.9 | 483.3 | 456.2 | 422.4 | 380.1 | 333.0 | 285.9 | 245.6 |
| 127.5° | 513.3 | 510.4 | 502.6 | 489.9 | 470.1 | 444.5 | 410.7 | 370.3 | 326.1 | 284.7 | 249.8 |
| 130° | 503.9 | 501.0 | 493.1 | 480.9 | 460.7 | 434.6 | 401.3 | 362.5 | 321.7 | 284.4 | 253.0 |
| 132.5° | 493.4 | 490.3 | 482.9 | 469.1 | 449.3 | 423.3 | 390.6 | 354.2 | 317.8 | 284.0 | 255.7 |
| 135° | 473.5 | 470.5 | 462.7 | 448.9 | 429.3 | 404.7 | 374.8 | 342.9 | 311.9 | 283.4 | 259.8 |
| 137.5° | 448.9 | 445.4 | 438.9 | 425.3 | 407.0 | 384.8 | 359.6 | 332.5 | 306.8 | 283.3 | 262.3 |
| 140° | 431.3 | 427.3 | 420.4 | 409.7 | 392.4 | 371.8 | 349.7 | 326.6 | 304.0 | 282.9 | 264.2 |
| 142.5° | 412.3 | 409.7 | 403.6 | 393.5 | 378.3 | 360.4 | 341.5 | 321.2 | 301.7 | 282.9 | 265.8 |
| 145° | 386.5 | 384.1 | 379.2 | 370.8 | 358.5 | 344.8 | 330.0 | 313.3 | 297.6 | 281.9 | 266.7 |
| 147.5° | 363.7 | 362.7 | 359.0 | 351.9 | 342.9 | 332.0 | 320.2 | 306.9 | 294.0 | 280.2 | 267.2 |
| 150° | 350.7 | 350.2 | 347.2 | 340.9 | 333.0 | 324.2 | 314.4 | 303.1 | 291.3 | 279.0 | 267.2 |
| 152.5° | 338.9 | 338.4 | 336.7 | 331.4 | 324.8 | 317.5 | 308.4 | 298.7 | 288.1 | 277.0 | 266.4 |
| 155° | 323.6 | 323.6 | 322.2 | 318.3 | 313.3 | 307.5 | 300.1 | 292.2 | 283.4 | 274.1 | 265.2 |
| 157.5° | 310.3 | 310.3 | 309.4 | 306.5 | 302.7 | 298.0 | 291.9 | 285.2 | 278.6 | 271.0 | 264.0 |
| 160° | 302.0 | 302.0 | 301.6 | 298.6 | 295.7 | 291.7 | 286.4 | 280.9 | 275.1 | 268.6 | 262.8 |
| 162.5° | 294.2 | 294.6 | 294.1 | 291.2 | 289.0 | 285.4 | 281.2 | 276.6 | 271.9 | 266.3 | 261.6 |
| 165° | 282.4 | 282.9 | 283.4 | 281.5 | 279.5 | 277.0 | 273.5 | 270.6 | 266.7 | 262.8 | 259.3 |
| 167.5° | 273.1 | 273.5 | 273.5 | 272.3 | 271.3 | 269.8 | 267.1 | 264.8 | 262.0 | 259.2 | 257.0 |
| 170° | 267.2 | 267.2 | 267.7 | 267.2 | 266.2 | 264.8 | 262.8 | 261.3 | 258.8 | 256.8 | 255.4 |
| 172.5° | 261.3 | 262.1 | 262.6 | 262.1 | 261.5 | 260.5 | 259.2 | 258.1 | 256.1 | 254.5 | 253.8 |
| 175° | 254.4 | 255.4 | 256.4 | 255.4 | 255.4 | 255.4 | 254.4 | 253.9 | 253.0 | 251.9 | 251.9 |
| 177.5° | 250.4 | 251.2 | 251.9 | 251.6 | 251.9 | 251.6 | 251.6 | 251.2 | 250.8 | 250.4 | 250.4 |
| 180° | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1483.1 | 1476.4 | 1471.6 | 1467.8 | 1457.3 | 1451.1 | 1446.4 | 1439.7 | 1432.1 | 1424.0 | 1414.0 |
| 5° | 1567.2 | 1547.0 | 1532.1 | 1509.5 | 1488.1 | 1470.2 | 1451.7 | 1435.0 | 1414.8 | 1392.8 | 1376.7 |
| 7.5° | 1655.6 | 1625.6 | 1587.0 | 1553.5 | 1515.9 | 1483.2 | 1453.9 | 1423.8 | 1392.7 | 1362.4 | 1334.7 |
| 10° | 1711.8 | 1673.2 | 1630.3 | 1579.7 | 1532.1 | 1489.8 | 1450.5 | 1412.5 | 1375.5 | 1338.6 | 1307.1 |
| 12.5° | 1772.3 | 1724.1 | 1660.8 | 1601.6 | 1548.3 | 1491.8 | 1444.3 | 1397.7 | 1353.1 | 1314.3 | 1277.6 |
| 15° | 1853.5 | 1783.8 | 1710.6 | 1631.5 | 1561.3 | 1495.2 | 1430.3 | 1371.4 | 1321.4 | 1270.1 | 1234.5 |
| 17.5° | 1903.4 | 1817.2 | 1733.5 | 1650.8 | 1565.7 | 1482.5 | 1412.5 | 1344.5 | 1281.9 | 1231.1 | 1186.0 |
| 20° | 1936.2 | 1850.5 | 1746.4 | 1663.6 | 1562.5 | 1476.7 | 1395.8 | 1320.2 | 1254.7 | 1200.6 | 1154.1 |
| 22.5° | 1964.8 | 1865.8 | 1761.6 | 1652.7 | 1552.0 | 1461.0 | 1372.4 | 1296.4 | 1229.5 | 1172.4 | 1127.9 |
| 25° | 1980.3 | 1866.6 | 1753.5 | 1645.2 | 1530.9 | 1423.1 | 1342.8 | 1253.5 | 1182.1 | 1122.0 | 1074.4 |
| 27.5° | 1981.9 | 1860.4 | 1732.4 | 1612.1 | 1494.1 | 1393.8 | 1292.4 | 1212.5 | 1138.4 | 1074.9 | 1029.2 |
| 30° | 1976.7 | 1849.9 | 1712.4 | 1582.1 | 1463.6 | 1354.7 | 1266.6 | 1179.7 | 1104.1 | 1041.0 | 993.4 |
| 32.5° | 1960.1 | 1828.0 | 1686.7 | 1548.8 | 1426.0 | 1319.5 | 1228.6 | 1145.9 | 1072.2 | 1010.0 | 960.1 |
| 35° | 1911.9 | 1781.5 | 1630.9 | 1487.5 | 1361.8 | 1254.1 | 1172.0 | 1088.0 | 1014.3 | 955.3 | 907.1 |
| 37.5° | 1836.5 | 1718.6 | 1565.6 | 1417.1 | 1293.7 | 1185.5 | 1104.1 | 1028.3 | 961.7 | 901.9 | 852.5 |
| 40° | 1770.7 | 1667.2 | 1513.6 | 1369.0 | 1235.7 | 1132.7 | 1056.5 | 986.9 | 920.8 | 864.3 | 817.3 |
| 42.5° | 1695.1 | 1604.8 | 1463.2 | 1309.9 | 1181.4 | 1078.0 | 1003.7 | 941.2 | 878.9 | 826.6 | 779.6 |
| 45° | 1560.0 | 1500.6 | 1367.2 | 1225.5 | 1091.7 | 994.0 | 923.2 | 868.4 | 816.1 | 764.8 | 725.6 |
| 47.5° | 1404.8 | 1375.3 | 1263.1 | 1128.5 | 1001.4 | 905.2 | 843.8 | 793.2 | 747.3 | 703.9 | 669.3 |
| 50° | 1300.5 | 1286.2 | 1189.2 | 1059.5 | 938.1 | 847.6 | 785.7 | 742.3 | 702.9 | 664.9 | 632.1 |
| 52.5° | 1197.7 | 1197.2 | 1109.7 | 990.9 | 878.6 | 791.4 | 730.0 | 689.4 | 655.3 | 624.4 | 595.0 |
| 55° | 1040.4 | 1057.1 | 988.7 | 882.7 | 782.1 | 703.5 | 648.2 | 611.9 | 588.1 | 562.5 | 540.4 |
| 57.5° | 896.0 | 923.7 | 867.2 | 773.9 | 690.0 | 617.6 | 569.4 | 542.1 | 516.8 | 501.3 | 485.3 |
| 60° | 801.8 | 827.9 | 783.9 | 705.3 | 626.2 | 564.3 | 518.4 | 494.0 | 472.0 | 461.3 | 450.0 |
| 62.5° | 718.0 | 741.3 | 708.7 | 635.8 | 567.1 | 507.6 | 468.9 | 445.5 | 430.6 | 418.9 | 411.4 |
| 65° | 598.2 | 617.9 | 589.9 | 536.9 | 477.9 | 430.3 | 398.8 | 380.3 | 366.1 | 361.3 | 352.9 |
| 67.5° | 483.5 | 501.4 | 486.3 | 441.3 | 394.0 | 358.0 | 333.3 | 315.6 | 307.1 | 303.0 | 297.0 |
| 70° | 415.4 | 433.3 | 417.2 | 378.0 | 341.6 | 311.3 | 288.1 | 277.9 | 269.1 | 267.3 | 258.9 |
| 72.5° | 357.8 | 370.0 | 354.0 | 323.2 | 292.1 | 266.6 | 248.6 | 238.0 | 233.3 | 230.1 | 225.6 |
| 75° | 268.5 | 279.1 | 268.5 | 244.6 | 222.6 | 204.7 | 189.2 | 185.1 | 179.8 | 178.0 | 175.0 |
