

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: P332590-830

Luminaire Tested: **SA4XXDIP-C795D590U830-4F0-1E-UDD-A1**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332590-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-10,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 795 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 590 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

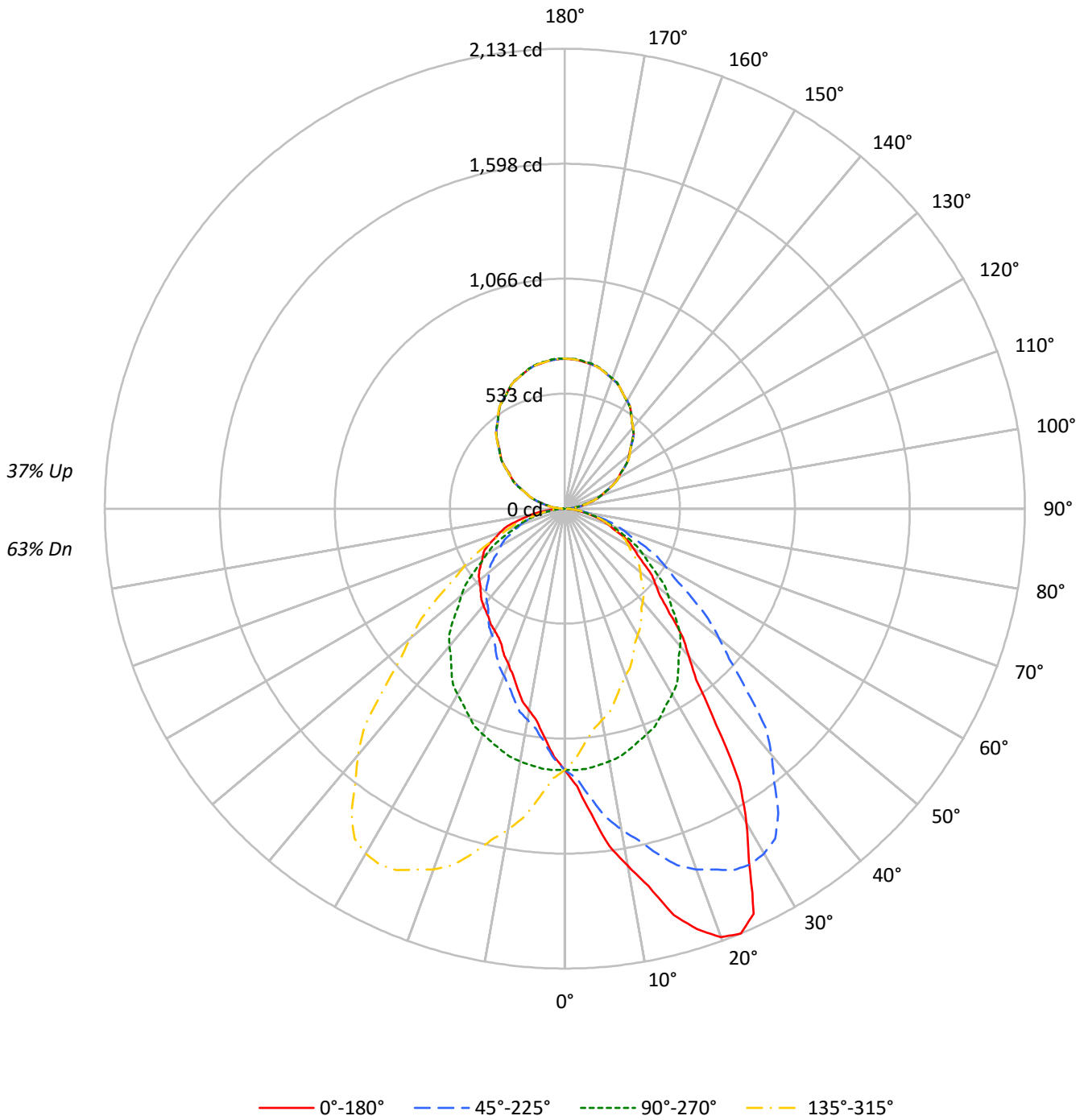
Lumens per Lamp: N/A
Luminaire Lumens: 5269.2 lumens
Efficiency: N/A
Efficacy: 130.8 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 40.3
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: P332590-830
CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 110 | 110 | 110 | 110 | 104 | 104 | 104 | 104 | 91 | 91 | 91 | 79 | 79 | 79 | 68 | 68 | 68 | 63 |
| 1 | 101 | 97 | 93 | 89 | 95 | 91 | 88 | 85 | 80 | 78 | 75 | 70 | 68 | 67 | 61 | 60 | 58 | 54 |
| 2 | 92 | 85 | 79 | 74 | 86 | 80 | 74 | 70 | 71 | 66 | 63 | 62 | 59 | 56 | 54 | 52 | 50 | 46 |
| 3 | 84 | 75 | 67 | 62 | 79 | 71 | 64 | 59 | 62 | 57 | 53 | 55 | 51 | 48 | 48 | 45 | 43 | 39 |
| 4 | 77 | 67 | 59 | 52 | 72 | 63 | 56 | 50 | 56 | 50 | 46 | 49 | 45 | 41 | 43 | 40 | 37 | 34 |
| 5 | 71 | 59 | 51 | 45 | 67 | 56 | 49 | 43 | 50 | 44 | 40 | 44 | 40 | 36 | 39 | 35 | 32 | 29 |
| 6 | 66 | 54 | 45 | 39 | 62 | 51 | 43 | 38 | 45 | 39 | 35 | 40 | 35 | 32 | 36 | 32 | 29 | 26 |
| 7 | 61 | 48 | 40 | 35 | 57 | 46 | 39 | 33 | 41 | 35 | 31 | 37 | 32 | 28 | 32 | 29 | 26 | 23 |
| 8 | 57 | 44 | 36 | 31 | 53 | 42 | 35 | 30 | 38 | 32 | 27 | 34 | 29 | 25 | 30 | 26 | 23 | 21 |
| 9 | 53 | 40 | 33 | 28 | 50 | 38 | 31 | 27 | 35 | 29 | 25 | 31 | 26 | 23 | 28 | 24 | 21 | 19 |
| 10 | 49 | 37 | 30 | 25 | 46 | 35 | 29 | 24 | 32 | 26 | 22 | 29 | 24 | 21 | 26 | 22 | 19 | 17 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 9769 | 9769 | 9769 | 9769 |
