

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: P332963-940

Luminaire Tested: **SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332963-940
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: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1020 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 590 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5752.0 lumens
Efficiency: N/A
Efficacy: 117.9 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.23 / 1.39
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: Semi-Direct

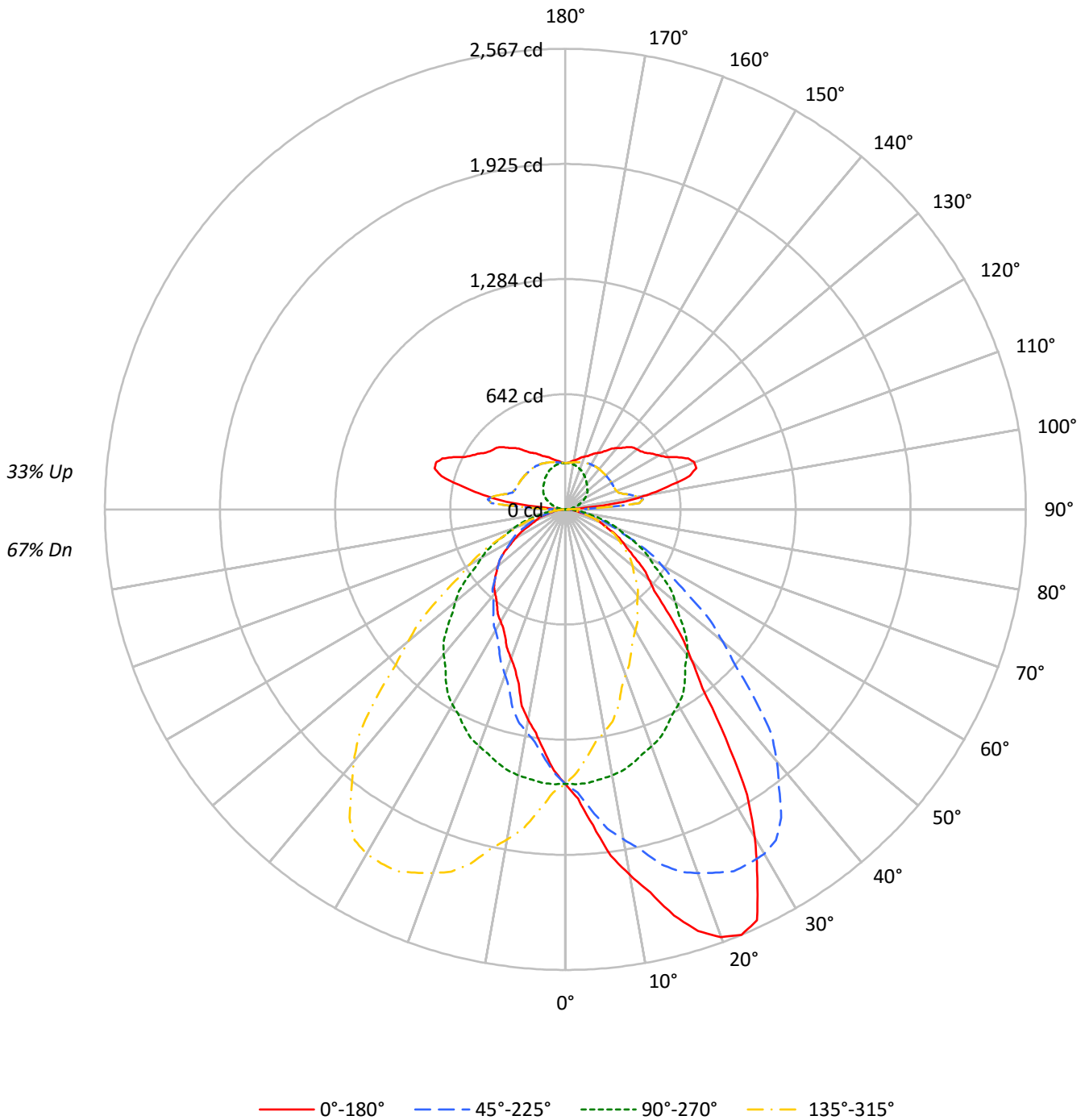
Input Watts (W): 48.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-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 | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 93 | 93 | 93 | 82 | 82 | 82 | 72 | 72 | 72 | 67 | | | | |
| 1 | 102 | 98 | 94 | 91 | 96 | 93 | 89 | 86 | 83 | 80 | 78 | 73 | 71 | 70 | 65 | 63 | 62 | 58 | | | | |
| 2 | 94 | 86 | 80 | 75 | 88 | 82 | 76 | 72 | 73 | 69 | 65 | 65 | 62 | 59 | 58 | 55 | 53 | 50 | | | | |
| 3 | 86 | 76 | 69 | 64 | 81 | 73 | 66 | 61 | 65 | 60 | 56 | 58 | 54 | 51 | 52 | 49 | 46 | 43 | | | | |
| 4 | 79 | 68 | 60 | 54 | 74 | 65 | 58 | 52 | 58 | 53 | 48 | 52 | 48 | 44 | 46 | 43 | 40 | 37 | | | | |
| 5 | 73 | 61 | 53 | 47 | 68 | 58 | 51 | 45 | 52 | 46 | 42 | 47 | 42 | 39 | 42 | 38 | 35 | 32 | | | | |
| 6 | 67 | 55 | 47 | 41 | 63 | 52 | 45 | 40 | 47 | 41 | 37 | 43 | 38 | 34 | 38 | 34 | 31 | 29 | | | | |
| 7 | 62 | 50 | 42 | 36 | 59 | 48 | 40 | 35 | 43 | 37 | 33 | 39 | 34 | 30 | 35 | 31 | 28 | 26 | | | | |
| 8 | 58 | 46 | 38 | 32 | 55 | 44 | 36 | 31 | 40 | 34 | 29 | 36 | 31 | 27 | 32 | 28 | 25 | 23 | | | | |
| 9 | 54 | 42 | 34 | 29 | 51 | 40 | 33 | 28 | 36 | 31 | 26 | 33 | 28 | 25 | 30 | 26 | 23 | 21 | | | | |
| 10 | 51 | 38 | 31 | 26 | 48 | 37 | 30 | 26 | 34 | 28 | 24 | 31 | 26 | 22 | 28 | 24 | 21 | 19 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 12352 | 12352 | 12352 | 12352 |
| 5° | 14327 | 12388 | 10950 | 12388 |
| 10° | 16948 | 12336 | 9773 | 12336 |
| 15° | 19578 | 12221 | 8398 | 12221 |
| 20° | 21798 | 12064 | 7594 | 12064 |
| 25° | 22502 | 11909 | 7050 | 11909 |
| 30° | 19699 | 11723 | 6723 | 11723 |
| 35° | 15334 | 11446 | 6525 | 11446 |
| 40° | 11499 | 11129 | 6418 | 11129 |
| 45° | 9079 | 10620 | 6361 | 10620 |
| 50° | 7665 | 10034 | 6179 | 10034 |
| 55° | 6681 | 9388 | 5847 | 9388 |
| 60° | 6011 | 8719 | 5176 | 8719 |
| 65° | 5299 | 7996 | 4451 | 7996 |
| 70° | 4773 | 7246 | 4015 | 7246 |
| 75° | 3999 | 6422 | 3425 | 6422 |
| 80° | 3384 | 5472 | 3208 | 5472 |
| 85° | 2862 | 4279 | 2862 | 4279 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 148.2 | 2.6 |
| 10°-20° | 447.2 | 7.8 |
| 20°-30° | 699.4 | 12.2 |
| 30°-40° | 777.5 | 13.5 |
| 40°-50° | 689.9 | 12.0 |
| 50°-60° | 537.6 | 9.3 |
| 60°-70° | 351.9 | 6.1 |
| 70°-80° | 173.1 | 3.0 |
| 80°-90° | 44.1 | 0.8 |
| 90°-100° | 187.0 | 3.3 |
| 100°-110° | 389.2 | 6.8 |
| 110°-120° | 348.6 | 6.1 |
| 120°-130° | 293.2 | 5.1 |
| 130°-140° | 244.5 | 4.3 |
| 140°-150° | 186.8 | 3.2 |
| 150°-160° | 131.3 | 2.3 |
| 160°-170° | 77.2 | 1.3 |
| 170°-180° | 25.1 | 0.4 |
| 0°-30° | 1294.9 | 22.5 |
| 0°-40° | 2072.4 | 36.0 |
| 0°-60° | 3299.8 | 57.4 |
| 0°-90° | 3869.0 | 67.3 |
| 90°-120° | 924.8 | 16.1 |
| 90°-150° | 1649.4 | 28.7 |
| 90°-180° | 1883.0 | 32.7 |
| 0°-180° | 5752.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1530 | 1530 | 1530 | 1530 | 1530 | |
| 5° | 1768 | 1529 | 1351 | 1529 | 1768 | 179 |
| 15° | 2342 | 1462 | 1005 | 1462 | 2342 | 666 |
| 25° | 2526 | 1337 | 792 | 1337 | 2526 | 1121 |
| 35° | 1556 | 1161 | 662 | 1161 | 1556 | 975 |
| 45° | 795 | 930 | 557 | 930 | 795 | 630 |
| 55° | 475 | 667 | 415 | 667 | 475 | 432 |
| 65° | 277 | 419 | 233 | 419 | 277 | 279 |
| 75° | 128 | 206 | 110 | 206 | 128 | 141 |
| 85° | 31 | 46 | 31 | 46 | 31 | 35 |
| 90° | 11 | 0 | 11 | 0 | 11 | 10 |
| 95° | 124 | 17 | 124 | 17 | 124 | 193 |
| 105° | 716 | 60 | 716 | 60 | 716 | 708 |
| 115° | 687 | 105 | 687 | 105 | 687 | 682 |
| 125° | 548 | 146 | 548 | 146 | 548 | 498 |
| 135° | 490 | 173 | 490 | 173 | 490 | 379 |
| 145° | 400 | 200 | 400 | 200 | 400 | 254 |
| 155° | 335 | 227 | 335 | 227 | 335 | 156 |
| 165° | 292 | 248 | 292 | 248 | 292 | 84 |
| 175° | 264 | 258 | 264 | 258 | 264 | 26 |
| 180° | 259 | 259 | 259 | 259 | 259 | |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1613.8 | 1618.3 | 1613.8 | 1613.4 | 1608.5 | 1607.0 | 1605.0 | 1598.6 | 1586.7 | 1579.8 | 1581.3 |
| 5° | 1768.0 | 1783.3 | 1774.8 | 1773.5 | 1760.0 | 1746.4 | 1737.8 | 1718.1 | 1697.1 | 1682.9 | 1671.2 |
| 7.5° | 1946.2 | 1955.1 | 1949.7 | 1941.1 | 1919.1 | 1906.7 | 1886.7 | 1860.6 | 1823.1 | 1794.3 | 1768.1 |
| 10° | 2067.5 | 2074.9 | 2072.5 | 2056.5 | 2040.4 | 2007.8 | 1989.2 | 1952.9 | 1905.4 | 1867.9 | 1832.6 |
| 12.5° | 2186.9 | 2194.8 | 2173.1 | 2173.8 | 2143.5 | 2117.7 | 2088.4 | 2042.6 | 1987.8 | 1939.3 | 1895.3 |
| 15° | 2342.5 | 2332.6 | 2332.6 | 2320.3 | 2286.3 | 2250.7 | 2220.4 | 2172.4 | 2103.3 | 2045.3 | 1984.3 |
| 17.5° | 2464.3 | 2467.7 | 2462.7 | 2433.6 | 2407.0 | 2370.0 | 2314.6 | 2258.5 | 2194.4 | 2116.7 | 2054.2 |
| 20° | 2537.3 | 2537.3 | 2531.7 | 2512.0 | 2477.5 | 2438.0 | 2378.3 | 2317.2 | 2235.9 | 2157.6 | 2087.3 |
| 22.5° | 2566.9 | 2568.8 | 2562.3 | 2546.0 | 2515.0 | 2476.5 | 2425.5 | 2363.6 | 2279.7 | 2191.6 | 2104.5 |
| 25° | 2526.2 | 2537.9 | 2539.1 | 2534.8 | 2525.6 | 2502.1 | 2458.4 | 2394.9 | 2319.7 | 2224.1 | 2130.4 |
| 27.5° | 2319.3 | 2334.1 | 2347.1 | 2368.4 | 2396.7 | 2411.5 | 2413.5 | 2381.2 | 2315.6 | 2223.7 | 2129.3 |
| 30° | 2113.2 | 2125.5 | 2165.6 | 2218.0 | 2258.6 | 2295.6 | 2327.7 | 2336.3 | 2299.4 | 2216.7 | 2117.5 |
| 32.5° | 1884.4 | 1901.1 | 1941.2 | 1997.5 | 2065.3 | 2128.0 | 2199.9 | 2236.7 | 2235.7 | 2186.1 | 2094.3 |
| 35° | 1555.9 | 1568.3 | 1605.3 | 1664.4 | 1745.8 | 1838.9 | 1952.9 | 2041.7 | 2102.0 | 2097.7 | 2041.7 |
| 37.5° | 1254.8 | 1268.7 | 1306.1 | 1355.2 | 1434.1 | 1549.3 | 1659.7 | 1782.0 | 1893.7 | 1956.5 | 1937.7 |
| 40° | 1091.1 | 1091.7 | 1128.1 | 1178.7 | 1252.6 | 1353.1 | 1473.3 | 1608.9 | 1733.4 | 1835.1 | 1854.8 |
| 42.5° | 961.9 | 962.0 | 986.1 | 1040.5 | 1093.9 | 1188.4 | 1303.1 | 1437.8 | 1583.5 | 1701.0 | 1753.3 |
| 45° | 795.2 | 800.8 | 820.5 | 853.2 | 895.1 | 975.2 | 1067.0 | 1192.2 | 1355.6 | 1494.9 | 1581.8 |
| 47.5° | 673.4 | 681.5 | 694.1 | 720.8 | 754.1 | 807.5 | 883.5 | 996.0 | 1128.8 | 1282.1 | 1405.8 |
| 50° | 610.3 | 611.5 | 627.5 | 642.3 | 671.3 | 713.8 | 780.4 | 874.1 | 996.1 | 1143.5 | 1280.9 |