| 77.5° | 190.0 | 199.2 | 191.1 | 176.2 | 159.7 | 145.9 | 137.6 | 132.2 | 131.0 | 127.9 | 129.4 |
| 80° | 145.3 | 151.2 | 143.4 | 133.4 | 120.2 | 110.7 | 104.8 | 101.8 | 98.2 | 97.0 | 99.4 |
| 82.5° | 104.3 | 106.9 | 103.0 | 96.2 | 86.4 | 80.2 | 76.2 | 72.8 | 72.0 | 72.2 | 72.2 |
| 85° | 54.2 | 53.6 | 53.0 | 47.0 | 44.1 | 39.9 | 37.5 | 36.9 | 36.3 | 37.5 | 38.7 |
| 87.5° | 19.5 | 20.0 | 18.9 | 17.0 | 15.4 | 13.9 | 13.2 | 12.5 | 13.2 | 13.9 | 14.5 |
| 90° | 6.9 | 6.9 | 4.0 | 4.0 | 3.4 | 2.9 | 1.5 | 0.5 | 1.5 | 2.9 | 3.4 |
| 92.5° | 99.2 | 61.1 | 36.2 | 25.9 | 18.8 | 12.7 | 8.2 | 5.6 | 8.2 | 12.7 | 18.8 |
| 95° | 184.7 | 104.1 | 61.4 | 40.7 | 29.0 | 22.6 | 17.7 | 16.2 | 17.7 | 22.6 | 29.0 |
| 97.5° | 166.0 | 99.5 | 66.6 | 49.3 | 39.2 | 33.3 | 29.1 | 29.1 | 29.1 | 33.3 | 39.2 |
| 100° | 156.2 | 100.7 | 71.7 | 56.0 | 46.7 | 40.7 | 37.4 | 37.4 | 37.4 | 40.7 | 46.7 |
| 102.5° | 153.4 | 104.6 | 78.4 | 63.5 | 54.5 | 49.0 | 46.0 | 45.2 | 46.0 | 49.0 | 54.5 |
| 105° | 154.7 | 113.9 | 90.4 | 76.1 | 67.3 | 61.4 | 59.0 | 57.4 | 59.0 | 61.4 | 67.3 |
| 107.5° | 162.0 | 124.8 | 103.2 | 89.2 | 80.8 | 74.5 | 72.0 | 71.0 | 72.0 | 74.5 | 80.8 |
| 110° | 167.5 | 133.1 | 111.5 | 98.2 | 89.4 | 83.5 | 81.0 | 80.1 | 81.0 | 83.5 | 89.4 |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.4 | 140.9 | 120.1 | 106.9 | 98.1 | 92.6 | 89.7 | 88.7 | 89.7 | 92.6 | 98.1 |
| 115° | 182.7 | 153.3 | 133.6 | 120.4 | 111.0 | 106.1 | 102.6 | 101.2 | 102.6 | 106.1 | 111.0 |
| 117.5° | 192.3 | 165.1 | 146.5 | 132.7 | 124.0 | 118.6 | 115.5 | 114.2 | 115.5 | 118.6 | 124.0 |
| 120° | 198.9 | 173.4 | 154.7 | 140.9 | 132.6 | 127.2 | 123.8 | 122.8 | 123.8 | 127.2 | 132.6 |
| 122.5° | 205.2 | 181.2 | 162.6 | 149.2 | 140.1 | 135.1 | 131.6 | 130.6 | 131.6 | 135.1 | 140.1 |
| 125° | 214.6 | 192.0 | 174.4 | 160.6 | 151.3 | 145.9 | 142.9 | 140.9 | 142.9 | 145.9 | 151.3 |
| 127.5° | 222.8 | 202.1 | 184.9 | 171.1 | 161.4 | 155.2 | 151.7 | 150.1 | 151.7 | 155.2 | 161.4 |
| 130° | 227.9 | 208.7 | 192.0 | 177.8 | 168.5 | 161.1 | 157.1 | 155.2 | 157.1 | 161.1 | 168.5 |
| 132.5° | 233.0 | 214.2 | 197.5 | 184.1 | 174.0 | 167.0 | 161.9 | 160.3 | 161.9 | 167.0 | 174.0 |
| 135° | 239.7 | 222.0 | 205.8 | 193.0 | 182.7 | 174.4 | 169.4 | 167.5 | 169.4 | 174.4 | 182.7 |
| 137.5° | 244.4 | 227.9 | 212.8 | 200.6 | 189.9 | 181.9 | 176.5 | 174.7 | 176.5 | 181.9 | 189.9 |
| 140° | 247.5 | 231.9 | 217.1 | 205.3 | 195.0 | 186.7 | 181.2 | 179.8 | 181.2 | 186.7 | 195.0 |
| 142.5° | 249.9 | 235.4 | 221.0 | 209.7 | 199.7 | 191.7 | 186.8 | 185.3 | 186.8 | 191.7 | 199.7 |
| 145° | 252.4 | 239.2 | 226.4 | 215.6 | 206.3 | 199.4 | 194.5 | 193.0 | 194.5 | 199.4 | 206.3 |
| 147.5° | 254.7 | 243.1 | 231.2 | 221.4 | 213.6 | 206.6 | 202.2 | 201.7 | 202.2 | 206.6 | 213.6 |
| 150° | 255.9 | 245.1 | 234.3 | 225.0 | 217.6 | 211.7 | 207.8 | 207.2 | 207.8 | 211.7 | 217.6 |
| 152.5° | 256.7 | 246.7 | 237.0 | 228.5 | 221.9 | 216.4 | 212.5 | 212.4 | 212.5 | 216.4 | 221.9 |
| 155° | 257.4 | 249.0 | 240.6 | 233.3 | 227.9 | 223.0 | 220.1 | 219.6 | 220.1 | 223.0 | 227.9 |
| 157.5° | 257.4 | 250.7 | 243.6 | 237.8 | 233.1 | 229.3 | 226.5 | 226.5 | 226.5 | 229.3 | 233.1 |
| 160° | 257.4 | 251.5 | 245.6 | 240.1 | 236.3 | 232.8 | 230.8 | 230.8 | 230.8 | 232.8 | 236.3 |
| 162.5° | 257.4 | 252.3 | 246.8 | 242.5 | 239.0 | 235.9 | 234.4 | 234.8 | 234.4 | 235.9 | 239.0 |
| 165° | 256.4 | 252.4 | 248.1 | 245.1 | 242.6 | 240.1 | 239.2 | 239.2 | 239.2 | 240.1 | 242.6 |
| 167.5° | 255.2 | 252.4 | 249.1 | 246.8 | 245.5 | 243.6 | 243.1 | 243.6 | 243.1 | 243.6 | 245.5 |
| 170° | 254.4 | 251.9 | 249.5 | 248.1 | 247.0 | 245.6 | 245.1 | 245.6 | 245.1 | 245.6 | 247.0 |
| 172.5° | 253.7 | 251.6 | 249.9 | 248.8 | 248.2 | 247.1 | 247.0 | 247.5 | 247.0 | 247.1 | 248.2 |
| 175° | 252.4 | 251.0 | 250.0 | 250.0 | 249.5 | 249.0 | 249.0 | 249.5 | 249.0 | 249.0 | 249.5 |
| 177.5° | 251.2 | 250.4 | 250.0 | 250.0 | 250.0 | 249.6 | 250.0 | 250.4 | 250.0 | 249.6 | 250.0 |
| 180° | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1409.2 | 1405.0 | 1398.8 | 1390.2 | 1383.0 | 1375.4 | 1373.6 | 1370.6 | 1376.4 | 1371.6 | 1370.2 |
| 5° | 1363.0 | 1350.6 | 1334.5 | 1316.0 | 1305.3 | 1289.9 | 1286.9 | 1280.9 | 1275.0 | 1274.4 | 1268.4 |
| 7.5° | 1314.1 | 1295.8 | 1274.7 | 1255.9 | 1238.5 | 1221.6 | 1210.6 | 1208.2 | 1199.4 | 1194.2 | 1188.3 |
| 10° | 1282.7 | 1260.1 | 1235.7 | 1217.8 | 1197.6 | 1179.7 | 1167.3 | 1160.1 | 1154.1 | 1147.5 | 1141.6 |
| 12.5° | 1245.5 | 1221.5 | 1201.4 | 1182.1 | 1158.0 | 1144.4 | 1123.9 | 1111.5 | 1110.3 | 1110.4 | 1094.9 |
| 15° | 1202.3 | 1178.5 | 1147.5 | 1120.2 | 1107.1 | 1080.9 | 1069.6 | 1055.3 | 1046.4 | 1037.4 | 1030.4 |
| 17.5° | 1153.0 | 1123.3 | 1099.2 | 1067.7 | 1042.7 | 1021.8 | 1007.0 | 998.4 | 985.0 | 972.3 | 963.2 |
| 20° | 1122.0 | 1090.5 | 1064.8 | 1031.5 | 1004.1 | 978.5 | 966.0 | 954.2 | 944.0 | 933.3 | 923.2 |
| 22.5° | 1090.5 | 1057.6 | 1026.2 | 993.9 | 968.5 | 941.4 | 929.4 | 913.2 | 903.5 | 897.6 | 887.4 |
| 25° | 1041.0 | 1005.3 | 969.6 | 938.7 | 912.5 | 888.6 | 872.6 | 860.1 | 849.4 | 844.6 | 838.1 |
| 27.5° | 987.2 | 951.7 | 917.2 | 882.1 | 852.4 | 835.1 | 822.3 | 812.8 | 806.7 | 800.3 | 797.4 |
| 30° | 953.0 | 916.0 | 879.2 | 846.4 | 819.0 | 801.8 | 789.9 | 783.3 | 778.5 | 775.6 | 772.6 |
| 32.5° | 918.2 | 881.8 | 842.9 | 813.0 | 788.5 | 773.2 | 764.1 | 757.6 | 755.2 | 754.1 | 753.0 |
| 35° | 862.5 | 825.5 | 789.9 | 763.1 | 739.9 | 733.9 | 726.2 | 722.6 | 721.4 | 725.6 | 727.4 |