| 5° | 11505 | 9794 | 8645 | 9794 |
| 10° | 13774 | 9752 | 7783 | 9752 |
| 15° | 16298 | 9653 | 7148 | 9653 |
| 20° | 18148 | 9552 | 6580 | 9552 |
| 25° | 18441 | 9404 | 6188 | 9404 |
| 30° | 15691 | 9261 | 6065 | 9261 |
| 35° | 12064 | 9030 | 6067 | 9030 |
| 40° | 9403 | 8759 | 6181 | 8759 |
| 45° | 7840 | 8350 | 6284 | 8350 |
| 50° | 6900 | 7851 | 6498 | 7851 |
| 55° | 6321 | 7253 | 6759 | 7253 |
| 60° | 5924 | 6717 | 7074 | 6717 |
| 65° | 5515 | 6118 | 7335 | 6118 |
| 70° | 5042 | 5526 | 7501 | 5526 |
| 75° | 4504 | 4863 | 7411 | 4863 |
| 80° | 3775 | 3984 | 7178 | 3984 |
| 85° | 2788 | 2881 | 6873 | 2881 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 117.9 | 2.2 |
| 10°-20° | 363.4 | 6.9 |
| 20°-30° | 576.2 | 10.9 |
| 30°-40° | 641.2 | 12.2 |
| 40°-50° | 583.7 | 11.1 |
| 50°-60° | 477.0 | 9.1 |
| 60°-70° | 340.5 | 6.5 |
| 70°-80° | 187.5 | 3.6 |
| 80°-90° | 53.3 | 1.0 |
| 90°-100° | 45.8 | 0.9 |
| 100°-110° | 135.8 | 2.6 |
| 110°-120° | 230.5 | 4.4 |
| 120°-130° | 304.0 | 5.8 |
| 130°-140° | 341.4 | 6.5 |
| 140°-150° | 335.4 | 6.4 |
| 150°-160° | 282.1 | 5.4 |
| 160°-170° | 187.7 | 3.6 |
| 170°-180° | 65.7 | 1.2 |
| 0°-30° | 1057.5 | 20.1 |
| 0°-40° | 1698.7 | 32.2 |
| 0°-60° | 2759.4 | 52.4 |
| 0°-90° | 3340.8 | 63.4 |
| 90°-120° | 412.2 | 7.8 |
| 90°-150° | 1392.9 | 26.4 |
| 90°-180° | 1928.0 | 36.6 |
| 0°-180° | 5269.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1210 | 1210 | 1210 | 1210 | 1210 | |
| 5° | 1420 | 1209 | 1067 | 1209 | 1420 | 144 |
| 15° | 1950 | 1155 | 855 | 1155 | 1950 | 551 |
| 25° | 2070 | 1056 | 695 | 1056 | 2070 | 913 |
| 35° | 1224 | 916 | 616 | 916 | 1224 | 777 |
| 45° | 687 | 731 | 550 | 731 | 687 | 541 |
| 55° | 449 | 515 | 480 | 515 | 449 | 406 |
| 65° | 289 | 320 | 384 | 320 | 289 | 286 |