| 52.5° | 556.1 | 555.8 | 565.4 | 584.2 | 607.7 | 640.9 | 694.6 | 779.9 | 888.1 | 1020.2 | 1162.1 |
| 55° | 474.7 | 477.8 | 485.2 | 499.9 | 517.8 | 541.3 | 583.8 | 647.9 | 733.0 | 845.8 | 974.6 |
| 57.5° | 412.8 | 414.4 | 420.2 | 426.4 | 442.8 | 459.9 | 491.8 | 536.3 | 608.1 | 700.4 | 820.5 |
| 60° | 372.3 | 372.9 | 374.8 | 384.1 | 397.0 | 413.0 | 434.6 | 472.2 | 532.6 | 617.1 | 712.0 |
| 62.5° | 332.9 | 333.9 | 336.8 | 343.6 | 353.6 | 364.7 | 387.3 | 417.5 | 467.5 | 539.7 | 625.2 |
| 65° | 277.4 | 278.0 | 282.3 | 284.8 | 292.8 | 302.6 | 319.3 | 339.7 | 374.2 | 434.6 | 499.4 |
| 67.5° | 231.8 | 231.8 | 232.0 | 235.3 | 240.9 | 247.4 | 257.4 | 273.7 | 299.7 | 336.8 | 393.9 |
| 70° | 202.2 | 202.2 | 203.4 | 205.3 | 208.4 | 213.9 | 219.5 | 231.8 | 250.9 | 281.1 | 324.9 |
| 72.5° | 174.6 | 175.0 | 176.3 | 176.6 | 178.3 | 182.8 | 186.9 | 194.8 | 209.0 | 231.8 | 267.2 |
| 75° | 128.2 | 130.1 | 133.1 | 135.6 | 138.7 | 138.1 | 142.4 | 147.3 | 151.7 | 165.2 | 185.6 |
| 77.5° | 95.4 | 94.4 | 94.8 | 96.9 | 97.3 | 97.9 | 100.9 | 104.8 | 108.0 | 114.4 | 121.7 |
| 80° | 72.8 | 72.8 | 74.5 | 75.2 | 74.5 | 75.2 | 78.3 | 80.2 | 81.4 | 83.8 | 90.6 |
| 82.5° | 55.0 | 56.0 | 55.4 | 56.0 | 56.4 | 57.0 | 59.6 | 59.9 | 61.2 | 62.2 | 65.0 |
| 85° | 30.9 | 31.5 | 32.0 | 30.9 | 30.9 | 30.9 | 32.0 | 32.6 | 33.9 | 33.3 | 34.5 |
| 87.5° | 13.0 | 12.5 | 13.1 | 13.0 | 13.4 | 12.8 | 13.3 | 14.2 | 13.1 | 13.6 | 13.5 |
| 90° | 10.7 | 10.7 | 11.1 | 10.7 | 10.2 | 10.2 | 9.6 | 9.2 | 8.6 | 9.2 | 8.1 |
| 92.5° | 39.1 | 39.1 | 40.9 | 43.6 | 49.7 | 59.8 | 75.2 | 99.9 | 134.4 | 161.3 | 141.2 |
| 95° | 124.1 | 130.7 | 139.9 | 155.7 | 180.6 | 229.9 | 298.1 | 376.9 | 426.2 | 414.6 | 312.8 |
| 97.5° | 331.7 | 342.3 | 357.6 | 388.3 | 424.7 | 477.9 | 527.6 | 556.9 | 535.6 | 436.7 | 292.8 |
| 100° | 466.5 | 470.6 | 485.8 | 516.8 | 561.1 | 598.7 | 623.7 | 613.5 | 539.2 | 408.9 | 265.6 |
| 102.5° | 583.6 | 586.9 | 603.0 | 625.4 | 652.6 | 668.3 | 661.1 | 610.6 | 508.6 | 374.4 | 247.2 |
| 105° | 715.7 | 718.7 | 725.9 | 730.0 | 729.0 | 708.1 | 657.7 | 569.7 | 453.3 | 333.7 | 231.5 |
| 107.5° | 764.7 | 763.4 | 758.3 | 746.7 | 721.6 | 676.3 | 605.3 | 511.7 | 408.5 | 310.9 | 228.6 |
| 110° | 765.5 | 761.0 | 751.8 | 730.5 | 694.4 | 638.4 | 564.6 | 476.6 | 386.1 | 303.2 | 229.4 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 741.5 | 734.1 | 721.3 | 695.4 | 654.4 | 598.5 | 528.8 | 451.0 | 373.4 | 299.5 | 231.8 |
| 115° | 687.2 | 683.1 | 666.9 | 636.3 | 596.2 | 547.3 | 487.9 | 425.3 | 361.7 | 297.6 | 236.6 |
| 117.5° | 632.2 | 629.0 | 612.5 | 586.9 | 552.6 | 511.2 | 464.4 | 412.6 | 356.4 | 297.0 | 241.5 |
| 120° | 601.3 | 595.7 | 582.5 | 560.1 | 531.0 | 494.9 | 454.2 | 407.0 | 353.6 | 297.0 | 245.2 |
| 122.5° | 576.8 | 571.2 | 560.1 | 540.9 | 516.4 | 484.7 | 447.7 | 402.1 | 350.3 | 296.7 | 248.9 |
| 125° | 548.3 | 545.3 | 535.7 | 520.8 | 500.5 | 472.5 | 437.5 | 393.7 | 344.9 | 296.0 | 254.3 |
| 127.5° | 531.6 | 528.6 | 520.5 | 507.4 | 486.9 | 460.4 | 425.3 | 383.5 | 337.7 | 294.9 | 258.7 |
| 130° | 521.9 | 518.9 | 510.7 | 498.0 | 477.2 | 450.1 | 415.6 | 375.4 | 333.1 | 294.5 | 262.0 |
| 132.5° | 511.0 | 507.8 | 500.2 | 485.8 | 465.3 | 438.4 | 404.6 | 366.8 | 329.1 | 294.1 | 264.8 |
| 135° | 490.4 | 487.3 | 479.2 | 464.9 | 444.6 | 419.1 | 388.2 | 355.1 | 323.0 | 293.5 | 269.1 |
| 137.5° | 464.9 | 461.3 | 454.6 | 440.5 | 421.5 | 398.5 | 372.4 | 344.4 | 317.7 | 293.4 | 271.6 |
| 140° | 446.7 | 442.6 | 435.4 | 424.3 | 406.4 | 385.0 | 362.2 | 338.2 | 314.9 | 293.0 | 273.7 |
| 142.5° | 427.0 | 424.3 | 417.9 | 407.5 | 391.8 | 373.3 | 353.7 | 332.6 | 312.5 | 293.0 | 275.3 |
| 145° | 400.3 | 397.8 | 392.7 | 384.1 | 371.3 | 357.1 | 341.8 | 324.5 | 308.3 | 291.9 | 276.3 |
| 147.5° | 376.7 | 375.7 | 371.8 | 364.4 | 355.1 | 343.8 | 331.6 | 317.9 | 304.5 | 290.2 | 276.7 |
| 150° | 363.2 | 362.7 | 359.6 | 353.0 | 344.9 | 335.7 | 325.6 | 313.9 | 301.7 | 288.9 | 276.7 |
| 152.5° | 351.0 | 350.4 | 348.7 | 343.2 | 336.4 | 328.8 | 319.4 | 309.3 | 298.4 | 286.9 | 275.9 |
| 155° | 335.2 | 335.2 | 333.7 | 329.7 | 324.5 | 318.4 | 310.8 | 302.6 | 293.5 | 283.8 | 274.6 |
| 157.5° | 321.4 | 321.4 | 320.5 | 317.4 | 313.5 | 308.6 | 302.3 | 295.4 | 288.6 | 280.7 | 273.4 |
| 160° | 312.8 | 312.8 | 312.4 | 309.2 | 306.2 | 302.1 | 296.6 | 291.0 | 284.9 | 278.2 | 272.2 |
| 162.5° | 304.7 | 305.1 | 304.6 | 301.6 | 299.3 | 295.6 | 291.2 | 286.5 | 281.6 | 275.8 | 270.9 |
| 165° | 292.5 | 293.0 | 293.5 | 291.5 | 289.4 | 286.9 | 283.3 | 280.3 | 276.3 | 272.2 | 268.6 |
| 167.5° | 282.9 | 283.2 | 283.3 | 282.0 | 281.0 | 279.5 | 276.6 | 274.3 | 271.3 | 268.5 | 266.2 |
| 170° | 276.7 | 276.7 | 277.2 | 276.7 | 275.7 | 274.2 | 272.2 | 270.6 | 268.0 | 266.0 | 264.5 |
| 172.5° | 270.6 | 271.4 | 272.0 | 271.4 | 270.8 | 269.7 | 268.5 | 267.3 | 265.2 | 263.6 | 262.9 |
| 175° | 263.5 | 264.5 | 265.6 | 264.5 | 264.5 | 264.5 | 263.5 | 263.0 | 262.0 | 260.9 | 260.9 |
| 177.5° | 259.3 | 260.1 | 260.9 | 260.6 | 260.9 | 260.6 | 260.6 | 260.1 | 259.8 | 259.3 | 259.3 |
| 180° | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1576.4 | 1569.5 | 1566.0 | 1558.1 | 1548.7 | 1543.8 | 1539.4 | 1532.9 | 1524.6 | 1515.7 | 1509.3 |
| 5° | 1656.4 | 1641.6 | 1623.1 | 1600.9 | 1581.2 | 1562.1 | 1545.4 | 1528.7 | 1509.7 | 1490.0 | 1470.3 |
| 7.5° | 1738.5 | 1709.4 | 1677.9 | 1641.6 | 1606.2 | 1574.0 | 1544.4 | 1516.1 | 1484.0 | 1455.3 | 1429.1 |
| 10° | 1795.7 | 1756.2 | 1712.4 | 1666.3 | 1620.0 | 1579.9 | 1540.5 | 1504.8 | 1465.3 | 1430.1 | 1400.5 |
| 12.5° | 1842.1 | 1795.7 | 1743.0 | 1685.5 | 1629.9 | 1581.4 | 1536.1 | 1489.4 | 1444.6 | 1406.5 | 1367.0 |
| 15° | 1919.0 | 1855.5 | 1784.6 | 1715.6 | 1643.4 | 1577.4 | 1516.4 | 1462.2 | 1411.0 | 1357.5 | 1319.8 |
| 17.5° | 1971.8 | 1896.6 | 1810.4 | 1727.4 | 1642.2 | 1564.4 | 1494.0 | 1429.4 | 1370.4 | 1315.6 | 1270.9 |
| 20° | 2003.4 | 1920.2 | 1824.7 | 1730.4 | 1634.8 | 1551.6 | 1475.8 | 1404.3 | 1343.3 | 1284.1 | 1237.8 |
| 22.5° | 2021.2 | 1929.1 | 1824.7 | 1725.9 | 1626.9 | 1536.8 | 1453.6 | 1379.1 | 1312.7 | 1253.5 | 1202.3 |
| 25° | 2026.9 | 1928.2 | 1821.6 | 1708.2 | 1599.6 | 1504.1 | 1417.8 | 1337.0 | 1263.1 | 1203.9 | 1149.7 |
| 27.5° | 2019.0 | 1902.8 | 1793.6 | 1677.2 | 1565.3 | 1464.5 | 1373.9 | 1289.1 | 1215.0 | 1151.6 | 1095.9 |
| 30° | 2007.2 | 1882.6 | 1765.5 | 1644.7 | 1531.2 | 1434.5 | 1338.9 | 1257.6 | 1180.4 | 1114.5 | 1058.5 |
| 32.5° | 1981.5 | 1858.0 | 1732.0 | 1608.2 | 1493.3 | 1393.6 | 1302.9 | 1221.0 | 1145.5 | 1078.1 | 1018.5 |