| 37.5° | 808.6 | 774.3 | 741.4 | 715.4 | 700.3 | 691.6 | 688.9 | 689.1 | 693.3 | 697.0 | 701.3 |
| 40° | 773.8 | 740.5 | 709.5 | 686.9 | 672.6 | 667.3 | 666.1 | 669.0 | 673.8 | 678.0 | 682.7 |
| 42.5° | 739.9 | 707.1 | 679.0 | 657.8 | 647.8 | 642.9 | 643.7 | 646.6 | 653.3 | 658.4 | 665.6 |
| 45° | 687.5 | 660.1 | 632.7 | 615.4 | 607.1 | 608.3 | 608.3 | 613.6 | 620.2 | 627.9 | 635.7 |
| 47.5° | 638.1 | 610.4 | 588.0 | 573.4 | 569.1 | 568.1 | 571.4 | 578.4 | 587.8 | 597.4 | 608.2 |
| 50° | 604.8 | 578.5 | 558.9 | 545.8 | 541.1 | 542.9 | 547.6 | 554.1 | 565.4 | 577.4 | 588.7 |
| 52.5° | 570.9 | 547.1 | 528.9 | 516.8 | 513.4 | 516.7 | 521.4 | 531.8 | 541.7 | 554.5 | 568.2 |
| 55° | 518.4 | 498.2 | 483.9 | 475.0 | 473.8 | 475.6 | 481.0 | 492.2 | 506.5 | 522.6 | 535.7 |
| 57.5° | 466.1 | 449.3 | 436.2 | 430.0 | 430.6 | 432.2 | 441.1 | 454.5 | 469.8 | 486.9 | 503.8 |
| 60° | 430.9 | 415.4 | 404.8 | 400.0 | 400.5 | 404.2 | 414.8 | 427.4 | 446.4 | 463.0 | 481.0 |
| 62.5° | 397.6 | 384.0 | 373.8 | 369.5 | 368.7 | 376.5 | 386.8 | 399.8 | 418.8 | 437.4 | 456.7 |
| 65° | 344.1 | 333.3 | 325.0 | 322.6 | 324.4 | 330.4 | 343.5 | 360.7 | 376.8 | 396.4 | 416.6 |
| 67.5° | 291.6 | 282.8 | 277.2 | 278.2 | 280.3 | 289.1 | 300.1 | 315.0 | 333.2 | 353.5 | 373.6 |
| 70° | 258.3 | 249.9 | 245.2 | 245.8 | 249.4 | 260.1 | 269.7 | 284.5 | 304.2 | 325.0 | 341.6 |
| 72.5° | 224.0 | 218.5 | 214.3 | 216.8 | 220.3 | 227.7 | 239.6 | 254.5 | 271.8 | 291.2 | 308.8 |
| 75° | 172.0 | 172.0 | 169.6 | 171.4 | 176.8 | 183.9 | 192.9 | 208.4 | 225.6 | 241.1 | 255.4 |
| 77.5° | 127.6 | 126.3 | 127.9 | 130.0 | 133.1 | 141.5 | 151.8 | 162.8 | 175.8 | 191.3 | 203.1 |
| 80° | 97.6 | 98.2 | 101.2 | 104.8 | 106.0 | 112.5 | 123.2 | 133.4 | 143.4 | 156.5 | 167.8 |
| 82.5° | 73.4 | 74.0 | 75.5 | 80.0 | 81.2 | 88.3 | 95.1 | 105.2 | 114.4 | 123.2 | 132.6 |
| 85° | 39.9 | 39.9 | 42.9 | 44.6 | 47.6 | 52.3 | 56.6 | 62.5 | 70.9 | 76.8 | 85.7 |
| 87.5° | 16.0 | 16.0 | 18.5 | 19.5 | 21.1 | 23.7 | 24.5 | 29.9 | 31.9 | 34.4 | 38.7 |
| 90° | 4.0 | 4.0 | 6.9 | 6.9 | 7.8 | 8.9 | 8.4 | 8.9 | 9.3 | 9.8 | 9.8 |
| 92.5° | 25.9 | 36.2 | 61.1 | 99.2 | 136.4 | 155.8 | 129.8 | 96.4 | 72.6 | 57.8 | 48.0 |
| 95° | 40.7 | 61.4 | 104.1 | 184.7 | 302.0 | 400.3 | 411.6 | 363.9 | 287.8 | 222.0 | 174.4 |
| 97.5° | 49.3 | 66.6 | 99.5 | 166.0 | 282.8 | 421.6 | 517.1 | 537.7 | 509.5 | 461.4 | 410.1 |
| 100° | 56.0 | 71.7 | 100.7 | 156.2 | 256.4 | 394.9 | 520.6 | 592.4 | 602.2 | 578.1 | 541.7 |
| 102.5° | 63.5 | 78.4 | 104.6 | 153.4 | 238.7 | 361.5 | 491.1 | 589.6 | 638.3 | 645.3 | 630.2 |
| 105° | 76.1 | 90.4 | 113.9 | 154.7 | 223.5 | 322.2 | 437.6 | 550.1 | 635.1 | 683.7 | 703.9 |
| 107.5° | 89.2 | 103.2 | 124.8 | 162.0 | 220.8 | 300.2 | 394.4 | 494.0 | 584.4 | 653.0 | 696.7 |
| 110° | 98.2 | 111.5 | 133.1 | 167.5 | 221.5 | 292.7 | 372.8 | 460.2 | 545.2 | 616.4 | 670.5 |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 106.9 | 120.1 | 140.9 | 173.4 | 223.9 | 289.2 | 360.6 | 435.5 | 510.6 | 577.9 | 631.9 |
| 115° | 120.4 | 133.6 | 153.3 | 182.7 | 228.4 | 287.3 | 349.2 | 410.6 | 471.1 | 528.5 | 575.7 |
| 117.5° | 132.7 | 146.5 | 165.1 | 192.3 | 233.2 | 286.8 | 344.1 | 398.4 | 448.4 | 493.6 | 533.6 |
| 120° | 140.9 | 154.7 | 173.4 | 198.9 | 236.8 | 286.8 | 341.4 | 393.0 | 438.6 | 477.9 | 512.7 |
| 122.5° | 149.2 | 162.6 | 181.2 | 205.2 | 240.3 | 286.5 | 338.2 | 388.2 | 432.3 | 468.0 | 498.6 |
| 125° | 160.6 | 174.4 | 192.0 | 214.6 | 245.6 | 285.9 | 333.0 | 380.1 | 422.4 | 456.2 | 483.3 |
| 127.5° | 171.1 | 184.9 | 202.1 | 222.8 | 249.8 | 284.7 | 326.1 | 370.3 | 410.7 | 444.5 | 470.1 |
| 130° | 177.8 | 192.0 | 208.7 | 227.9 | 253.0 | 284.4 | 321.7 | 362.5 | 401.3 | 434.6 | 460.7 |
| 132.5° | 184.1 | 197.5 | 214.2 | 233.0 | 255.7 | 284.0 | 317.8 | 354.2 | 390.6 | 423.3 | 449.3 |
| 135° | 193.0 | 205.8 | 222.0 | 239.7 | 259.8 | 283.4 | 311.9 | 342.9 | 374.8 | 404.7 | 429.3 |
| 137.5° | 200.6 | 212.8 | 227.9 | 244.4 | 262.3 | 283.3 | 306.8 | 332.5 | 359.6 | 384.8 | 407.0 |
| 140° | 205.3 | 217.1 | 231.9 | 247.5 | 264.2 | 282.9 | 304.0 | 326.6 | 349.7 | 371.8 | 392.4 |
| 142.5° | 209.7 | 221.0 | 235.4 | 249.9 | 265.8 | 282.9 | 301.7 | 321.2 | 341.5 | 360.4 | 378.3 |
| 145° | 215.6 | 226.4 | 239.2 | 252.4 | 266.7 | 281.9 | 297.6 | 313.3 | 330.0 | 344.8 | 358.5 |
| 147.5° | 221.4 | 231.2 | 243.1 | 254.7 | 267.2 | 280.2 | 294.0 | 306.9 | 320.2 | 332.0 | 342.9 |
| 150° | 225.0 | 234.3 | 245.1 | 255.9 | 267.2 | 279.0 | 291.3 | 303.1 | 314.4 | 324.2 | 333.0 |
| 152.5° | 228.5 | 237.0 | 246.7 | 256.7 | 266.4 | 277.0 | 288.1 | 298.7 | 308.4 | 317.5 | 324.8 |
| 155° | 233.3 | 240.6 | 249.0 | 257.4 | 265.2 | 274.1 | 283.4 | 292.2 | 300.1 | 307.5 | 313.3 |
| 157.5° | 237.8 | 243.6 | 250.7 | 257.4 | 264.0 | 271.0 | 278.6 | 285.2 | 291.9 | 298.0 | 302.7 |
| 160° | 240.1 | 245.6 | 251.5 | 257.4 | 262.8 | 268.6 | 275.1 | 280.9 | 286.4 | 291.7 | 295.7 |
| 162.5° | 242.5 | 246.8 | 252.3 | 257.4 | 261.6 | 266.3 | 271.9 | 276.6 | 281.2 | 285.4 | 289.0 |
| 165° | 245.1 | 248.1 | 252.4 | 256.4 | 259.3 | 262.8 | 266.7 | 270.6 | 273.5 | 277.0 | 279.5 |
| 167.5° | 246.8 | 249.1 | 252.4 | 255.2 | 257.0 | 259.2 | 262.0 | 264.8 | 267.1 | 269.8 | 271.3 |
| 170° | 248.1 | 249.5 | 251.9 | 254.4 | 255.4 | 256.8 | 258.8 | 261.3 | 262.8 | 264.8 | 266.2 |