| 75° | 144 | 156 | 238 | 156 | 144 | 154 |
| 85° | 30 | 31 | 74 | 31 | 30 | 37 |
| 90° | 16 | 2 | 16 | 2 | 16 | 9 |
| 95° | 42 | 32 | 42 | 32 | 42 | 44 |
| 105° | 131 | 125 | 131 | 125 | 131 | 138 |
| 115° | 232 | 234 | 232 | 234 | 232 | 230 |
| 125° | 339 | 341 | 339 | 341 | 339 | 302 |
| 135° | 441 | 440 | 441 | 440 | 441 | 340 |
| 145° | 536 | 535 | 536 | 535 | 536 | 335 |
| 155° | 612 | 613 | 612 | 613 | 612 | 282 |
| 165° | 666 | 667 | 666 | 667 | 666 | 187 |
| 175° | 691 | 694 | 691 | 694 | 691 | 66 |
| 180° | 695 | 695 | 695 | 695 | 695 | |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 |
| 2.5° | 1287.9 | 1287.5 | 1283.5 | 1282.7 | 1279.9 | 1276.3 | 1275.4 | 1269.0 | 1256.2 | 1250.2 | 1248.6 |
| 5° | 1419.7 | 1429.6 | 1416.6 | 1414.1 | 1412.6 | 1396.1 | 1387.5 | 1377.5 | 1354.4 | 1341.0 | 1330.4 |
| 7.5° | 1576.9 | 1578.0 | 1572.3 | 1567.7 | 1555.0 | 1540.5 | 1518.9 | 1495.8 | 1468.4 | 1439.7 | 1418.2 |
| 10° | 1680.3 | 1684.3 | 1677.8 | 1676.8 | 1651.2 | 1635.2 | 1603.1 | 1576.0 | 1544.9 | 1510.3 | 1478.8 |
| 12.5° | 1789.4 | 1783.8 | 1780.5 | 1759.0 | 1754.3 | 1725.0 | 1687.7 | 1659.8 | 1611.9 | 1572.2 | 1530.1 |
| 15° | 1950.0 | 1939.0 | 1931.9 | 1902.3 | 1887.8 | 1847.2 | 1807.6 | 1777.1 | 1714.4 | 1654.7 | 1609.6 |
| 17.5° | 2044.2 | 2055.2 | 2039.0 | 2026.8 | 1989.2 | 1960.8 | 1920.3 | 1856.1 | 1807.1 | 1733.1 | 1676.1 |
| 20° | 2112.4 | 2113.4 | 2104.4 | 2091.9 | 2062.3 | 2026.2 | 1982.1 | 1911.9 | 1853.2 | 1779.5 | 1701.4 |
| 22.5° | 2130.8 | 2131.1 | 2127.2 | 2115.5 | 2093.1 | 2063.9 | 2019.4 | 1960.8 | 1889.7 | 1809.6 | 1731.5 |
| 25° | 2070.3 | 2068.3 | 2072.8 | 2085.8 | 2077.3 | 2068.3 | 2042.7 | 1999.1 | 1933.0 | 1848.2 | 1764.0 |
| 27.5° | 1845.3 | 1859.2 | 1884.6 | 1916.7 | 1947.6 | 1971.1 | 1977.7 | 1968.8 | 1927.8 | 1858.1 | 1769.9 |