| 35° | 1930.7 | 1805.5 | 1668.7 | 1541.8 | 1428.9 | 1325.3 | 1240.3 | 1161.4 | 1089.2 | 1017.2 | 954.2 |
| 37.5° | 1863.8 | 1735.9 | 1599.8 | 1460.7 | 1347.8 | 1250.0 | 1172.0 | 1097.9 | 1027.5 | 961.6 | 892.0 |
| 40° | 1800.6 | 1684.1 | 1543.6 | 1405.5 | 1289.6 | 1195.2 | 1123.2 | 1056.0 | 985.1 | 919.7 | 850.1 |
| 42.5° | 1724.2 | 1625.0 | 1482.9 | 1344.3 | 1229.9 | 1139.1 | 1071.8 | 1006.1 | 941.6 | 878.3 | 805.7 |
| 45° | 1596.6 | 1521.3 | 1388.2 | 1255.1 | 1139.8 | 1049.8 | 988.2 | 930.2 | 873.5 | 813.1 | 744.7 |
| 47.5° | 1450.4 | 1399.5 | 1284.5 | 1148.2 | 1041.5 | 960.6 | 901.0 | 853.6 | 805.7 | 745.3 | 685.3 |
| 50° | 1348.8 | 1316.1 | 1205.1 | 1080.7 | 978.9 | 904.3 | 843.3 | 798.9 | 758.8 | 700.9 | 647.3 |
| 52.5° | 1240.3 | 1222.9 | 1129.2 | 1010.1 | 911.9 | 838.7 | 786.6 | 746.6 | 706.1 | 658.0 | 607.8 |
| 55° | 1075.0 | 1084.3 | 1004.8 | 901.9 | 809.4 | 747.8 | 700.3 | 667.0 | 632.5 | 591.8 | 552.9 |
| 57.5° | 906.2 | 940.0 | 886.5 | 796.2 | 709.5 | 652.6 | 616.8 | 588.8 | 559.8 | 526.1 | 492.9 |
| 60° | 805.0 | 833.4 | 803.3 | 723.7 | 647.9 | 594.9 | 561.6 | 540.0 | 511.0 | 480.2 | 455.0 |
| 62.5° | 706.4 | 736.7 | 718.9 | 654.7 | 584.2 | 538.7 | 509.3 | 489.2 | 467.6 | 440.8 | 414.5 |
| 65° | 582.6 | 602.3 | 593.6 | 549.3 | 499.4 | 460.5 | 433.4 | 418.6 | 398.9 | 379.2 | 355.7 |
| 67.5° | 446.2 | 484.3 | 479.2 | 455.7 | 412.5 | 382.2 | 364.4 | 351.3 | 333.4 | 318.7 | 302.8 |
| 70° | 366.8 | 401.9 | 401.3 | 382.2 | 358.7 | 330.4 | 318.1 | 307.0 | 291.0 | 276.8 | 263.9 |
| 72.5° | 300.2 | 332.4 | 337.2 | 322.5 | 306.5 | 285.1 | 273.2 | 265.6 | 250.0 | 240.3 | 229.8 |
| 75° | 210.2 | 233.6 | 239.8 | 239.8 | 232.4 | 221.3 | 210.8 | 205.9 | 194.8 | 186.2 | 180.0 |
| 77.5° | 137.9 | 152.7 | 162.3 | 164.4 | 165.6 | 161.8 | 153.3 | 149.8 | 141.2 | 138.2 | 132.3 |
| 80° | 97.4 | 107.3 | 118.3 | 122.1 | 125.1 | 123.9 | 120.2 | 117.7 | 109.8 | 106.6 | 104.2 |
| 82.5° | 67.3 | 72.8 | 81.9 | 90.0 | 89.2 | 92.4 | 89.2 | 87.2 | 81.1 | 80.0 | 77.6 |
| 85° | 35.1 | 35.8 | 37.0 | 42.5 | 45.7 | 46.8 | 47.4 | 46.2 | 44.4 | 44.4 | 40.0 |
| 87.5° | 13.3 | 12.8 | 13.1 | 13.1 | 13.6 | 15.4 | 16.6 | 16.9 | 15.6 | 14.4 | 13.0 |
| 90° | 7.1 | 7.1 | 4.1 | 4.1 | 3.6 | 3.0 | 1.5 | 0.5 | 1.5 | 3.0 | 3.6 |
| 92.5° | 102.7 | 63.3 | 37.5 | 26.8 | 19.4 | 13.2 | 8.5 | 5.8 | 8.5 | 13.2 | 19.4 |
| 95° | 191.3 | 107.8 | 63.6 | 42.2 | 30.1 | 23.4 | 18.3 | 16.8 | 18.3 | 23.4 | 30.1 |
| 97.5° | 171.9 | 103.1 | 69.0 | 51.1 | 40.6 | 34.5 | 30.1 | 30.1 | 30.1 | 34.5 | 40.6 |
| 100° | 161.8 | 104.2 | 74.3 | 58.0 | 48.3 | 42.2 | 38.7 | 38.7 | 38.7 | 42.2 | 48.3 |
| 102.5° | 158.9 | 108.3 | 81.1 | 65.7 | 56.4 | 50.7 | 47.6 | 46.8 | 47.6 | 50.7 | 56.4 |
| 105° | 160.2 | 118.0 | 93.6 | 78.8 | 69.7 | 63.6 | 61.1 | 59.5 | 61.1 | 63.6 | 69.7 |
| 107.5° | 167.7 | 129.3 | 106.9 | 92.4 | 83.6 | 77.1 | 74.5 | 73.6 | 74.5 | 77.1 | 83.6 |
| 110° | 173.4 | 137.9 | 115.5 | 101.7 | 92.6 | 86.5 | 83.9 | 82.9 | 83.9 | 86.5 | 92.6 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 179.6 | 146.0 | 124.4 | 110.7 | 101.6 | 95.9 | 92.9 | 91.8 | 92.9 | 95.9 | 101.6 |
| 115° | 189.2 | 158.7 | 138.4 | 124.7 | 114.9 | 109.9 | 106.3 | 104.8 | 106.3 | 109.9 | 114.9 |
| 117.5° | 199.1 | 171.0 | 151.7 | 137.4 | 128.4 | 122.8 | 119.7 | 118.2 | 119.7 | 122.8 | 128.4 |
| 120° | 206.0 | 179.6 | 160.2 | 146.0 | 137.3 | 131.7 | 128.2 | 127.2 | 128.2 | 131.7 | 137.3 |
| 122.5° | 212.5 | 187.7 | 168.4 | 154.5 | 145.1 | 139.9 | 136.3 | 135.3 | 136.3 | 139.9 | 145.1 |
| 125° | 222.3 | 198.9 | 180.6 | 166.3 | 156.7 | 151.1 | 148.0 | 146.0 | 148.0 | 151.1 | 156.7 |
| 127.5° | 230.8 | 209.3 | 191.5 | 177.2 | 167.1 | 160.8 | 157.1 | 155.4 | 157.1 | 160.8 | 167.1 |
| 130° | 236.0 | 216.2 | 198.9 | 184.1 | 174.5 | 166.8 | 162.7 | 160.8 | 162.7 | 166.8 | 174.5 |
| 132.5° | 241.3 | 221.9 | 204.6 | 190.6 | 180.2 | 173.0 | 167.6 | 166.0 | 167.6 | 173.0 | 180.2 |
| 135° | 248.3 | 229.9 | 213.1 | 199.9 | 189.2 | 180.6 | 175.5 | 173.4 | 175.5 | 180.6 | 189.2 |
| 137.5° | 253.2 | 236.0 | 220.3 | 207.8 | 196.6 | 188.4 | 182.8 | 180.9 | 182.8 | 188.4 | 196.6 |
| 140° | 256.4 | 240.1 | 224.8 | 212.6 | 202.0 | 193.3 | 187.7 | 186.2 | 187.7 | 193.3 | 202.0 |
| 142.5° | 258.8 | 243.8 | 228.9 | 217.1 | 206.8 | 198.6 | 193.4 | 191.9 | 193.4 | 198.6 | 206.8 |
| 145° | 261.4 | 247.7 | 234.5 | 223.3 | 213.7 | 206.5 | 201.4 | 199.9 | 201.4 | 206.5 | 213.7 |
| 147.5° | 263.8 | 251.8 | 239.4 | 229.3 | 221.2 | 213.9 | 209.5 | 208.9 | 209.5 | 213.9 | 221.2 |
| 150° | 265.0 | 253.9 | 242.6 | 233.0 | 225.3 | 219.3 | 215.2 | 214.6 | 215.2 | 219.3 | 225.3 |
| 152.5° | 265.8 | 255.5 | 245.5 | 236.7 | 229.8 | 224.1 | 220.1 | 220.0 | 220.1 | 224.1 | 229.8 |
| 155° | 266.5 | 257.9 | 249.2 | 241.7 | 236.0 | 231.0 | 227.9 | 227.4 | 227.9 | 231.0 | 236.0 |
| 157.5° | 266.5 | 259.7 | 252.3 | 246.3 | 241.4 | 237.5 | 234.6 | 234.6 | 234.6 | 237.5 | 241.4 |
| 160° | 266.5 | 260.5 | 254.3 | 248.7 | 244.7 | 241.1 | 239.1 | 239.1 | 239.1 | 241.1 | 244.7 |
| 162.5° | 266.5 | 261.3 | 255.6 | 251.2 | 247.5 | 244.3 | 242.7 | 243.2 | 242.7 | 244.3 | 247.5 |
| 165° | 265.6 | 261.4 | 256.9 | 253.9 | 251.3 | 248.7 | 247.7 | 247.7 | 247.7 | 248.7 | 251.3 |
| 167.5° | 264.3 | 261.4 | 258.0 | 255.7 | 254.2 | 252.3 | 251.8 | 252.3 | 251.8 | 252.3 | 254.2 |
| 170° | 263.5 | 260.9 | 258.4 | 256.9 | 255.8 | 254.3 | 253.9 | 254.3 | 253.9 | 254.3 | 255.8 |
| 172.5° | 262.7 | 260.6 | 258.8 | 257.7 | 257.1 | 255.9 | 255.8 | 256.4 | 255.8 | 255.9 | 257.1 |
| 175° | 261.4 | 259.9 | 259.0 | 259.0 | 258.4 | 257.9 | 257.9 | 258.4 | 257.9 | 257.9 | 258.4 |
| 177.5° | 260.1 | 259.3 | 259.0 | 259.0 | 259.0 | 258.5 | 259.0 | 259.3 | 259.0 | 258.5 | 259.0 |
| 180° | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1502.4 | 1497.4 | 1491.0 | 1483.6 | 1474.8 | 1466.9 | 1463.5 | 1466.4 | 1467.8 | 1463.9 | 1463.5 |
| 5° | 1456.7 | 1441.3 | 1428.9 | 1410.4 | 1395.6 | 1383.3 | 1374.7 | 1371.0 | 1372.2 | 1362.4 | 1359.9 |
| 7.5° | 1405.2 | 1387.0 | 1366.8 | 1344.8 | 1324.4 | 1306.3 | 1296.7 | 1291.6 | 1281.1 | 1276.7 | 1269.2 |
| 10° | 1372.2 | 1347.6 | 1327.8 | 1301.9 | 1278.5 | 1257.0 | 1246.4 | 1237.8 | 1227.4 | 1222.4 | 1211.9 |
| 12.5° | 1338.2 | 1309.6 | 1287.9 | 1261.0 | 1237.1 | 1211.0 | 1201.0 | 1185.1 | 1168.7 | 1158.3 | 1144.9 |
| 15° | 1290.2 | 1255.7 | 1229.2 | 1197.1 | 1168.8 | 1139.2 | 1112.7 | 1083.1 | 1072.0 | 1048.6 | 1035.0 |
| 17.5° | 1234.1 | 1199.1 | 1166.3 | 1123.3 | 1079.5 | 1042.8 | 1014.5 | 986.1 | 969.2 | 954.2 | 947.4 |
| 20° | 1197.1 | 1165.1 | 1119.5 | 1069.5 | 1020.8 | 980.2 | 957.3 | 938.9 | 920.3 | 909.9 | 902.5 |