| 172.5° | 248.8 | 249.9 | 251.6 | 253.7 | 253.8 | 254.5 | 256.1 | 258.1 | 259.2 | 260.5 | 261.5 |
| 175° | 250.0 | 250.0 | 251.0 | 252.4 | 251.9 | 251.9 | 253.0 | 253.9 | 254.4 | 255.4 | 255.4 |
| 177.5° | 250.0 | 250.0 | 250.4 | 251.2 | 250.4 | 250.4 | 250.8 | 251.2 | 251.6 | 251.6 | 251.9 |
| 180° | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1369.2 | 1368.3 | 1364.9 | 1364.5 | 1364.9 | 1368.3 | 1369.2 | 1370.2 | 1371.6 | 1376.4 | 1370.6 |
| 5° | 1264.8 | 1261.9 | 1260.1 | 1266.6 | 1260.1 | 1261.9 | 1264.8 | 1268.4 | 1274.4 | 1275.0 | 1280.9 |
| 7.5° | 1186.1 | 1183.8 | 1178.5 | 1176.9 | 1178.5 | 1183.8 | 1186.1 | 1188.3 | 1194.2 | 1199.4 | 1208.2 |
| 10° | 1135.7 | 1133.2 | 1128.5 | 1127.3 | 1128.5 | 1133.2 | 1135.7 | 1141.6 | 1147.5 | 1154.1 | 1160.1 |
| 12.5° | 1087.1 | 1082.4 | 1081.4 | 1082.5 | 1081.4 | 1082.4 | 1087.1 | 1094.9 | 1110.4 | 1110.3 | 1111.5 |
| 15° | 1022.6 | 1020.2 | 1013.7 | 1015.5 | 1013.7 | 1020.2 | 1022.6 | 1030.4 | 1037.4 | 1046.4 | 1055.3 |
| 17.5° | 959.0 | 956.1 | 948.2 | 955.2 | 948.2 | 956.1 | 959.0 | 963.2 | 972.3 | 985.0 | 998.4 |
| 20° | 919.0 | 914.2 | 910.1 | 909.5 | 910.1 | 914.2 | 919.0 | 923.2 | 933.3 | 944.0 | 954.2 |
| 22.5° | 880.9 | 876.7 | 876.2 | 872.4 | 876.2 | 876.7 | 880.9 | 887.4 | 897.6 | 903.5 | 913.2 |
| 25° | 833.3 | 829.1 | 827.9 | 825.0 | 827.9 | 829.1 | 833.3 | 838.1 | 844.6 | 849.4 | 860.1 |
| 27.5° | 796.8 | 794.7 | 792.6 | 793.5 | 792.6 | 794.7 | 796.8 | 797.4 | 800.3 | 806.7 | 812.8 |
| 30° | 774.4 | 773.8 | 772.6 | 772.6 | 772.6 | 773.8 | 774.4 | 772.6 | 775.6 | 778.5 | 783.3 |
| 32.5° | 755.8 | 755.7 | 756.4 | 756.4 | 756.4 | 755.7 | 755.8 | 753.0 | 754.1 | 755.2 | 757.6 |
| 35° | 729.7 | 731.5 | 732.7 | 730.9 | 732.7 | 731.5 | 729.7 | 727.4 | 725.6 | 721.4 | 722.6 |
| 37.5° | 706.2 | 707.9 | 709.6 | 711.6 | 709.6 | 707.9 | 706.2 | 701.3 | 697.0 | 693.3 | 689.1 |
| 40° | 688.0 | 692.2 | 693.4 | 696.4 | 693.4 | 692.2 | 688.0 | 682.7 | 678.0 | 673.8 | 669.0 |
| 42.5° | 670.9 | 675.5 | 678.6 | 679.2 | 678.6 | 675.5 | 670.9 | 665.6 | 658.4 | 653.3 | 646.6 |
| 45° | 644.6 | 649.4 | 653.6 | 653.6 | 653.6 | 649.4 | 644.6 | 635.7 | 627.9 | 620.2 | 613.6 |
| 47.5° | 617.3 | 624.2 | 628.4 | 629.5 | 628.4 | 624.2 | 617.3 | 608.2 | 597.4 | 587.8 | 578.4 |
| 50° | 598.8 | 607.1 | 611.3 | 614.2 | 611.3 | 607.1 | 598.8 | 588.7 | 577.4 | 565.4 | 554.1 |
| 52.5° | 580.7 | 589.0 | 594.6 | 596.2 | 594.6 | 589.0 | 580.7 | 568.2 | 554.5 | 541.7 | 531.8 |
| 55° | 549.4 | 561.3 | 567.8 | 570.2 | 567.8 | 561.3 | 549.4 | 535.7 | 522.6 | 506.5 | 492.2 |
| 57.5° | 519.9 | 530.8 | 538.5 | 540.2 | 538.5 | 530.8 | 519.9 | 503.8 | 486.9 | 469.8 | 454.5 |
| 60° | 497.0 | 508.9 | 518.4 | 520.2 | 518.4 | 508.9 | 497.0 | 481.0 | 463.0 | 446.4 | 427.4 |
| 62.5° | 473.6 | 486.0 | 494.6 | 499.3 | 494.6 | 486.0 | 473.6 | 456.7 | 437.4 | 418.8 | 399.8 |
| 65° | 433.3 | 445.8 | 454.2 | 455.9 | 454.2 | 445.8 | 433.3 | 416.6 | 396.4 | 376.8 | 360.7 |
| 67.5° | 389.3 | 401.7 | 407.3 | 410.7 | 407.3 | 401.7 | 389.3 | 373.6 | 353.5 | 333.2 | 315.0 |
| 70° | 358.3 | 368.4 | 374.4 | 377.4 | 374.4 | 368.4 | 358.3 | 341.6 | 325.0 | 304.2 | 284.5 |
| 72.5° | 323.0 | 333.6 | 340.6 | 341.2 | 340.6 | 333.6 | 323.0 | 308.8 | 291.2 | 271.8 | 254.5 |
| 75° | 269.1 | 278.5 | 282.1 | 282.1 | 282.1 | 278.5 | 269.1 | 255.4 | 241.1 | 225.6 | 208.4 |
| 77.5° | 212.9 | 217.8 | 222.4 | 223.3 | 222.4 | 217.8 | 212.9 | 203.1 | 191.3 | 175.8 | 162.8 |
| 80° | 176.8 | 179.8 | 183.3 | 183.3 | 183.3 | 179.8 | 176.8 | 167.8 | 156.5 | 143.4 | 133.4 |
| 82.5° | 139.7 | 142.2 | 145.7 | 145.3 | 145.7 | 142.2 | 139.7 | 132.6 | 123.2 | 114.4 | 105.2 |
| 85° | 84.6 | 89.9 | 89.3 | 88.1 | 89.3 | 89.9 | 84.6 | 85.7 | 76.8 | 70.9 | 62.5 |
| 87.5° | 40.1 | 40.7 | 42.1 | 43.0 | 42.1 | 40.7 | 40.1 | 38.7 | 34.4 | 31.9 | 29.9 |
| 90° | 10.3 | 10.8 | 10.3 | 10.3 | 10.3 | 10.8 | 10.3 | 9.8 | 9.8 | 9.3 | 8.9 |
| 92.5° | 42.1 | 39.5 | 37.8 | 37.8 | 37.8 | 39.5 | 42.1 | 48.0 | 57.8 | 72.6 | 96.4 |
| 95° | 150.3 | 135.1 | 126.2 | 119.9 | 126.2 | 135.1 | 150.3 | 174.4 | 222.0 | 287.8 | 363.9 |
| 97.5° | 374.9 | 345.3 | 330.5 | 320.3 | 330.5 | 345.3 | 374.9 | 410.1 | 461.4 | 509.5 | 537.7 |
| 100° | 499.0 | 469.1 | 454.3 | 450.4 | 454.3 | 469.1 | 499.0 | 541.7 | 578.1 | 602.2 | 592.4 |
| 102.5° | 603.9 | 582.2 | 566.7 | 563.5 | 566.7 | 582.2 | 603.9 | 630.2 | 645.3 | 638.3 | 589.6 |
| 105° | 704.8 | 700.9 | 694.0 | 691.0 | 694.0 | 700.9 | 704.8 | 703.9 | 683.7 | 635.1 | 550.1 |
| 107.5° | 721.0 | 732.2 | 737.1 | 738.4 | 737.1 | 732.2 | 721.0 | 696.7 | 653.0 | 584.4 | 494.0 |
| 110° | 705.3 | 725.9 | 734.8 | 739.2 | 734.8 | 725.9 | 705.3 | 670.5 | 616.4 | 545.2 | 460.2 |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 671.5 | 696.5 | 708.9 | 716.0 | 708.9 | 696.5 | 671.5 | 631.9 | 577.9 | 510.6 | 435.5 |
| 115° | 614.4 | 643.9 | 659.6 | 663.6 | 659.6 | 643.9 | 614.4 | 575.7 | 528.5 | 471.1 | 410.6 |
| 117.5° | 566.7 | 591.4 | 607.3 | 610.4 | 607.3 | 591.4 | 566.7 | 533.6 | 493.6 | 448.4 | 398.4 |
| 120° | 540.8 | 562.4 | 575.1 | 580.6 | 575.1 | 562.4 | 540.8 | 512.7 | 477.9 | 438.6 | 393.0 |
| 122.5° | 522.3 | 540.8 | 551.6 | 557.0 | 551.6 | 540.8 | 522.3 | 498.6 | 468.0 | 432.3 | 388.2 |
| 125° | 502.9 | 517.2 | 526.5 | 529.4 | 526.5 | 517.2 | 502.9 | 483.3 | 456.2 | 422.4 | 380.1 |
| 127.5° | 489.9 | 502.6 | 510.4 | 513.3 | 510.4 | 502.6 | 489.9 | 470.1 | 444.5 | 410.7 | 370.3 |
| 130° | 480.9 | 493.1 | 501.0 | 503.9 | 501.0 | 493.1 | 480.9 | 460.7 | 434.6 | 401.3 | 362.5 |
| 132.5° | 469.1 | 482.9 | 490.3 | 493.4 | 490.3 | 482.9 | 469.1 | 449.3 | 423.3 | 390.6 | 354.2 |
| 135° | 448.9 | 462.7 | 470.5 | 473.5 | 470.5 | 462.7 | 448.9 | 429.3 | 404.7 | 374.8 | 342.9 |
| 137.5° | 425.3 | 438.9 | 445.4 | 448.9 | 445.4 | 438.9 | 425.3 | 407.0 | 384.8 | 359.6 | 332.5 |
| 140° | 409.7 | 420.4 | 427.3 | 431.3 | 427.3 | 420.4 | 409.7 | 392.4 | 371.8 | 349.7 | 326.6 |
| 142.5° | 393.5 | 403.6 | 409.7 | 412.3 | 409.7 | 403.6 | 393.5 | 378.3 | 360.4 | 341.5 | 321.2 |
| 145° | 370.8 | 379.2 | 384.1 | 386.5 | 384.1 | 379.2 | 370.8 | 358.5 | 344.8 | 330.0 | 313.3 |
| 147.5° | 351.9 | 359.0 | 362.7 | 363.7 | 362.7 | 359.0 | 351.9 | 342.9 | 332.0 | 320.2 | 306.9 |
| 150° | 340.9 | 347.2 | 350.2 | 350.7 | 350.2 | 347.2 | 340.9 | 333.0 | 324.2 | 314.4 | 303.1 |
| 152.5° | 331.4 | 336.7 | 338.4 | 338.9 | 338.4 | 336.7 | 331.4 | 324.8 | 317.5 | 308.4 | 298.7 |
| 155° | 318.3 | 322.2 | 323.6 | 323.6 | 323.6 | 322.2 | 318.3 | 313.3 | 307.5 | 300.1 | 292.2 |
| 157.5° | 306.5 | 309.4 | 310.3 | 310.3 | 310.3 | 309.4 | 306.5 | 302.7 | 298.0 | 291.9 | 285.2 |
| 160° | 298.6 | 301.6 | 302.0 | 302.0 | 302.0 | 301.6 | 298.6 | 295.7 | 291.7 | 286.4 | 280.9 |
| 162.5° | 291.2 | 294.1 | 294.6 | 294.2 | 294.6 | 294.1 | 291.2 | 289.0 | 285.4 | 281.2 | 276.6 |
| 165° | 281.5 | 283.4 | 282.9 | 282.4 | 282.9 | 283.4 | 281.5 | 279.5 | 277.0 | 273.5 | 270.6 |
| 167.5° | 272.3 | 273.5 | 273.5 | 273.1 | 273.5 | 273.5 | 272.3 | 271.3 | 269.8 | 267.1 | 264.8 |
| 170° | 267.2 | 267.7 | 267.2 | 267.2 | 267.2 | 267.7 | 267.2 | 266.2 | 264.8 | 262.8 | 261.3 |
| 172.5° | 262.1 | 262.6 | 262.1 | 261.3 | 262.1 | 262.6 | 262.1 | 261.5 | 260.5 | 259.2 | 258.1 |
| 175° | 255.4 | 256.4 | 255.4 | 254.4 | 255.4 | 256.4 | 255.4 | 255.4 | 255.4 | 254.4 | 253.9 |
| 177.5° | 251.6 | 251.9 | 251.2 | 250.4 | 251.2 | 251.9 | 251.6 | 251.9 | 251.6 | 251.6 | 251.2 |
| 180° | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 |



TEST NUMBER: P332636-935
 CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1373.6 | 1375.4 | 1383.0 | 1390.2 | 1398.8 | 1405.0 | 1409.2 | 1414.0 | 1424.0 | 1432.1 | 1439.7 |
| 5° | 1286.9 | 1289.9 | 1305.3 | 1316.0 | 1334.5 | 1350.6 | 1363.0 | 1376.7 | 1392.8 | 1414.8 | 1435.0 |
| 7.5° | 1210.6 | 1221.6 | 1238.5 | 1255.9 | 1274.7 | 1295.8 | 1314.1 | 1334.7 | 1362.4 | 1392.7 | 1423.8 |
| 10° | 1167.3 | 1179.7 | 1197.6 | 1217.8 | 1235.7 | 1260.1 | 1282.7 | 1307.1 | 1338.6 | 1375.5 | 1412.5 |
| 12.5° | 1123.9 | 1144.4 | 1158.0 | 1182.1 | 1201.4 | 1221.5 | 1245.5 | 1277.6 | 1314.3 | 1353.1 | 1397.7 |
| 15° | 1069.6 | 1080.9 | 1107.1 | 1120.2 | 1147.5 | 1178.5 | 1202.3 | 1234.5 | 1270.1 | 1321.4 | 1371.4 |
| 17.5° | 1007.0 | 1021.8 | 1042.7 | 1067.7 | 1099.2 | 1123.3 | 1153.0 | 1186.0 | 1231.1 | 1281.9 | 1344.5 |
| 20° | 966.0 | 978.5 | 1004.1 | 1031.5 | 1064.8 | 1090.5 | 1122.0 | 1154.1 | 1200.6 | 1254.7 | 1320.2 |
| 22.5° | 929.4 | 941.4 | 968.5 | 993.9 | 1026.2 | 1057.6 | 1090.5 | 1127.9 | 1172.4 | 1229.5 | 1296.4 |
| 25° | 872.6 | 888.6 | 912.5 | 938.7 | 969.6 | 1005.3 | 1041.0 | 1074.4 | 1122.0 | 1182.1 | 1253.5 |
| 27.5° | 822.3 | 835.1 | 852.4 | 882.1 | 917.2 | 951.7 | 987.2 | 1029.2 | 1074.9 | 1138.4 | 1212.5 |
| 30° | 789.9 | 801.8 | 819.0 | 846.4 | 879.2 | 916.0 | 953.0 | 993.4 | 1041.0 | 1104.1 | 1179.7 |
| 32.5° | 764.1 | 773.2 | 788.5 | 813.0 | 842.9 | 881.8 | 918.2 | 960.1 | 1010.0 | 1072.2 | 1145.9 |
| 35° | 726.2 | 733.9 | 739.9 | 763.1 | 789.9 | 825.5 | 862.5 | 907.1 | 955.3 | 1014.3 | 1088.0 |
| 37.5° | 688.9 | 691.6 | 700.3 | 715.4 | 741.4 | 774.3 | 808.6 | 852.5 | 901.9 | 961.7 | 1028.3 |
| 40° | 666.1 | 667.3 | 672.6 | 686.9 | 709.5 | 740.5 | 773.8 | 817.3 | 864.3 | 920.8 | 986.9 |
| 42.5° | 643.7 | 642.9 | 647.8 | 657.8 | 679.0 | 707.1 | 739.9 | 779.6 | 826.6 | 878.9 | 941.2 |
| 45° | 608.3 | 608.3 | 607.1 | 615.4 | 632.7 | 660.1 | 687.5 | 725.6 | 764.8 | 816.1 | 868.4 |
| 47.5° | 571.4 | 568.1 | 569.1 | 573.4 | 588.0 | 610.4 | 638.1 | 669.3 | 703.9 | 747.3 | 793.2 |
| 50° | 547.6 | 542.9 | 541.1 | 545.8 | 558.9 | 578.5 | 604.8 | 632.1 | 664.9 | 702.9 | 742.3 |
| 52.5° | 521.4 | 516.7 | 513.4 | 516.8 | 528.9 | 547.1 | 570.9 | 595.0 | 624.4 | 655.3 | 689.4 |
| 55° | 481.0 | 475.6 | 473.8 | 475.0 | 483.9 | 498.2 | 518.4 | 540.4 | 562.5 | 588.1 | 611.9 |
| 57.5° | 441.1 | 432.2 | 430.6 | 430.0 | 436.2 | 449.3 | 466.1 | 485.3 | 501.3 | 516.8 | 542.1 |
| 60° | 414.8 | 404.2 | 400.5 | 400.0 | 404.8 | 415.4 | 430.9 | 450.0 | 461.3 | 472.0 | 494.0 |
| 62.5° | 386.8 | 376.5 | 368.7 | 369.5 | 373.8 | 384.0 | 397.6 | 411.4 | 418.9 | 430.6 | 445.5 |
| 65° | 343.5 | 330.4 | 324.4 | 322.6 | 325.0 | 333.3 | 344.1 | 352.9 | 361.3 | 366.1 | 380.3 |
| 67.5° | 300.1 | 289.1 | 280.3 | 278.2 | 277.2 | 282.8 | 291.6 | 297.0 | 303.0 | 307.1 | 315.6 |
| 70° | 269.7 | 260.1 | 249.4 | 245.8 | 245.2 | 249.9 | 258.3 | 258.9 | 267.3 | 269.1 | 277.9 |
| 72.5° | 239.6 | 227.7 | 220.3 | 216.8 | 214.3 | 218.5 | 224.0 | 225.6 | 230.1 | 233.3 | 238.0 |
| 75° | 192.9 | 183.9 | 176.8 | 171.4 | 169.6 | 172.0 | 172.0 | 175.0 | 178.0 | 179.8 | 185.1 |
| 77.5° | 151.8 | 141.5 | 133.1 | 130.0 | 127.9 | 126.3 | 127.6 | 129.4 | 127.9 | 131.0 | 132.2 |
| 80° | 123.2 | 112.5 | 106.0 | 104.8 | 101.2 | 98.2 | 97.6 | 99.4 | 97.0 | 98.2 | 101.8 |