| 22.5° | 1162.1 | 1121.1 | 1068.2 | 1014.3 | 965.6 | 933.8 | 914.4 | 895.5 | 880.4 | 870.4 | 860.6 |
| 25° | 1103.4 | 1049.8 | 993.7 | 932.1 | 898.8 | 871.0 | 850.1 | 834.6 | 825.5 | 812.4 | 807.5 |
| 27.5° | 1043.1 | 978.2 | 916.3 | 874.9 | 840.2 | 814.8 | 796.6 | 785.0 | 773.3 | 765.0 | 758.6 |
| 30° | 996.8 | 930.9 | 875.4 | 835.9 | 800.8 | 779.8 | 765.0 | 751.4 | 742.2 | 735.4 | 730.5 |
| 32.5° | 950.9 | 884.9 | 838.4 | 795.9 | 768.2 | 747.8 | 732.0 | 721.8 | 714.6 | 705.8 | 702.8 |
| 35° | 884.6 | 826.0 | 785.3 | 747.2 | 718.8 | 700.3 | 688.0 | 677.4 | 671.3 | 668.9 | 667.0 |
| 37.5° | 820.8 | 772.9 | 729.2 | 697.9 | 672.5 | 658.0 | 643.5 | 638.3 | 634.1 | 629.6 | 631.6 |
| 40° | 780.4 | 735.4 | 696.6 | 663.3 | 642.9 | 627.0 | 618.3 | 612.2 | 608.4 | 608.4 | 608.4 |
| 42.5° | 745.4 | 701.4 | 663.5 | 633.7 | 613.3 | 599.8 | 590.2 | 585.0 | 583.8 | 583.3 | 586.2 |
| 45° | 691.1 | 650.3 | 612.2 | 587.5 | 570.2 | 556.6 | 551.1 | 546.8 | 546.8 | 549.3 | 549.8 |
| 47.5° | 637.1 | 599.1 | 568.4 | 540.7 | 525.0 | 516.5 | 511.7 | 509.4 | 509.7 | 512.1 | 515.0 |
| 50° | 604.1 | 566.5 | 536.3 | 511.7 | 496.9 | 488.8 | 484.6 | 483.3 | 484.6 | 484.6 | 488.8 |
| 52.5° | 568.1 | 534.5 | 504.7 | 484.0 | 467.3 | 459.8 | 457.4 | 455.7 | 456.4 | 458.4 | 460.2 |
| 55° | 515.3 | 485.2 | 456.8 | 437.0 | 424.7 | 419.8 | 414.3 | 414.8 | 413.7 | 414.8 | 414.8 |
| 57.5° | 462.4 | 435.3 | 408.9 | 393.3 | 382.5 | 375.3 | 369.3 | 371.0 | 369.2 | 368.9 | 367.9 |
| 60° | 428.5 | 398.9 | 377.9 | 363.7 | 351.3 | 345.2 | 339.7 | 340.9 | 339.0 | 337.8 | 335.4 |
| 62.5° | 391.5 | 366.8 | 346.8 | 333.1 | 323.2 | 316.1 | 310.6 | 309.3 | 305.1 | 300.9 | 295.4 |
| 65° | 337.8 | 317.4 | 299.6 | 286.7 | 277.4 | 271.9 | 267.5 | 263.9 | 254.6 | 244.7 | 239.8 |
| 67.5° | 285.7 | 271.0 | 254.3 | 243.3 | 235.9 | 228.5 | 220.3 | 214.0 | 205.4 | 200.0 | 196.9 |
| 70° | 252.1 | 237.9 | 223.7 | 213.3 | 205.3 | 198.5 | 189.2 | 184.9 | 178.8 | 176.3 | 173.3 |
| 72.5° | 220.1 | 206.9 | 193.7 | 184.2 | 175.7 | 170.4 | 163.1 | 158.8 | 156.0 | 155.1 | 152.0 |
| 75° | 171.4 | 160.9 | 151.1 | 142.4 | 135.6 | 131.9 | 128.9 | 125.7 | 124.5 | 119.0 | 115.9 |
| 77.5° | 125.0 | 118.2 | 111.9 | 105.8 | 100.9 | 98.5 | 92.6 | 89.0 | 86.9 | 84.4 | 83.7 |
| 80° | 97.4 | 92.5 | 86.3 | 82.6 | 75.8 | 73.4 | 70.9 | 70.3 | 69.6 | 69.0 | 68.4 |
| 82.5° | 73.2 | 68.3 | 62.2 | 59.9 | 58.1 | 56.6 | 55.1 | 54.5 | 53.9 | 54.2 | 54.1 |
| 85° | 37.0 | 34.5 | 34.5 | 33.9 | 33.3 | 32.6 | 32.0 | 32.0 | 31.5 | 32.0 | 31.5 |
| 87.5° | 13.1 | 12.7 | 13.3 | 12.3 | 12.9 | 13.2 | 12.6 | 12.7 | 13.3 | 12.4 | 12.4 |
| 90° | 4.1 | 4.1 | 7.1 | 7.1 | 8.1 | 9.2 | 8.6 | 9.2 | 9.6 | 10.2 | 10.2 |
| 92.5° | 26.8 | 37.5 | 63.3 | 102.7 | 141.2 | 161.3 | 134.4 | 99.9 | 75.2 | 59.8 | 49.7 |
| 95° | 42.2 | 63.6 | 107.8 | 191.3 | 312.8 | 414.6 | 426.2 | 376.9 | 298.1 | 229.9 | 180.6 |
| 97.5° | 51.1 | 69.0 | 103.1 | 171.9 | 292.8 | 436.7 | 535.6 | 556.9 | 527.6 | 477.9 | 424.7 |
| 100° | 58.0 | 74.3 | 104.2 | 161.8 | 265.6 | 408.9 | 539.2 | 613.5 | 623.7 | 598.7 | 561.1 |
| 102.5° | 65.7 | 81.1 | 108.3 | 158.9 | 247.2 | 374.4 | 508.6 | 610.6 | 661.1 | 668.3 | 652.6 |
| 105° | 78.8 | 93.6 | 118.0 | 160.2 | 231.5 | 333.7 | 453.3 | 569.7 | 657.7 | 708.1 | 729.0 |
| 107.5° | 92.4 | 106.9 | 129.3 | 167.7 | 228.6 | 310.9 | 408.5 | 511.7 | 605.3 | 676.3 | 721.6 |
| 110° | 101.7 | 115.5 | 137.9 | 173.4 | 229.4 | 303.2 | 386.1 | 476.6 | 564.6 | 638.4 | 694.4 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 110.7 | 124.4 | 146.0 | 179.6 | 231.8 | 299.5 | 373.4 | 451.0 | 528.8 | 598.5 | 654.4 |
| 115° | 124.7 | 138.4 | 158.7 | 189.2 | 236.6 | 297.6 | 361.7 | 425.3 | 487.9 | 547.3 | 596.2 |
| 117.5° | 137.4 | 151.7 | 171.0 | 199.1 | 241.5 | 297.0 | 356.4 | 412.6 | 464.4 | 511.2 | 552.6 |
| 120° | 146.0 | 160.2 | 179.6 | 206.0 | 245.2 | 297.0 | 353.6 | 407.0 | 454.2 | 494.9 | 531.0 |
| 122.5° | 154.5 | 168.4 | 187.7 | 212.5 | 248.9 | 296.7 | 350.3 | 402.1 | 447.7 | 484.7 | 516.4 |
| 125° | 166.3 | 180.6 | 198.9 | 222.3 | 254.3 | 296.0 | 344.9 | 393.7 | 437.5 | 472.5 | 500.5 |
| 127.5° | 177.2 | 191.5 | 209.3 | 230.8 | 258.7 | 294.9 | 337.7 | 383.5 | 425.3 | 460.4 | 486.9 |
| 130° | 184.1 | 198.9 | 216.2 | 236.0 | 262.0 | 294.5 | 333.1 | 375.4 | 415.6 | 450.1 | 477.2 |
| 132.5° | 190.6 | 204.6 | 221.9 | 241.3 | 264.8 | 294.1 | 329.1 | 366.8 | 404.6 | 438.4 | 465.3 |
| 135° | 199.9 | 213.1 | 229.9 | 248.3 | 269.1 | 293.5 | 323.0 | 355.1 | 388.2 | 419.1 | 444.6 |
| 137.5° | 207.8 | 220.3 | 236.0 | 253.2 | 271.6 | 293.4 | 317.7 | 344.4 | 372.4 | 398.5 | 421.5 |
| 140° | 212.6 | 224.8 | 240.1 | 256.4 | 273.7 | 293.0 | 314.9 | 338.2 | 362.2 | 385.0 | 406.4 |
| 142.5° | 217.1 | 228.9 | 243.8 | 258.8 | 275.3 | 293.0 | 312.5 | 332.6 | 353.7 | 373.3 | 391.8 |
| 145° | 223.3 | 234.5 | 247.7 | 261.4 | 276.3 | 291.9 | 308.3 | 324.5 | 341.8 | 357.1 | 371.3 |
| 147.5° | 229.3 | 239.4 | 251.8 | 263.8 | 276.7 | 290.2 | 304.5 | 317.9 | 331.6 | 343.8 | 355.1 |
| 150° | 233.0 | 242.6 | 253.9 | 265.0 | 276.7 | 288.9 | 301.7 | 313.9 | 325.6 | 335.7 | 344.9 |
| 152.5° | 236.7 | 245.5 | 255.5 | 265.8 | 275.9 | 286.9 | 298.4 | 309.3 | 319.4 | 328.8 | 336.4 |
| 155° | 241.7 | 249.2 | 257.9 | 266.5 | 274.6 | 283.8 | 293.5 | 302.6 | 310.8 | 318.4 | 324.5 |
| 157.5° | 246.3 | 252.3 | 259.7 | 266.5 | 273.4 | 280.7 | 288.6 | 295.4 | 302.3 | 308.6 | 313.5 |
| 160° | 248.7 | 254.3 | 260.5 | 266.5 | 272.2 | 278.2 | 284.9 | 291.0 | 296.6 | 302.1 | 306.2 |
| 162.5° | 251.2 | 255.6 | 261.3 | 266.5 | 270.9 | 275.8 | 281.6 | 286.5 | 291.2 | 295.6 | 299.3 |
| 165° | 253.9 | 256.9 | 261.4 | 265.6 | 268.6 | 272.2 | 276.3 | 280.3 | 283.3 | 286.9 | 289.4 |
| 167.5° | 255.7 | 258.0 | 261.4 | 264.3 | 266.2 | 268.5 | 271.3 | 274.3 | 276.6 | 279.5 | 281.0 |
| 170° | 256.9 | 258.4 | 260.9 | 263.5 | 264.5 | 266.0 | 268.0 | 270.6 | 272.2 | 274.2 | 275.7 |
| 172.5° | 257.7 | 258.8 | 260.6 | 262.7 | 262.9 | 263.6 | 265.2 | 267.3 | 268.5 | 269.7 | 270.8 |
| 175° | 259.0 | 259.0 | 259.9 | 261.4 | 260.9 | 260.9 | 262.0 | 263.0 | 263.5 | 264.5 | 264.5 |
| 177.5° | 259.0 | 259.0 | 259.3 | 260.1 | 259.3 | 259.3 | 259.8 | 260.1 | 260.6 | 260.6 | 260.9 |
| 180° | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1460.4 | 1461.4 | 1458.0 | 1457.1 | 1458.0 | 1461.4 | 1460.4 | 1463.5 | 1463.9 | 1467.8 | 1466.4 |
| 5° | 1355.0 | 1353.7 | 1350.6 | 1351.2 | 1350.6 | 1353.7 | 1355.0 | 1359.9 | 1362.4 | 1372.2 | 1371.0 |
| 7.5° | 1264.7 | 1259.9 | 1261.2 | 1256.3 | 1261.2 | 1259.9 | 1264.7 | 1269.2 | 1276.7 | 1281.1 | 1291.6 |
| 10° | 1209.4 | 1202.7 | 1197.1 | 1192.2 | 1197.1 | 1202.7 | 1209.4 | 1211.9 | 1222.4 | 1227.4 | 1237.8 |
| 12.5° | 1134.0 | 1128.2 | 1120.7 | 1122.2 | 1120.7 | 1128.2 | 1134.0 | 1144.9 | 1158.3 | 1168.7 | 1185.1 |
| 15° | 1027.0 | 1017.7 | 1003.0 | 1004.8 | 1003.0 | 1017.7 | 1027.0 | 1035.0 | 1048.6 | 1072.0 | 1083.1 |
| 17.5° | 936.4 | 936.5 | 929.7 | 931.3 | 929.7 | 936.5 | 936.4 | 947.4 | 954.2 | 969.2 | 986.1 |
| 20° | 889.6 | 885.2 | 885.8 | 884.0 | 885.8 | 885.2 | 889.6 | 902.5 | 909.9 | 920.3 | 938.9 |
| 22.5° | 857.0 | 851.7 | 847.4 | 843.6 | 847.4 | 851.7 | 857.0 | 860.6 | 870.4 | 880.4 | 895.5 |
| 25° | 802.0 | 798.3 | 792.7 | 791.5 | 792.7 | 798.3 | 802.0 | 807.5 | 812.4 | 825.5 | 834.6 |
| 27.5° | 753.7 | 753.0 | 750.7 | 747.9 | 750.7 | 753.0 | 753.7 | 758.6 | 765.0 | 773.3 | 785.0 |
| 30° | 725.6 | 724.3 | 723.1 | 721.2 | 723.1 | 724.3 | 725.6 | 730.5 | 735.4 | 742.2 | 751.4 |
| 32.5° | 700.4 | 699.6 | 698.4 | 698.6 | 698.4 | 699.6 | 700.4 | 702.8 | 705.8 | 714.6 | 721.8 |
| 35° | 664.5 | 663.9 | 662.7 | 662.1 | 662.7 | 663.9 | 664.5 | 667.0 | 668.9 | 671.3 | 677.4 |
| 37.5° | 631.0 | 632.6 | 631.9 | 631.7 | 631.9 | 632.6 | 631.0 | 631.6 | 629.6 | 634.1 | 638.3 |
| 40° | 607.8 | 608.4 | 609.7 | 609.0 | 609.7 | 608.4 | 607.8 | 608.4 | 608.4 | 608.4 | 612.2 |
| 42.5° | 588.6 | 588.7 | 590.4 | 588.4 | 590.4 | 588.7 | 588.6 | 586.2 | 583.3 | 583.8 | 585.0 |
| 45° | 554.2 | 557.9 | 557.2 | 557.2 | 557.2 | 557.9 | 554.2 | 549.8 | 549.3 | 546.8 | 546.8 |
| 47.5° | 516.6 | 519.8 | 520.7 | 520.5 | 520.7 | 519.8 | 516.6 | 515.0 | 512.1 | 509.7 | 509.4 |
| 50° | 492.0 | 490.7 | 492.6 | 492.0 | 492.6 | 490.7 | 492.0 | 488.8 | 484.6 | 484.6 | 483.3 |
| 52.5° | 461.8 | 462.1 | 462.0 | 461.4 | 462.0 | 462.1 | 461.8 | 460.2 | 458.4 | 456.4 | 455.7 |
| 55° | 415.4 | 416.1 | 414.8 | 415.4 | 414.8 | 416.1 | 415.4 | 414.8 | 414.8 | 413.7 | 414.8 |
| 57.5° | 365.2 | 362.2 | 363.5 | 361.9 | 363.5 | 362.2 | 365.2 | 367.9 | 368.9 | 369.2 | 371.0 |
| 60° | 329.2 | 324.2 | 323.0 | 320.6 | 323.0 | 324.2 | 329.2 | 335.4 | 337.8 | 339.0 | 340.9 |
| 62.5° | 288.7 | 285.3 | 281.1 | 283.0 | 281.1 | 285.3 | 288.7 | 295.4 | 300.9 | 305.1 | 309.3 |
| 65° | 234.9 | 232.4 | 230.5 | 233.0 | 230.5 | 232.4 | 234.9 | 239.8 | 244.7 | 254.6 | 263.9 |
| 67.5° | 194.4 | 193.1 | 193.1 | 191.8 | 193.1 | 193.1 | 194.4 | 196.9 | 200.0 | 205.4 | 214.0 |
| 70° | 173.3 | 171.4 | 171.4 | 170.1 | 171.4 | 171.4 | 173.3 | 173.3 | 176.3 | 178.8 | 184.9 |
| 72.5° | 151.5 | 149.6 | 150.2 | 149.5 | 150.2 | 149.6 | 151.5 | 152.0 | 155.1 | 156.0 | 158.8 |
| 75° | 112.2 | 109.1 | 109.1 | 109.8 | 109.1 | 109.1 | 112.2 | 115.9 | 119.0 | 124.5 | 125.7 |
| 77.5° | 83.7 | 83.1 | 84.0 | 82.8 | 84.0 | 83.1 | 83.7 | 83.7 | 84.4 | 86.9 | 89.0 |
| 80° | 68.4 | 67.8 | 67.2 | 69.0 | 67.2 | 67.8 | 68.4 | 68.4 | 69.0 | 69.6 | 70.3 |
| 82.5° | 53.1 | 53.1 | 52.9 | 55.2 | 52.9 | 53.1 | 53.1 | 54.1 | 54.2 | 53.9 | 54.5 |
| 85° | 32.0 | 30.9 | 32.0 | 30.9 | 32.0 | 30.9 | 32.0 | 31.5 | 32.0 | 31.5 | 32.0 |
| 87.5° | 13.5 | 13.1 | 12.5 | 13.0 | 12.5 | 13.1 | 13.5 | 12.4 | 12.4 | 13.3 | 12.7 |
| 90° | 10.7 | 11.1 | 10.7 | 10.7 | 10.7 | 11.1 | 10.7 | 10.2 | 10.2 | 9.6 | 9.2 |
| 92.5° | 43.6 | 40.9 | 39.1 | 39.1 | 39.1 | 40.9 | 43.6 | 49.7 | 59.8 | 75.2 | 99.9 |
| 95° | 155.7 | 139.9 | 130.7 | 124.1 | 130.7 | 139.9 | 155.7 | 180.6 | 229.9 | 298.1 | 376.9 |
| 97.5° | 388.3 | 357.6 | 342.3 | 331.7 | 342.3 | 357.6 | 388.3 | 424.7 | 477.9 | 527.6 | 556.9 |
| 100° | 516.8 | 485.8 | 470.6 | 466.5 | 470.6 | 485.8 | 516.8 | 561.1 | 598.7 | 623.7 | 613.5 |
| 102.5° | 625.4 | 603.0 | 586.9 | 583.6 | 586.9 | 603.0 | 625.4 | 652.6 | 668.3 | 661.1 | 610.6 |
| 105° | 730.0 | 725.9 | 718.7 | 715.7 | 718.7 | 725.9 | 730.0 | 729.0 | 708.1 | 657.7 | 569.7 |
| 107.5° | 746.7 | 758.3 | 763.4 | 764.7 | 763.4 | 758.3 | 746.7 | 721.6 | 676.3 | 605.3 | 511.7 |
| 110° | 730.5 | 751.8 | 761.0 | 765.5 | 761.0 | 751.8 | 730.5 | 694.4 | 638.4 | 564.6 | 476.6 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 695.4 | 721.3 | 734.1 | 741.5 | 734.1 | 721.3 | 695.4 | 654.4 | 598.5 | 528.8 | 451.0 |
| 115° | 636.3 | 666.9 | 683.1 | 687.2 | 683.1 | 666.9 | 636.3 | 596.2 | 547.3 | 487.9 | 425.3 |
| 117.5° | 586.9 | 612.5 | 629.0 | 632.2 | 629.0 | 612.5 | 586.9 | 552.6 | 511.2 | 464.4 | 412.6 |
| 120° | 560.1 | 582.5 | 595.7 | 601.3 | 595.7 | 582.5 | 560.1 | 531.0 | 494.9 | 454.2 | 407.0 |
| 122.5° | 540.9 | 560.1 | 571.2 | 576.8 | 571.2 | 560.1 | 540.9 | 516.4 | 484.7 | 447.7 | 402.1 |
| 125° | 520.8 | 535.7 | 545.3 | 548.3 | 545.3 | 535.7 | 520.8 | 500.5 | 472.5 | 437.5 | 393.7 |
| 127.5° | 507.4 | 520.5 | 528.6 | 531.6 | 528.6 | 520.5 | 507.4 | 486.9 | 460.4 | 425.3 | 383.5 |
| 130° | 498.0 | 510.7 | 518.9 | 521.9 | 518.9 | 510.7 | 498.0 | 477.2 | 450.1 | 415.6 | 375.4 |
| 132.5° | 485.8 | 500.2 | 507.8 | 511.0 | 507.8 | 500.2 | 485.8 | 465.3 | 438.4 | 404.6 | 366.8 |
| 135° | 464.9 | 479.2 | 487.3 | 490.4 | 487.3 | 479.2 | 464.9 | 444.6 | 419.1 | 388.2 | 355.1 |
| 137.5° | 440.5 | 454.6 | 461.3 | 464.9 | 461.3 | 454.6 | 440.5 | 421.5 | 398.5 | 372.4 | 344.4 |
| 140° | 424.3 | 435.4 | 442.6 | 446.7 | 442.6 | 435.4 | 424.3 | 406.4 | 385.0 | 362.2 | 338.2 |
| 142.5° | 407.5 | 417.9 | 424.3 | 427.0 | 424.3 | 417.9 | 407.5 | 391.8 | 373.3 | 353.7 | 332.6 |
| 145° | 384.1 | 392.7 | 397.8 | 400.3 | 397.8 | 392.7 | 384.1 | 371.3 | 357.1 | 341.8 | 324.5 |
| 147.5° | 364.4 | 371.8 | 375.7 | 376.7 | 375.7 | 371.8 | 364.4 | 355.1 | 343.8 | 331.6 | 317.9 |
| 150° | 353.0 | 359.6 | 362.7 | 363.2 | 362.7 | 359.6 | 353.0 | 344.9 | 335.7 | 325.6 | 313.9 |
| 152.5° | 343.2 | 348.7 | 350.4 | 351.0 | 350.4 | 348.7 | 343.2 | 336.4 | 328.8 | 319.4 | 309.3 |
| 155° | 329.7 | 333.7 | 335.2 | 335.2 | 335.2 | 333.7 | 329.7 | 324.5 | 318.4 | 310.8 | 302.6 |
| 157.5° | 317.4 | 320.5 | 321.4 | 321.4 | 321.4 | 320.5 | 317.4 | 313.5 | 308.6 | 302.3 | 295.4 |
| 160° | 309.2 | 312.4 | 312.8 | 312.8 | 312.8 | 312.4 | 309.2 | 306.2 | 302.1 | 296.6 | 291.0 |
| 162.5° | 301.6 | 304.6 | 305.1 | 304.7 | 305.1 | 304.6 | 301.6 | 299.3 | 295.6 | 291.2 | 286.5 |
| 165° | 291.5 | 293.5 | 293.0 | 292.5 | 293.0 | 293.5 | 291.5 | 289.4 | 286.9 | 283.3 | 280.3 |
| 167.5° | 282.0 | 283.3 | 283.2 | 282.9 | 283.2 | 283.3 | 282.0 | 281.0 | 279.5 | 276.6 | 274.3 |
| 170° | 276.7 | 277.2 | 276.7 | 276.7 | 276.7 | 277.2 | 276.7 | 275.7 | 274.2 | 272.2 | 270.6 |
| 172.5° | 271.4 | 272.0 | 271.4 | 270.6 | 271.4 | 272.0 | 271.4 | 270.8 | 269.7 | 268.5 | 267.3 |