| 82.5° | 95.1 | 88.3 | 81.2 | 80.0 | 75.5 | 74.0 | 73.4 | 72.2 | 72.2 | 72.0 | 72.8 |
| 85° | 56.6 | 52.3 | 47.6 | 44.6 | 42.9 | 39.9 | 39.9 | 38.7 | 37.5 | 36.3 | 36.9 |
| 87.5° | 24.5 | 23.7 | 21.1 | 19.5 | 18.5 | 16.0 | 16.0 | 14.5 | 13.9 | 13.2 | 12.5 |
| 90° | 8.4 | 8.9 | 7.8 | 6.9 | 6.9 | 4.0 | 4.0 | 3.4 | 2.9 | 1.5 | 0.5 |
| 92.5° | 129.8 | 155.8 | 136.4 | 99.2 | 61.1 | 36.2 | 25.9 | 18.8 | 12.7 | 8.2 | 5.6 |
| 95° | 411.6 | 400.3 | 302.0 | 184.7 | 104.1 | 61.4 | 40.7 | 29.0 | 22.6 | 17.7 | 16.2 |
| 97.5° | 517.1 | 421.6 | 282.8 | 166.0 | 99.5 | 66.6 | 49.3 | 39.2 | 33.3 | 29.1 | 29.1 |
| 100° | 520.6 | 394.9 | 256.4 | 156.2 | 100.7 | 71.7 | 56.0 | 46.7 | 40.7 | 37.4 | 37.4 |
| 102.5° | 491.1 | 361.5 | 238.7 | 153.4 | 104.6 | 78.4 | 63.5 | 54.5 | 49.0 | 46.0 | 45.2 |
| 105° | 437.6 | 322.2 | 223.5 | 154.7 | 113.9 | 90.4 | 76.1 | 67.3 | 61.4 | 59.0 | 57.4 |
| 107.5° | 394.4 | 300.2 | 220.8 | 162.0 | 124.8 | 103.2 | 89.2 | 80.8 | 74.5 | 72.0 | 71.0 |
| 110° | 372.8 | 292.7 | 221.5 | 167.5 | 133.1 | 111.5 | 98.2 | 89.4 | 83.5 | 81.0 | 80.1 |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 360.6 | 289.2 | 223.9 | 173.4 | 140.9 | 120.1 | 106.9 | 98.1 | 92.6 | 89.7 | 88.7 |
| 115° | 349.2 | 287.3 | 228.4 | 182.7 | 153.3 | 133.6 | 120.4 | 111.0 | 106.1 | 102.6 | 101.2 |
| 117.5° | 344.1 | 286.8 | 233.2 | 192.3 | 165.1 | 146.5 | 132.7 | 124.0 | 118.6 | 115.5 | 114.2 |
| 120° | 341.4 | 286.8 | 236.8 | 198.9 | 173.4 | 154.7 | 140.9 | 132.6 | 127.2 | 123.8 | 122.8 |
| 122.5° | 338.2 | 286.5 | 240.3 | 205.2 | 181.2 | 162.6 | 149.2 | 140.1 | 135.1 | 131.6 | 130.6 |
| 125° | 333.0 | 285.9 | 245.6 | 214.6 | 192.0 | 174.4 | 160.6 | 151.3 | 145.9 | 142.9 | 140.9 |
| 127.5° | 326.1 | 284.7 | 249.8 | 222.8 | 202.1 | 184.9 | 171.1 | 161.4 | 155.2 | 151.7 | 150.1 |
| 130° | 321.7 | 284.4 | 253.0 | 227.9 | 208.7 | 192.0 | 177.8 | 168.5 | 161.1 | 157.1 | 155.2 |
| 132.5° | 317.8 | 284.0 | 255.7 | 233.0 | 214.2 | 197.5 | 184.1 | 174.0 | 167.0 | 161.9 | 160.3 |
| 135° | 311.9 | 283.4 | 259.8 | 239.7 | 222.0 | 205.8 | 193.0 | 182.7 | 174.4 | 169.4 | 167.5 |
| 137.5° | 306.8 | 283.3 | 262.3 | 244.4 | 227.9 | 212.8 | 200.6 | 189.9 | 181.9 | 176.5 | 174.7 |
| 140° | 304.0 | 282.9 | 264.2 | 247.5 | 231.9 | 217.1 | 205.3 | 195.0 | 186.7 | 181.2 | 179.8 |
| 142.5° | 301.7 | 282.9 | 265.8 | 249.9 | 235.4 | 221.0 | 209.7 | 199.7 | 191.7 | 186.8 | 185.3 |
| 145° | 297.6 | 281.9 | 266.7 | 252.4 | 239.2 | 226.4 | 215.6 | 206.3 | 199.4 | 194.5 | 193.0 |
| 147.5° | 294.0 | 280.2 | 267.2 | 254.7 | 243.1 | 231.2 | 221.4 | 213.6 | 206.6 | 202.2 | 201.7 |
| 150° | 291.3 | 279.0 | 267.2 | 255.9 | 245.1 | 234.3 | 225.0 | 217.6 | 211.7 | 207.8 | 207.2 |
| 152.5° | 288.1 | 277.0 | 266.4 | 256.7 | 246.7 | 237.0 | 228.5 | 221.9 | 216.4 | 212.5 | 212.4 |
| 155° | 283.4 | 274.1 | 265.2 | 257.4 | 249.0 | 240.6 | 233.3 | 227.9 | 223.0 | 220.1 | 219.6 |
| 157.5° | 278.6 | 271.0 | 264.0 | 257.4 | 250.7 | 243.6 | 237.8 | 233.1 | 229.3 | 226.5 | 226.5 |
| 160° | 275.1 | 268.6 | 262.8 | 257.4 | 251.5 | 245.6 | 240.1 | 236.3 | 232.8 | 230.8 | 230.8 |
| 162.5° | 271.9 | 266.3 | 261.6 | 257.4 | 252.3 | 246.8 | 242.5 | 239.0 | 235.9 | 234.4 | 234.8 |
| 165° | 266.7 | 262.8 | 259.3 | 256.4 | 252.4 | 248.1 | 245.1 | 242.6 | 240.1 | 239.2 | 239.2 |
| 167.5° | 262.0 | 259.2 | 257.0 | 255.2 | 252.4 | 249.1 | 246.8 | 245.5 | 243.6 | 243.1 | 243.6 |
| 170° | 258.8 | 256.8 | 255.4 | 254.4 | 251.9 | 249.5 | 248.1 | 247.0 | 245.6 | 245.1 | 245.6 |
| 172.5° | 256.1 | 254.5 | 253.8 | 253.7 | 251.6 | 249.9 | 248.8 | 248.2 | 247.1 | 247.0 | 247.5 |
| 175° | 253.0 | 251.9 | 251.9 | 252.4 | 251.0 | 250.0 | 250.0 | 249.5 | 249.0 | 249.0 | 249.5 |
| 177.5° | 250.8 | 250.4 | 250.4 | 251.2 | 250.4 | 250.0 | 250.0 | 250.0 | 249.6 | 250.0 | 250.4 |
| 180° | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1446.4 | 1451.1 | 1457.3 | 1467.8 | 1471.6 | 1476.4 | 1483.1 | 1482.6 | 1484.5 | 1491.6 | 1506.8 |
| 5° | 1451.7 | 1470.2 | 1488.1 | 1509.5 | 1532.1 | 1547.0 | 1567.2 | 1579.7 | 1592.2 | 1608.3 | 1635.6 |
| 7.5° | 1453.9 | 1483.2 | 1515.9 | 1553.5 | 1587.0 | 1625.6 | 1655.6 | 1683.9 | 1709.6 | 1743.5 | 1776.2 |
| 10° | 1450.5 | 1489.8 | 1532.1 | 1579.7 | 1630.3 | 1673.2 | 1711.8 | 1755.9 | 1793.4 | 1834.4 | 1871.4 |
| 12.5° | 1444.3 | 1491.8 | 1548.3 | 1601.6 | 1660.8 | 1724.1 | 1772.3 | 1816.8 | 1866.7 | 1914.0 | 1970.9 |
| 15° | 1430.3 | 1495.2 | 1561.3 | 1631.5 | 1710.6 | 1783.8 | 1853.5 | 1911.2 | 1964.8 | 2035.7 | 2110.1 |
| 17.5° | 1412.5 | 1482.5 | 1565.7 | 1650.8 | 1733.5 | 1817.2 | 1903.4 | 1990.2 | 2057.8 | 2145.8 | 2204.0 |
| 20° | 1395.8 | 1476.7 | 1562.5 | 1663.6 | 1746.4 | 1850.5 | 1936.2 | 2020.2 | 2113.0 | 2200.5 | 2270.1 |
| 22.5° | 1372.4 | 1461.0 | 1552.0 | 1652.7 | 1761.6 | 1865.8 | 1964.8 | 2055.9 | 2148.7 | 2243.9 | 2328.2 |
| 25° | 1342.8 | 1423.1 | 1530.9 | 1645.2 | 1753.5 | 1866.6 | 1980.3 | 2094.6 | 2194.5 | 2295.2 | 2373.7 |
| 27.5° | 1292.4 | 1393.8 | 1494.1 | 1612.1 | 1732.4 | 1860.4 | 1981.9 | 2101.6 | 2206.3 | 2289.1 | 2337.8 |
| 30° | 1266.6 | 1354.7 | 1463.6 | 1582.1 | 1712.4 | 1849.9 | 1976.7 | 2094.0 | 2191.6 | 2257.6 | 2277.3 |
| 32.5° | 1228.6 | 1319.5 | 1426.0 | 1548.8 | 1686.7 | 1828.0 | 1960.1 | 2070.6 | 2152.1 | 2186.7 | 2163.0 |
| 35° | 1172.0 | 1254.1 | 1361.8 | 1487.5 | 1630.9 | 1781.5 | 1911.9 | 2005.3 | 2046.9 | 2014.2 | 1932.7 |