| 175° | 264.5 | 265.6 | 264.5 | 263.5 | 264.5 | 265.6 | 264.5 | 264.5 | 264.5 | 263.5 | 263.0 |
| 177.5° | 260.6 | 260.9 | 260.1 | 259.3 | 260.1 | 260.9 | 260.6 | 260.9 | 260.6 | 260.6 | 260.1 |
| 180° | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1463.5 | 1466.9 | 1474.8 | 1483.6 | 1491.0 | 1497.4 | 1502.4 | 1509.3 | 1515.7 | 1524.6 | 1532.9 |
| 5° | 1374.7 | 1383.3 | 1395.6 | 1410.4 | 1428.9 | 1441.3 | 1456.7 | 1470.3 | 1490.0 | 1509.7 | 1528.7 |
| 7.5° | 1296.7 | 1306.3 | 1324.4 | 1344.8 | 1366.8 | 1387.0 | 1405.2 | 1429.1 | 1455.3 | 1484.0 | 1516.1 |
| 10° | 1246.4 | 1257.0 | 1278.5 | 1301.9 | 1327.8 | 1347.6 | 1372.2 | 1400.5 | 1430.1 | 1465.3 | 1504.8 |
| 12.5° | 1201.0 | 1211.0 | 1237.1 | 1261.0 | 1287.9 | 1309.6 | 1338.2 | 1367.0 | 1406.5 | 1444.6 | 1489.4 |
| 15° | 1112.7 | 1139.2 | 1168.8 | 1197.1 | 1229.2 | 1255.7 | 1290.2 | 1319.8 | 1357.5 | 1411.0 | 1462.2 |
| 17.5° | 1014.5 | 1042.8 | 1079.5 | 1123.3 | 1166.3 | 1199.1 | 1234.1 | 1270.9 | 1315.6 | 1370.4 | 1429.4 |
| 20° | 957.3 | 980.2 | 1020.8 | 1069.5 | 1119.5 | 1165.1 | 1197.1 | 1237.8 | 1284.1 | 1343.3 | 1404.3 |
| 22.5° | 914.4 | 933.8 | 965.6 | 1014.3 | 1068.2 | 1121.1 | 1162.1 | 1202.3 | 1253.5 | 1312.7 | 1379.1 |
| 25° | 850.1 | 871.0 | 898.8 | 932.1 | 993.7 | 1049.8 | 1103.4 | 1149.7 | 1203.9 | 1263.1 | 1337.0 |
| 27.5° | 796.6 | 814.8 | 840.2 | 874.9 | 916.3 | 978.2 | 1043.1 | 1095.9 | 1151.6 | 1215.0 | 1289.1 |
| 30° | 765.0 | 779.8 | 800.8 | 835.9 | 875.4 | 930.9 | 996.8 | 1058.5 | 1114.5 | 1180.4 | 1257.6 |
| 32.5° | 732.0 | 747.8 | 768.2 | 795.9 | 838.4 | 884.9 | 950.9 | 1018.5 | 1078.1 | 1145.5 | 1221.0 |
| 35° | 688.0 | 700.3 | 718.8 | 747.2 | 785.3 | 826.0 | 884.6 | 954.2 | 1017.2 | 1089.2 | 1161.4 |
| 37.5° | 643.5 | 658.0 | 672.5 | 697.9 | 729.2 | 772.9 | 820.8 | 892.0 | 961.6 | 1027.5 | 1097.9 |
| 40° | 618.3 | 627.0 | 642.9 | 663.3 | 696.6 | 735.4 | 780.4 | 850.1 | 919.7 | 985.1 | 1056.0 |
| 42.5° | 590.2 | 599.8 | 613.3 | 633.7 | 663.5 | 701.4 | 745.4 | 805.7 | 878.3 | 941.6 | 1006.1 |
| 45° | 551.1 | 556.6 | 570.2 | 587.5 | 612.2 | 650.3 | 691.1 | 744.7 | 813.1 | 873.5 | 930.2 |
| 47.5° | 511.7 | 516.5 | 525.0 | 540.7 | 568.4 | 599.1 | 637.1 | 685.3 | 745.3 | 805.7 | 853.6 |
| 50° | 484.6 | 488.8 | 496.9 | 511.7 | 536.3 | 566.5 | 604.1 | 647.3 | 700.9 | 758.8 | 798.9 |
| 52.5° | 457.4 | 459.8 | 467.3 | 484.0 | 504.7 | 534.5 | 568.1 | 607.8 | 658.0 | 706.1 | 746.6 |
| 55° | 414.3 | 419.8 | 424.7 | 437.0 | 456.8 | 485.2 | 515.3 | 552.9 | 591.8 | 632.5 | 667.0 |
| 57.5° | 369.3 | 375.3 | 382.5 | 393.3 | 408.9 | 435.3 | 462.4 | 492.9 | 526.1 | 559.8 | 588.8 |
| 60° | 339.7 | 345.2 | 351.3 | 363.7 | 377.9 | 398.9 | 428.5 | 455.0 | 480.2 | 511.0 | 540.0 |
| 62.5° | 310.6 | 316.1 | 323.2 | 333.1 | 346.8 | 366.8 | 391.5 | 414.5 | 440.8 | 467.6 | 489.2 |
| 65° | 267.5 | 271.9 | 277.4 | 286.7 | 299.6 | 317.4 | 337.8 | 355.7 | 379.2 | 398.9 | 418.6 |
| 67.5° | 220.3 | 228.5 | 235.9 | 243.3 | 254.3 | 271.0 | 285.7 | 302.8 | 318.7 | 333.4 | 351.3 |
| 70° | 189.2 | 198.5 | 205.3 | 213.3 | 223.7 | 237.9 | 252.1 | 263.9 | 276.8 | 291.0 | 307.0 |
| 72.5° | 163.1 | 170.4 | 175.7 | 184.2 | 193.7 | 206.9 | 220.1 | 229.8 | 240.3 | 250.0 | 265.6 |
| 75° | 128.9 | 131.9 | 135.6 | 142.4 | 151.1 | 160.9 | 171.4 | 180.0 | 186.2 | 194.8 | 205.9 |
| 77.5° | 92.6 | 98.5 | 100.9 | 105.8 | 111.9 | 118.2 | 125.0 | 132.3 | 138.2 | 141.2 | 149.8 |
| 80° | 70.9 | 73.4 | 75.8 | 82.6 | 86.3 | 92.5 | 97.4 | 104.2 | 106.6 | 109.8 | 117.7 |
| 82.5° | 55.1 | 56.6 | 58.1 | 59.9 | 62.2 | 68.3 | 73.2 | 77.6 | 80.0 | 81.1 | 87.2 |
| 85° | 32.0 | 32.6 | 33.3 | 33.9 | 34.5 | 34.5 | 37.0 | 40.0 | 44.4 | 44.4 | 46.2 |
| 87.5° | 12.6 | 13.2 | 12.9 | 12.3 | 13.3 | 12.7 | 13.1 | 13.0 | 14.4 | 15.6 | 16.9 |
| 90° | 8.6 | 9.2 | 8.1 | 7.1 | 7.1 | 4.1 | 4.1 | 3.6 | 3.0 | 1.5 | 0.5 |
| 92.5° | 134.4 | 161.3 | 141.2 | 102.7 | 63.3 | 37.5 | 26.8 | 19.4 | 13.2 | 8.5 | 5.8 |
| 95° | 426.2 | 414.6 | 312.8 | 191.3 | 107.8 | 63.6 | 42.2 | 30.1 | 23.4 | 18.3 | 16.8 |
| 97.5° | 535.6 | 436.7 | 292.8 | 171.9 | 103.1 | 69.0 | 51.1 | 40.6 | 34.5 | 30.1 | 30.1 |
| 100° | 539.2 | 408.9 | 265.6 | 161.8 | 104.2 | 74.3 | 58.0 | 48.3 | 42.2 | 38.7 | 38.7 |
| 102.5° | 508.6 | 374.4 | 247.2 | 158.9 | 108.3 | 81.1 | 65.7 | 56.4 | 50.7 | 47.6 | 46.8 |
| 105° | 453.3 | 333.7 | 231.5 | 160.2 | 118.0 | 93.6 | 78.8 | 69.7 | 63.6 | 61.1 | 59.5 |
| 107.5° | 408.5 | 310.9 | 228.6 | 167.7 | 129.3 | 106.9 | 92.4 | 83.6 | 77.1 | 74.5 | 73.6 |
| 110° | 386.1 | 303.2 | 229.4 | 173.4 | 137.9 | 115.5 | 101.7 | 92.6 | 86.5 | 83.9 | 82.9 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 373.4 | 299.5 | 231.8 | 179.6 | 146.0 | 124.4 | 110.7 | 101.6 | 95.9 | 92.9 | 91.8 |
| 115° | 361.7 | 297.6 | 236.6 | 189.2 | 158.7 | 138.4 | 124.7 | 114.9 | 109.9 | 106.3 | 104.8 |
| 117.5° | 356.4 | 297.0 | 241.5 | 199.1 | 171.0 | 151.7 | 137.4 | 128.4 | 122.8 | 119.7 | 118.2 |
| 120° | 353.6 | 297.0 | 245.2 | 206.0 | 179.6 | 160.2 | 146.0 | 137.3 | 131.7 | 128.2 | 127.2 |
| 122.5° | 350.3 | 296.7 | 248.9 | 212.5 | 187.7 | 168.4 | 154.5 | 145.1 | 139.9 | 136.3 | 135.3 |
| 125° | 344.9 | 296.0 | 254.3 | 222.3 | 198.9 | 180.6 | 166.3 | 156.7 | 151.1 | 148.0 | 146.0 |
| 127.5° | 337.7 | 294.9 | 258.7 | 230.8 | 209.3 | 191.5 | 177.2 | 167.1 | 160.8 | 157.1 | 155.4 |
| 130° | 333.1 | 294.5 | 262.0 | 236.0 | 216.2 | 198.9 | 184.1 | 174.5 | 166.8 | 162.7 | 160.8 |
| 132.5° | 329.1 | 294.1 | 264.8 | 241.3 | 221.9 | 204.6 | 190.6 | 180.2 | 173.0 | 167.6 | 166.0 |
| 135° | 323.0 | 293.5 | 269.1 | 248.3 | 229.9 | 213.1 | 199.9 | 189.2 | 180.6 | 175.5 | 173.4 |
| 137.5° | 317.7 | 293.4 | 271.6 | 253.2 | 236.0 | 220.3 | 207.8 | 196.6 | 188.4 | 182.8 | 180.9 |
| 140° | 314.9 | 293.0 | 273.7 | 256.4 | 240.1 | 224.8 | 212.6 | 202.0 | 193.3 | 187.7 | 186.2 |
| 142.5° | 312.5 | 293.0 | 275.3 | 258.8 | 243.8 | 228.9 | 217.1 | 206.8 | 198.6 | 193.4 | 191.9 |
| 145° | 308.3 | 291.9 | 276.3 | 261.4 | 247.7 | 234.5 | 223.3 | 213.7 | 206.5 | 201.4 | 199.9 |
| 147.5° | 304.5 | 290.2 | 276.7 | 263.8 | 251.8 | 239.4 | 229.3 | 221.2 | 213.9 | 209.5 | 208.9 |
| 150° | 301.7 | 288.9 | 276.7 | 265.0 | 253.9 | 242.6 | 233.0 | 225.3 | 219.3 | 215.2 | 214.6 |
| 152.5° | 298.4 | 286.9 | 275.9 | 265.8 | 255.5 | 245.5 | 236.7 | 229.8 | 224.1 | 220.1 | 220.0 |
| 155° | 293.5 | 283.8 | 274.6 | 266.5 | 257.9 | 249.2 | 241.7 | 236.0 | 231.0 | 227.9 | 227.4 |
| 157.5° | 288.6 | 280.7 | 273.4 | 266.5 | 259.7 | 252.3 | 246.3 | 241.4 | 237.5 | 234.6 | 234.6 |