| 37.5° | 1104.1 | 1185.5 | 1293.7 | 1417.1 | 1565.6 | 1718.6 | 1836.5 | 1903.8 | 1889.9 | 1808.5 | 1687.0 |
| 40° | 1056.5 | 1132.7 | 1235.7 | 1369.0 | 1513.6 | 1667.2 | 1770.7 | 1807.1 | 1769.0 | 1652.3 | 1523.2 |
| 42.5° | 1003.7 | 1078.0 | 1181.4 | 1309.9 | 1463.2 | 1604.8 | 1695.1 | 1698.1 | 1634.2 | 1494.7 | 1365.0 |
| 45° | 923.2 | 994.0 | 1091.7 | 1225.5 | 1367.2 | 1500.6 | 1560.0 | 1530.9 | 1413.1 | 1278.5 | 1148.1 |
| 47.5° | 843.8 | 905.2 | 1001.4 | 1128.5 | 1263.1 | 1375.3 | 1404.8 | 1352.3 | 1226.8 | 1096.1 | 975.3 |
| 50° | 785.7 | 847.6 | 938.1 | 1059.5 | 1189.2 | 1286.2 | 1300.5 | 1230.9 | 1107.7 | 976.1 | 881.5 |
| 52.5° | 730.0 | 791.4 | 878.6 | 990.9 | 1109.7 | 1197.2 | 1197.7 | 1117.1 | 994.4 | 877.1 | 789.1 |
| 55° | 648.2 | 703.5 | 782.1 | 882.7 | 988.7 | 1057.1 | 1040.4 | 957.1 | 850.6 | 748.8 | 672.0 |
| 57.5° | 569.4 | 617.6 | 690.0 | 773.9 | 867.2 | 923.7 | 896.0 | 815.8 | 720.7 | 634.4 | 576.2 |
| 60° | 518.4 | 564.3 | 626.2 | 705.3 | 783.9 | 827.9 | 801.8 | 729.1 | 641.6 | 572.0 | 521.4 |
| 62.5° | 468.9 | 507.6 | 567.1 | 635.8 | 708.7 | 741.3 | 718.0 | 646.3 | 570.7 | 507.7 | 466.7 |
| 65° | 398.8 | 430.3 | 477.9 | 536.9 | 589.9 | 617.9 | 598.2 | 531.5 | 473.8 | 428.5 | 395.8 |
| 67.5° | 333.3 | 358.0 | 394.0 | 441.3 | 486.3 | 501.4 | 483.5 | 437.1 | 388.2 | 352.0 | 328.9 |
| 70° | 288.1 | 311.3 | 341.6 | 378.0 | 417.2 | 433.3 | 415.4 | 378.6 | 338.7 | 305.3 | 282.8 |
| 72.5° | 248.6 | 266.6 | 292.1 | 323.2 | 354.0 | 370.0 | 357.8 | 322.4 | 288.7 | 263.9 | 244.6 |
| 75° | 189.2 | 204.7 | 222.6 | 244.6 | 268.5 | 279.1 | 268.5 | 244.0 | 220.8 | 202.3 | 188.6 |
| 77.5° | 137.6 | 145.9 | 159.7 | 176.2 | 191.1 | 199.2 | 190.0 | 173.4 | 159.3 | 146.6 | 139.9 |
| 80° | 104.8 | 110.7 | 120.2 | 133.4 | 143.4 | 151.2 | 145.3 | 131.6 | 120.2 | 111.9 | 108.9 |
| 82.5° | 76.2 | 80.2 | 86.4 | 96.2 | 103.0 | 106.9 | 104.3 | 94.4 | 89.7 | 82.4 | 79.4 |
| 85° | 37.5 | 39.9 | 44.1 | 47.0 | 53.0 | 53.6 | 54.2 | 50.0 | 45.8 | 44.1 | 41.7 |
| 87.5° | 13.2 | 13.9 | 15.4 | 17.0 | 18.9 | 20.0 | 19.5 | 19.6 | 18.0 | 17.4 | 15.6 |
| 90° | 1.5 | 2.9 | 3.4 | 4.0 | 4.0 | 6.9 | 6.9 | 7.8 | 8.9 | 8.4 | 8.9 |
| 92.5° | 8.2 | 12.7 | 18.8 | 25.9 | 36.2 | 61.1 | 99.2 | 136.4 | 155.8 | 129.8 | 96.4 |
| 95° | 17.7 | 22.6 | 29.0 | 40.7 | 61.4 | 104.1 | 184.7 | 302.0 | 400.3 | 411.6 | 363.9 |
| 97.5° | 29.1 | 33.3 | 39.2 | 49.3 | 66.6 | 99.5 | 166.0 | 282.8 | 421.6 | 517.1 | 537.7 |
| 100° | 37.4 | 40.7 | 46.7 | 56.0 | 71.7 | 100.7 | 156.2 | 256.4 | 394.9 | 520.6 | 592.4 |
| 102.5° | 46.0 | 49.0 | 54.5 | 63.5 | 78.4 | 104.6 | 153.4 | 238.7 | 361.5 | 491.1 | 589.6 |
| 105° | 59.0 | 61.4 | 67.3 | 76.1 | 90.4 | 113.9 | 154.7 | 223.5 | 322.2 | 437.6 | 550.1 |
| 107.5° | 72.0 | 74.5 | 80.8 | 89.2 | 103.2 | 124.8 | 162.0 | 220.8 | 300.2 | 394.4 | 494.0 |
| 110° | 81.0 | 83.5 | 89.4 | 98.2 | 111.5 | 133.1 | 167.5 | 221.5 | 292.7 | 372.8 | 460.2 |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 89.7 | 92.6 | 98.1 | 106.9 | 120.1 | 140.9 | 173.4 | 223.9 | 289.2 | 360.6 | 435.5 |
| 115° | 102.6 | 106.1 | 111.0 | 120.4 | 133.6 | 153.3 | 182.7 | 228.4 | 287.3 | 349.2 | 410.6 |
| 117.5° | 115.5 | 118.6 | 124.0 | 132.7 | 146.5 | 165.1 | 192.3 | 233.2 | 286.8 | 344.1 | 398.4 |
| 120° | 123.8 | 127.2 | 132.6 | 140.9 | 154.7 | 173.4 | 198.9 | 236.8 | 286.8 | 341.4 | 393.0 |
| 122.5° | 131.6 | 135.1 | 140.1 | 149.2 | 162.6 | 181.2 | 205.2 | 240.3 | 286.5 | 338.2 | 388.2 |
| 125° | 142.9 | 145.9 | 151.3 | 160.6 | 174.4 | 192.0 | 214.6 | 245.6 | 285.9 | 333.0 | 380.1 |
| 127.5° | 151.7 | 155.2 | 161.4 | 171.1 | 184.9 | 202.1 | 222.8 | 249.8 | 284.7 | 326.1 | 370.3 |
| 130° | 157.1 | 161.1 | 168.5 | 177.8 | 192.0 | 208.7 | 227.9 | 253.0 | 284.4 | 321.7 | 362.5 |
| 132.5° | 161.9 | 167.0 | 174.0 | 184.1 | 197.5 | 214.2 | 233.0 | 255.7 | 284.0 | 317.8 | 354.2 |
| 135° | 169.4 | 174.4 | 182.7 | 193.0 | 205.8 | 222.0 | 239.7 | 259.8 | 283.4 | 311.9 | 342.9 |
| 137.5° | 176.5 | 181.9 | 189.9 | 200.6 | 212.8 | 227.9 | 244.4 | 262.3 | 283.3 | 306.8 | 332.5 |
| 140° | 181.2 | 186.7 | 195.0 | 205.3 | 217.1 | 231.9 | 247.5 | 264.2 | 282.9 | 304.0 | 326.6 |
| 142.5° | 186.8 | 191.7 | 199.7 | 209.7 | 221.0 | 235.4 | 249.9 | 265.8 | 282.9 | 301.7 | 321.2 |
| 145° | 194.5 | 199.4 | 206.3 | 215.6 | 226.4 | 239.2 | 252.4 | 266.7 | 281.9 | 297.6 | 313.3 |
| 147.5° | 202.2 | 206.6 | 213.6 | 221.4 | 231.2 | 243.1 | 254.7 | 267.2 | 280.2 | 294.0 | 306.9 |
| 150° | 207.8 | 211.7 | 217.6 | 225.0 | 234.3 | 245.1 | 255.9 | 267.2 | 279.0 | 291.3 | 303.1 |
| 152.5° | 212.5 | 216.4 | 221.9 | 228.5 | 237.0 | 246.7 | 256.7 | 266.4 | 277.0 | 288.1 | 298.7 |
| 155° | 220.1 | 223.0 | 227.9 | 233.3 | 240.6 | 249.0 | 257.4 | 265.2 | 274.1 | 283.4 | 292.2 |
| 157.5° | 226.5 | 229.3 | 233.1 | 237.8 | 243.6 | 250.7 | 257.4 | 264.0 | 271.0 | 278.6 | 285.2 |
| 160° | 230.8 | 232.8 | 236.3 | 240.1 | 245.6 | 251.5 | 257.4 | 262.8 | 268.6 | 275.1 | 280.9 |
| 162.5° | 234.4 | 235.9 | 239.0 | 242.5 | 246.8 | 252.3 | 257.4 | 261.6 | 266.3 | 271.9 | 276.6 |
| 165° | 239.2 | 240.1 | 242.6 | 245.1 | 248.1 | 252.4 | 256.4 | 259.3 | 262.8 | 266.7 | 270.6 |
| 167.5° | 243.1 | 243.6 | 245.5 | 246.8 | 249.1 | 252.4 | 255.2 | 257.0 | 259.2 | 262.0 | 264.8 |
| 170° | 245.1 | 245.6 | 247.0 | 248.1 | 249.5 | 251.9 | 254.4 | 255.4 | 256.8 | 258.8 | 261.3 |