| 160° | 284.9 | 278.2 | 272.2 | 266.5 | 260.5 | 254.3 | 248.7 | 244.7 | 241.1 | 239.1 | 239.1 |
| 162.5° | 281.6 | 275.8 | 270.9 | 266.5 | 261.3 | 255.6 | 251.2 | 247.5 | 244.3 | 242.7 | 243.2 |
| 165° | 276.3 | 272.2 | 268.6 | 265.6 | 261.4 | 256.9 | 253.9 | 251.3 | 248.7 | 247.7 | 247.7 |
| 167.5° | 271.3 | 268.5 | 266.2 | 264.3 | 261.4 | 258.0 | 255.7 | 254.2 | 252.3 | 251.8 | 252.3 |
| 170° | 268.0 | 266.0 | 264.5 | 263.5 | 260.9 | 258.4 | 256.9 | 255.8 | 254.3 | 253.9 | 254.3 |
| 172.5° | 265.2 | 263.6 | 262.9 | 262.7 | 260.6 | 258.8 | 257.7 | 257.1 | 255.9 | 255.8 | 256.4 |
| 175° | 262.0 | 260.9 | 260.9 | 261.4 | 259.9 | 259.0 | 259.0 | 258.4 | 257.9 | 257.9 | 258.4 |
| 177.5° | 259.8 | 259.3 | 259.3 | 260.1 | 259.3 | 259.0 | 259.0 | 259.0 | 258.5 | 259.0 | 259.3 |
| 180° | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1539.4 | 1543.8 | 1548.7 | 1558.1 | 1566.0 | 1569.5 | 1576.4 | 1581.3 | 1579.8 | 1586.7 | 1598.6 |
| 5° | 1545.4 | 1562.1 | 1581.2 | 1600.9 | 1623.1 | 1641.6 | 1656.4 | 1671.2 | 1682.9 | 1697.1 | 1718.1 |
| 7.5° | 1544.4 | 1574.0 | 1606.2 | 1641.6 | 1677.9 | 1709.4 | 1738.5 | 1768.1 | 1794.3 | 1823.1 | 1860.6 |
| 10° | 1540.5 | 1579.9 | 1620.0 | 1666.3 | 1712.4 | 1756.2 | 1795.7 | 1832.6 | 1867.9 | 1905.4 | 1952.9 |
| 12.5° | 1536.1 | 1581.4 | 1629.9 | 1685.5 | 1743.0 | 1795.7 | 1842.1 | 1895.3 | 1939.3 | 1987.8 | 2042.6 |
| 15° | 1516.4 | 1577.4 | 1643.4 | 1715.6 | 1784.6 | 1855.5 | 1919.0 | 1984.3 | 2045.3 | 2103.3 | 2172.4 |
| 17.5° | 1494.0 | 1564.4 | 1642.2 | 1727.4 | 1810.4 | 1896.6 | 1971.8 | 2054.2 | 2116.7 | 2194.4 | 2258.5 |
| 20° | 1475.8 | 1551.6 | 1634.8 | 1730.4 | 1824.7 | 1920.2 | 2003.4 | 2087.3 | 2157.6 | 2235.9 | 2317.2 |
| 22.5° | 1453.6 | 1536.8 | 1626.9 | 1725.9 | 1824.7 | 1929.1 | 2021.2 | 2104.5 | 2191.6 | 2279.7 | 2363.6 |
| 25° | 1417.8 | 1504.1 | 1599.6 | 1708.2 | 1821.6 | 1928.2 | 2026.9 | 2130.4 | 2224.1 | 2319.7 | 2394.9 |
| 27.5° | 1373.9 | 1464.5 | 1565.3 | 1677.2 | 1793.6 | 1902.8 | 2019.0 | 2129.3 | 2223.7 | 2315.6 | 2381.2 |
| 30° | 1338.9 | 1434.5 | 1531.2 | 1644.7 | 1765.5 | 1882.6 | 2007.2 | 2117.5 | 2216.7 | 2299.4 | 2336.3 |
| 32.5° | 1302.9 | 1393.6 | 1493.3 | 1608.2 | 1732.0 | 1858.0 | 1981.5 | 2094.3 | 2186.1 | 2235.7 | 2236.7 |
| 35° | 1240.3 | 1325.3 | 1428.9 | 1541.8 | 1668.7 | 1805.5 | 1930.7 | 2041.7 | 2097.7 | 2102.0 | 2041.7 |
| 37.5° | 1172.0 | 1250.0 | 1347.8 | 1460.7 | 1599.8 | 1735.9 | 1863.8 | 1937.7 | 1956.5 | 1893.7 | 1782.0 |
| 40° | 1123.2 | 1195.2 | 1289.6 | 1405.5 | 1543.6 | 1684.1 | 1800.6 | 1854.8 | 1835.1 | 1733.4 | 1608.9 |
| 42.5° | 1071.8 | 1139.1 | 1229.9 | 1344.3 | 1482.9 | 1625.0 | 1724.2 | 1753.3 | 1701.0 | 1583.5 | 1437.8 |
| 45° | 988.2 | 1049.8 | 1139.8 | 1255.1 | 1388.2 | 1521.3 | 1596.6 | 1581.8 | 1494.9 | 1355.6 | 1192.2 |
| 47.5° | 901.0 | 960.6 | 1041.5 | 1148.2 | 1284.5 | 1399.5 | 1450.4 | 1405.8 | 1282.1 | 1128.8 | 996.0 |
| 50° | 843.3 | 904.3 | 978.9 | 1080.7 | 1205.1 | 1316.1 | 1348.8 | 1280.9 | 1143.5 | 996.1 | 874.1 |
| 52.5° | 786.6 | 838.7 | 911.9 | 1010.1 | 1129.2 | 1222.9 | 1240.3 | 1162.1 | 1020.2 | 888.1 | 779.9 |
| 55° | 700.3 | 747.8 | 809.4 | 901.9 | 1004.8 | 1084.3 | 1075.0 | 974.6 | 845.8 | 733.0 | 647.9 |
| 57.5° | 616.8 | 652.6 | 709.5 | 796.2 | 886.5 | 940.0 | 906.2 | 820.5 | 700.4 | 608.1 | 536.3 |
| 60° | 561.6 | 594.9 | 647.9 | 723.7 | 803.3 | 833.4 | 805.0 | 712.0 | 617.1 | 532.6 | 472.2 |
| 62.5° | 509.3 | 538.7 | 584.2 | 654.7 | 718.9 | 736.7 | 706.4 | 625.2 | 539.7 | 467.5 | 417.5 |
| 65° | 433.4 | 460.5 | 499.4 | 549.3 | 593.6 | 602.3 | 582.6 | 499.4 | 434.6 | 374.2 | 339.7 |
| 67.5° | 364.4 | 382.2 | 412.5 | 455.7 | 479.2 | 484.3 | 446.2 | 393.9 | 336.8 | 299.7 | 273.7 |
| 70° | 318.1 | 330.4 | 358.7 | 382.2 | 401.3 | 401.9 | 366.8 | 324.9 | 281.1 | 250.9 | 231.8 |
| 72.5° | 273.2 | 285.1 | 306.5 | 322.5 | 337.2 | 332.4 | 300.2 | 267.2 | 231.8 | 209.0 | 194.8 |
| 75° | 210.8 | 221.3 | 232.4 | 239.8 | 239.8 | 233.6 | 210.2 | 185.6 | 165.2 | 151.7 | 147.3 |
| 77.5° | 153.3 | 161.8 | 165.6 | 164.4 | 162.3 | 152.7 | 137.9 | 121.7 | 114.4 | 108.0 | 104.8 |
| 80° | 120.2 | 123.9 | 125.1 | 122.1 | 118.3 | 107.3 | 97.4 | 90.6 | 83.8 | 81.4 | 80.2 |
| 82.5° | 89.2 | 92.4 | 89.2 | 90.0 | 81.9 | 72.8 | 67.3 | 65.0 | 62.2 | 61.2 | 59.9 |
| 85° | 47.4 | 46.8 | 45.7 | 42.5 | 37.0 | 35.8 | 35.1 | 34.5 | 33.3 | 33.9 | 32.6 |
| 87.5° | 16.6 | 15.4 | 13.6 | 13.1 | 13.1 | 12.8 | 13.3 | 13.5 | 13.6 | 13.1 | 14.2 |
| 90° | 1.5 | 3.0 | 3.6 | 4.1 | 4.1 | 7.1 | 7.1 | 8.1 | 9.2 | 8.6 | 9.2 |
| 92.5° | 8.5 | 13.2 | 19.4 | 26.8 | 37.5 | 63.3 | 102.7 | 141.2 | 161.3 | 134.4 | 99.9 |
| 95° | 18.3 | 23.4 | 30.1 | 42.2 | 63.6 | 107.8 | 191.3 | 312.8 | 414.6 | 426.2 | 376.9 |
| 97.5° | 30.1 | 34.5 | 40.6 | 51.1 | 69.0 | 103.1 | 171.9 | 292.8 | 436.7 | 535.6 | 556.9 |
| 100° | 38.7 | 42.2 | 48.3 | 58.0 | 74.3 | 104.2 | 161.8 | 265.6 | 408.9 | 539.2 | 613.5 |
| 102.5° | 47.6 | 50.7 | 56.4 | 65.7 | 81.1 | 108.3 | 158.9 | 247.2 | 374.4 | 508.6 | 610.6 |
| 105° | 61.1 | 63.6 | 69.7 | 78.8 | 93.6 | 118.0 | 160.2 | 231.5 | 333.7 | 453.3 | 569.7 |
| 107.5° | 74.5 | 77.1 | 83.6 | 92.4 | 106.9 | 129.3 | 167.7 | 228.6 | 310.9 | 408.5 | 511.7 |
| 110° | 83.9 | 86.5 | 92.6 | 101.7 | 115.5 | 137.9 | 173.4 | 229.4 | 303.2 | 386.1 | 476.6 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 92.9 | 95.9 | 101.6 | 110.7 | 124.4 | 146.0 | 179.6 | 231.8 | 299.5 | 373.4 | 451.0 |
| 115° | 106.3 | 109.9 | 114.9 | 124.7 | 138.4 | 158.7 | 189.2 | 236.6 | 297.6 | 361.7 | 425.3 |
| 117.5° | 119.7 | 122.8 | 128.4 | 137.4 | 151.7 | 171.0 | 199.1 | 241.5 | 297.0 | 356.4 | 412.6 |
| 120° | 128.2 | 131.7 | 137.3 | 146.0 | 160.2 | 179.6 | 206.0 | 245.2 | 297.0 | 353.6 | 407.0 |
| 122.5° | 136.3 | 139.9 | 145.1 | 154.5 | 168.4 | 187.7 | 212.5 | 248.9 | 296.7 | 350.3 | 402.1 |
| 125° | 148.0 | 151.1 | 156.7 | 166.3 | 180.6 | 198.9 | 222.3 | 254.3 | 296.0 | 344.9 | 393.7 |
| 127.5° | 157.1 | 160.8 | 167.1 | 177.2 | 191.5 | 209.3 | 230.8 | 258.7 | 294.9 | 337.7 | 383.5 |
| 130° | 162.7 | 166.8 | 174.5 | 184.1 | 198.9 | 216.2 | 236.0 | 262.0 | 294.5 | 333.1 | 375.4 |
| 132.5° | 167.6 | 173.0 | 180.2 | 190.6 | 204.6 | 221.9 | 241.3 | 264.8 | 294.1 | 329.1 | 366.8 |
| 135° | 175.5 | 180.6 | 189.2 | 199.9 | 213.1 | 229.9 | 248.3 | 269.1 | 293.5 | 323.0 | 355.1 |
| 137.5° | 182.8 | 188.4 | 196.6 | 207.8 | 220.3 | 236.0 | 253.2 | 271.6 | 293.4 | 317.7 | 344.4 |
| 140° | 187.7 | 193.3 | 202.0 | 212.6 | 224.8 | 240.1 | 256.4 | 273.7 | 293.0 | 314.9 | 338.2 |
| 142.5° | 193.4 | 198.6 | 206.8 | 217.1 | 228.9 | 243.8 | 258.8 | 275.3 | 293.0 | 312.5 | 332.6 |
| 145° | 201.4 | 206.5 | 213.7 | 223.3 | 234.5 | 247.7 | 261.4 | 276.3 | 291.9 | 308.3 | 324.5 |
| 147.5° | 209.5 | 213.9 | 221.2 | 229.3 | 239.4 | 251.8 | 263.8 | 276.7 | 290.2 | 304.5 | 317.9 |
| 150° | 215.2 | 219.3 | 225.3 | 233.0 | 242.6 | 253.9 | 265.0 | 276.7 | 288.9 | 301.7 | 313.9 |
| 152.5° | 220.1 | 224.1 | 229.8 | 236.7 | 245.5 | 255.5 | 265.8 | 275.9 | 286.9 | 298.4 | 309.3 |
| 155° | 227.9 | 231.0 | 236.0 | 241.7 | 249.2 | 257.9 | 266.5 | 274.6 | 283.8 | 293.5 | 302.6 |
| 157.5° | 234.6 | 237.5 | 241.4 | 246.3 | 252.3 | 259.7 | 266.5 | 273.4 | 280.7 | 288.6 | 295.4 |
| 160° | 239.1 | 241.1 | 244.7 | 248.7 | 254.3 | 260.5 | 266.5 | 272.2 | 278.2 | 284.9 | 291.0 |
| 162.5° | 242.7 | 244.3 | 247.5 | 251.2 | 255.6 | 261.3 | 266.5 | 270.9 | 275.8 | 281.6 | 286.5 |
| 165° | 247.7 | 248.7 | 251.3 | 253.9 | 256.9 | 261.4 | 265.6 | 268.6 | 272.2 | 276.3 | 280.3 |
| 167.5° | 251.8 | 252.3 | 254.2 | 255.7 | 258.0 | 261.4 | 264.3 | 266.2 | 268.5 | 271.3 | 274.3 |
| 170° | 253.9 | 254.3 | 255.8 | 256.9 | 258.4 | 260.9 | 263.5 | 264.5 | 266.0 | 268.0 | 270.6 |
| 172.5° | 255.8 | 255.9 | 257.1 | 257.7 | 258.8 | 260.6 | 262.7 | 262.9 | 263.6 | 265.2 | 267.3 |
| 175° | 257.9 | 257.9 | 258.4 | 259.0 | 259.0 | 259.9 | 261.4 | 260.9 | 260.9 | 262.0 | 263.0 |
| 177.5° | 259.0 | 258.5 | 259.0 | 259.0 | 259.0 | 259.3 | 260.1 | 259.3 | 259.3 | 259.8 | 260.1 |
| 180° | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 | 1530.0 |
| 2.5° | 1605.0 | 1607.0 | 1608.5 | 1613.4 | 1613.8 | 1618.3 | 1613.8 |
| 5° | 1737.8 | 1746.4 | 1760.0 | 1773.5 | 1774.8 | 1783.3 | 1768.0 |
| 7.5° | 1886.7 | 1906.7 | 1919.1 | 1941.1 | 1949.7 | 1955.1 | 1946.2 |
| 10° | 1989.2 | 2007.8 | 2040.4 | 2056.5 | 2072.5 | 2074.9 | 2067.5 |
| 12.5° | 2088.4 | 2117.7 | 2143.5 | 2173.8 | 2173.1 | 2194.8 | 2186.9 |
| 15° | 2220.4 | 2250.7 | 2286.3 | 2320.3 | 2332.6 | 2332.6 | 2342.5 |
| 17.5° | 2314.6 | 2370.0 | 2407.0 | 2433.6 | 2462.7 | 2467.7 | 2464.3 |
| 20° | 2378.3 | 2438.0 | 2477.5 | 2512.0 | 2531.7 | 2537.3 | 2537.3 |
| 22.5° | 2425.5 | 2476.5 | 2515.0 | 2546.0 | 2562.3 | 2568.8 | 2566.9 |
| 25° | 2458.4 | 2502.1 | 2525.6 | 2534.8 | 2539.1 | 2537.9 | 2526.2 |
| 27.5° | 2413.5 | 2411.5 | 2396.7 | 2368.4 | 2347.1 | 2334.1 | 2319.3 |
| 30° | 2327.7 | 2295.6 | 2258.6 | 2218.0 | 2165.6 | 2125.5 | 2113.2 |
| 32.5° | 2199.9 | 2128.0 | 2065.3 | 1997.5 | 1941.2 | 1901.1 | 1884.4 |
| 35° | 1952.9 | 1838.9 | 1745.8 | 1664.4 | 1605.3 | 1568.3 | 1555.9 |
| 37.5° | 1659.7 | 1549.3 | 1434.1 | 1355.2 | 1306.1 | 1268.7 | 1254.8 |
| 40° | 1473.3 | 1353.1 | 1252.6 | 1178.7 | 1128.1 | 1091.7 | 1091.1 |
| 42.5° | 1303.1 | 1188.4 | 1093.9 | 1040.5 | 986.1 | 962.0 | 961.9 |
| 45° | 1067.0 | 975.2 | 895.1 | 853.2 | 820.5 | 800.8 | 795.2 |
| 47.5° | 883.5 | 807.5 | 754.1 | 720.8 | 694.1 | 681.5 | 673.4 |
| 50° | 780.4 | 713.8 | 671.3 | 642.3 | 627.5 | 611.5 | 610.3 |
| 52.5° | 694.6 | 640.9 | 607.7 | 584.2 | 565.4 | 555.8 | 556.1 |
| 55° | 583.8 | 541.3 | 517.8 | 499.9 | 485.2 | 477.8 | 474.7 |
| 57.5° | 491.8 | 459.9 | 442.8 | 426.4 | 420.2 | 414.4 | 412.8 |
| 60° | 434.6 | 413.0 | 397.0 | 384.1 | 374.8 | 372.9 | 372.3 |
| 62.5° | 387.3 | 364.7 | 353.6 | 343.6 | 336.8 | 333.9 | 332.9 |
| 65° | 319.3 | 302.6 | 292.8 | 284.8 | 282.3 | 278.0 | 277.4 |
| 67.5° | 257.4 | 247.4 | 240.9 | 235.3 | 232.0 | 231.8 | 231.8 |
| 70° | 219.5 | 213.9 | 208.4 | 205.3 | 203.4 | 202.2 | 202.2 |
| 72.5° | 186.9 | 182.8 | 178.3 | 176.6 | 176.3 | 175.0 | 174.6 |
| 75° | 142.4 | 138.1 | 138.7 | 135.6 | 133.1 | 130.1 | 128.2 |
| 77.5° | 100.9 | 97.9 | 97.3 | 96.9 | 94.8 | 94.4 | 95.4 |
| 80° | 78.3 | 75.2 | 74.5 | 75.2 | 74.5 | 72.8 | 72.8 |
| 82.5° | 59.6 | 57.0 | 56.4 | 56.0 | 55.4 | 56.0 | 55.0 |
| 85° | 32.0 | 30.9 | 30.9 | 30.9 | 32.0 | 31.5 | 30.9 |
| 87.5° | 13.3 | 12.8 | 13.4 | 13.0 | 13.1 | 12.5 | 13.0 |
| 90° | 9.6 | 10.2 | 10.2 | 10.7 | 11.1 | 10.7 | 10.7 |
| 92.5° | 75.2 | 59.8 | 49.7 | 43.6 | 40.9 | 39.1 | 39.1 |
| 95° | 298.1 | 229.9 | 180.6 | 155.7 | 139.9 | 130.7 | 124.1 |
| 97.5° | 527.6 | 477.9 | 424.7 | 388.3 | 357.6 | 342.3 | 331.7 |
| 100° | 623.7 | 598.7 | 561.1 | 516.8 | 485.8 | 470.6 | 466.5 |
| 102.5° | 661.1 | 668.3 | 652.6 | 625.4 | 603.0 | 586.9 | 583.6 |
| 105° | 657.7 | 708.1 | 729.0 | 730.0 | 725.9 | 718.7 | 715.7 |
| 107.5° | 605.3 | 676.3 | 721.6 | 746.7 | 758.3 | 763.4 | 764.7 |
| 110° | 564.6 | 638.4 | 694.4 | 730.5 | 751.8 | 761.0 | 765.5 |



TEST NUMBER: P332963-940

CATALOG NUMBER: SA4XXRDIP-C1020D590U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 528.8 | 598.5 | 654.4 | 695.4 | 721.3 | 734.1 | 741.5 |
| 115° | 487.9 | 547.3 | 596.2 | 636.3 | 666.9 | 683.1 | 687.2 |
| 117.5° | 464.4 | 511.2 | 552.6 | 586.9 | 612.5 | 629.0 | 632.2 |
| 120° | 454.2 | 494.9 | 531.0 | 560.1 | 582.5 | 595.7 | 601.3 |
| 122.5° | 447.7 | 484.7 | 516.4 | 540.9 | 560.1 | 571.2 | 576.8 |
| 125° | 437.5 | 472.5 | 500.5 | 520.8 | 535.7 | 545.3 | 548.3 |
| 127.5° | 425.3 | 460.4 | 486.9 | 507.4 | 520.5 | 528.6 | 531.6 |
| 130° | 415.6 | 450.1 | 477.2 | 498.0 | 510.7 | 518.9 | 521.9 |
| 132.5° | 404.6 | 438.4 | 465.3 | 485.8 | 500.2 | 507.8 | 511.0 |
| 135° | 388.2 | 419.1 | 444.6 | 464.9 | 479.2 | 487.3 | 490.4 |
| 137.5° | 372.4 | 398.5 | 421.5 | 440.5 | 454.6 | 461.3 | 464.9 |
| 140° | 362.2 | 385.0 | 406.4 | 424.3 | 435.4 | 442.6 | 446.7 |
| 142.5° | 353.7 | 373.3 | 391.8 | 407.5 | 417.9 | 424.3 | 427.0 |
| 145° | 341.8 | 357.1 | 371.3 | 384.1 | 392.7 | 397.8 | 400.3 |
| 147.5° | 331.6 | 343.8 | 355.1 | 364.4 | 371.8 | 375.7 | 376.7 |
| 150° | 325.6 | 335.7 | 344.9 | 353.0 | 359.6 | 362.7 | 363.2 |
| 152.5° | 319.4 | 328.8 | 336.4 | 343.2 | 348.7 | 350.4 | 351.0 |
| 155° | 310.8 | 318.4 | 324.5 | 329.7 | 333.7 | 335.2 | 335.2 |
| 157.5° | 302.3 | 308.6 | 313.5 | 317.4 | 320.5 | 321.4 | 321.4 |
| 160° | 296.6 | 302.1 | 306.2 | 309.2 | 312.4 | 312.8 | 312.8 |
| 162.5° | 291.2 | 295.6 | 299.3 | 301.6 | 304.6 | 305.1 | 304.7 |
| 165° | 283.3 | 286.9 | 289.4 | 291.5 | 293.5 | 293.0 | 292.5 |
| 167.5° | 276.6 | 279.5 | 281.0 | 282.0 | 283.3 | 283.2 | 282.9 |
| 170° | 272.2 | 274.2 | 275.7 | 276.7 | 277.2 | 276.7 | 276.7 |
| 172.5° | 268.5 | 269.7 | 270.8 | 271.4 | 272.0 | 271.4 | 270.6 |
| 175° | 263.5 | 264.5 | 264.5 | 264.5 | 265.6 | 264.5 | 263.5 |
| 177.5° | 260.6 | 260.6 | 260.9 | 260.6 | 260.9 | 260.1 | 259.3 |
| 180° | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 | 259.0 |

(END OF REPORT)