| 172.5° | 247.0 | 247.1 | 248.2 | 248.8 | 249.9 | 251.6 | 253.7 | 253.8 | 254.5 | 256.1 | 258.1 |
| 175° | 249.0 | 249.0 | 249.5 | 250.0 | 250.0 | 251.0 | 252.4 | 251.9 | 251.9 | 253.0 | 253.9 |
| 177.5° | 250.0 | 249.6 | 250.0 | 250.0 | 250.0 | 250.4 | 251.2 | 250.4 | 250.4 | 250.8 | 251.2 |
| 180° | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 |



TEST NUMBER: P332636-935
 CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 2.5° | 1514.5 | 1515.4 | 1519.7 | 1523.0 | 1524.0 | 1528.8 | 1529.2 |
| 5° | 1647.5 | 1657.7 | 1677.3 | 1679.1 | 1682.0 | 1697.5 | 1685.7 |
| 7.5° | 1803.5 | 1829.2 | 1846.3 | 1861.5 | 1867.0 | 1873.7 | 1872.3 |
| 10° | 1903.5 | 1941.6 | 1960.7 | 1991.0 | 1992.2 | 1999.9 | 1995.2 |
| 12.5° | 2004.0 | 2048.2 | 2083.0 | 2088.6 | 2114.1 | 2118.0 | 2124.7 |
| 15° | 2146.3 | 2193.4 | 2241.6 | 2258.8 | 2294.0 | 2302.3 | 2315.4 |
| 17.5° | 2280.2 | 2328.2 | 2362.1 | 2406.7 | 2421.1 | 2440.4 | 2427.2 |
| 20° | 2353.5 | 2405.9 | 2448.7 | 2483.8 | 2498.7 | 2509.4 | 2508.3 |
| 22.5° | 2397.8 | 2450.6 | 2485.4 | 2511.9 | 2525.8 | 2530.4 | 2530.1 |
| 25° | 2425.5 | 2455.8 | 2466.6 | 2476.7 | 2461.3 | 2455.8 | 2458.2 |
| 27.5° | 2348.4 | 2340.5 | 2312.6 | 2275.9 | 2237.7 | 2207.5 | 2191.1 |
| 30° | 2242.2 | 2195.7 | 2153.4 | 2079.7 | 2041.6 | 2019.0 | 1998.7 |
| 32.5° | 2091.7 | 2018.1 | 1936.8 | 1869.2 | 1825.9 | 1792.3 | 1787.3 |
| 35° | 1833.8 | 1723.1 | 1623.8 | 1541.0 | 1498.1 | 1461.8 | 1453.5 |
| 37.5° | 1559.1 | 1444.1 | 1354.6 | 1281.8 | 1235.7 | 1210.0 | 1186.1 |
| 40° | 1376.7 | 1277.9 | 1189.8 | 1127.9 | 1092.8 | 1074.4 | 1059.5 |
| 42.5° | 1236.2 | 1146.0 | 1058.4 | 1011.2 | 979.5 | 968.2 | 959.5 |
| 45° | 1042.2 | 958.3 | 897.6 | 861.9 | 843.4 | 824.4 | 815.5 |
| 47.5° | 886.8 | 818.6 | 778.5 | 748.2 | 728.4 | 717.1 | 711.4 |
| 50° | 798.7 | 742.8 | 707.1 | 683.9 | 666.1 | 657.1 | 652.4 |
| 52.5° | 720.7 | 674.8 | 644.7 | 626.3 | 614.2 | 607.6 | 605.7 |
| 55° | 620.8 | 585.7 | 566.6 | 550.6 | 541.7 | 535.7 | 533.3 |
| 57.5° | 539.6 | 512.6 | 497.1 | 483.9 | 480.4 | 475.4 | 473.8 |
| 60° | 486.3 | 465.5 | 452.4 | 443.4 | 440.5 | 434.5 | 435.7 |
| 62.5° | 439.1 | 422.1 | 411.0 | 405.8 | 401.9 | 396.9 | 398.6 |
| 65° | 371.4 | 359.0 | 352.9 | 348.2 | 343.5 | 340.4 | 342.9 |
| 67.5° | 311.7 | 303.1 | 295.0 | 292.2 | 289.9 | 289.4 | 286.9 |
| 70° | 272.6 | 265.4 | 258.3 | 256.6 | 256.6 | 254.2 | 253.6 |
| 72.5° | 235.0 | 229.7 | 225.0 | 223.7 | 221.8 | 222.7 | 220.2 |
| 75° | 181.5 | 177.4 | 175.6 | 173.8 | 173.2 | 173.2 | 171.4 |
| 77.5° | 134.1 | 131.0 | 128.2 | 128.2 | 126.1 | 125.3 | 125.0 |
| 80° | 101.8 | 100.6 | 98.2 | 98.2 | 97.0 | 97.6 | 96.4 |
| 82.5° | 76.5 | 74.9 | 74.4 | 73.4 | 71.8 | 71.9 | 70.7 |
| 85° | 41.1 | 39.3 | 38.7 | 36.9 | 35.7 | 36.9 | 35.7 |
| 87.5° | 16.2 | 15.8 | 15.3 | 14.5 | 14.0 | 13.9 | 12.6 |
| 90° | 9.3 | 9.8 | 9.8 | 10.3 | 10.8 | 10.3 | 10.3 |
| 92.5° | 72.6 | 57.8 | 48.0 | 42.1 | 39.5 | 37.8 | 37.8 |
| 95° | 287.8 | 222.0 | 174.4 | 150.3 | 135.1 | 126.2 | 119.9 |
| 97.5° | 509.5 | 461.4 | 410.1 | 374.9 | 345.3 | 330.5 | 320.3 |
| 100° | 602.2 | 578.1 | 541.7 | 499.0 | 469.1 | 454.3 | 450.4 |
| 102.5° | 638.3 | 645.3 | 630.2 | 603.9 | 582.2 | 566.7 | 563.5 |
| 105° | 635.1 | 683.7 | 703.9 | 704.8 | 700.9 | 694.0 | 691.0 |
| 107.5° | 584.4 | 653.0 | 696.7 | 721.0 | 732.2 | 737.1 | 738.4 |
| 110° | 545.2 | 616.4 | 670.5 | 705.3 | 725.9 | 734.8 | 739.2 |



TEST NUMBER: P332636-935

CATALOG NUMBER: SA4XXDIP-C1020D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 510.6 | 577.9 | 631.9 | 671.5 | 696.5 | 708.9 | 716.0 |
| 115° | 471.1 | 528.5 | 575.7 | 614.4 | 643.9 | 659.6 | 663.6 |
| 117.5° | 448.4 | 493.6 | 533.6 | 566.7 | 591.4 | 607.3 | 610.4 |
| 120° | 438.6 | 477.9 | 512.7 | 540.8 | 562.4 | 575.1 | 580.6 |
| 122.5° | 432.3 | 468.0 | 498.6 | 522.3 | 540.8 | 551.6 | 557.0 |
| 125° | 422.4 | 456.2 | 483.3 | 502.9 | 517.2 | 526.5 | 529.4 |
| 127.5° | 410.7 | 444.5 | 470.1 | 489.9 | 502.6 | 510.4 | 513.3 |
| 130° | 401.3 | 434.6 | 460.7 | 480.9 | 493.1 | 501.0 | 503.9 |
| 132.5° | 390.6 | 423.3 | 449.3 | 469.1 | 482.9 | 490.3 | 493.4 |
| 135° | 374.8 | 404.7 | 429.3 | 448.9 | 462.7 | 470.5 | 473.5 |
| 137.5° | 359.6 | 384.8 | 407.0 | 425.3 | 438.9 | 445.4 | 448.9 |
| 140° | 349.7 | 371.8 | 392.4 | 409.7 | 420.4 | 427.3 | 431.3 |
| 142.5° | 341.5 | 360.4 | 378.3 | 393.5 | 403.6 | 409.7 | 412.3 |
| 145° | 330.0 | 344.8 | 358.5 | 370.8 | 379.2 | 384.1 | 386.5 |
| 147.5° | 320.2 | 332.0 | 342.9 | 351.9 | 359.0 | 362.7 | 363.7 |
| 150° | 314.4 | 324.2 | 333.0 | 340.9 | 347.2 | 350.2 | 350.7 |
| 152.5° | 308.4 | 317.5 | 324.8 | 331.4 | 336.7 | 338.4 | 338.9 |
| 155° | 300.1 | 307.5 | 313.3 | 318.3 | 322.2 | 323.6 | 323.6 |
| 157.5° | 291.9 | 298.0 | 302.7 | 306.5 | 309.4 | 310.3 | 310.3 |
| 160° | 286.4 | 291.7 | 295.7 | 298.6 | 301.6 | 302.0 | 302.0 |
| 162.5° | 281.2 | 285.4 | 289.0 | 291.2 | 294.1 | 294.6 | 294.2 |
| 165° | 273.5 | 277.0 | 279.5 | 281.5 | 283.4 | 282.9 | 282.4 |
| 167.5° | 267.1 | 269.8 | 271.3 | 272.3 | 273.5 | 273.5 | 273.1 |
| 170° | 262.8 | 264.8 | 266.2 | 267.2 | 267.7 | 267.2 | 267.2 |
| 172.5° | 259.2 | 260.5 | 261.5 | 262.1 | 262.6 | 262.1 | 261.3 |
| 175° | 254.4 | 255.4 | 255.4 | 255.4 | 256.4 | 255.4 | 254.4 |
| 177.5° | 251.6 | 251.6 | 251.9 | 251.6 | 251.9 | 251.2 | 250.4 |
| 180° | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 | 250.0 |

(END OF REPORT)