| 30° | 1683.3 | 1700.3 | 1719.4 | 1751.4 | 1813.6 | 1849.3 | 1888.3 | 1917.9 | 1901.4 | 1845.7 | 1763.5 |
| 32.5° | 1505.2 | 1509.5 | 1537.8 | 1574.2 | 1631.2 | 1699.7 | 1761.6 | 1821.7 | 1841.6 | 1812.4 | 1743.9 |
| 35° | 1224.1 | 1231.1 | 1261.7 | 1297.8 | 1367.5 | 1451.2 | 1544.5 | 1627.7 | 1696.3 | 1723.9 | 1688.8 |
| 37.5° | 998.9 | 1019.1 | 1040.7 | 1079.5 | 1140.9 | 1216.2 | 1313.1 | 1420.7 | 1523.1 | 1591.7 | 1603.3 |
| 40° | 892.3 | 904.8 | 920.4 | 949.9 | 1002.0 | 1076.3 | 1159.4 | 1282.8 | 1391.6 | 1489.8 | 1521.9 |
| 42.5° | 808.0 | 815.4 | 824.9 | 851.7 | 891.4 | 965.2 | 1041.1 | 1149.6 | 1258.9 | 1376.3 | 1430.0 |
| 45° | 686.7 | 694.3 | 710.3 | 725.9 | 755.9 | 807.1 | 877.7 | 967.0 | 1076.8 | 1190.1 | 1289.3 |
| 47.5° | 599.2 | 604.0 | 613.5 | 630.1 | 655.6 | 689.4 | 746.9 | 821.4 | 923.1 | 1033.1 | 1138.9 |
| 50° | 549.4 | 553.4 | 560.9 | 576.0 | 595.5 | 625.6 | 672.7 | 742.4 | 822.1 | 932.9 | 1036.6 |
| 52.5° | 510.1 | 511.7 | 517.3 | 527.4 | 543.0 | 568.3 | 606.9 | 664.6 | 738.7 | 837.4 | 940.8 |
| 55° | 449.1 | 451.2 | 456.2 | 463.7 | 477.2 | 493.2 | 522.8 | 565.9 | 630.7 | 716.3 | 806.1 |
| 57.5° | 399.0 | 400.4 | 404.6 | 407.6 | 418.7 | 431.7 | 454.5 | 485.2 | 534.2 | 606.9 | 687.0 |
| 60° | 366.9 | 365.9 | 371.0 | 373.4 | 381.0 | 392.0 | 409.5 | 439.1 | 481.7 | 540.4 | 614.1 |
| 62.5° | 335.6 | 334.2 | 338.5 | 341.8 | 346.1 | 355.5 | 369.9 | 393.0 | 427.6 | 480.6 | 544.3 |
| 65° | 288.7 | 286.7 | 289.3 | 293.2 | 297.3 | 302.3 | 312.8 | 333.4 | 360.9 | 399.0 | 447.6 |
| 67.5° | 241.6 | 243.7 | 244.1 | 246.1 | 248.5 | 255.2 | 262.5 | 277.0 | 296.4 | 327.0 | 368.2 |
| 70° | 213.6 | 214.1 | 216.0 | 216.0 | 217.5 | 223.6 | 229.6 | 238.1 | 257.1 | 285.2 | 318.8 |
| 72.5° | 185.5 | 187.6 | 186.8 | 188.4 | 189.5 | 193.5 | 197.9 | 206.0 | 222.3 | 243.1 | 271.5 |
| 75° | 144.4 | 145.9 | 145.9 | 146.4 | 147.9 | 149.4 | 152.9 | 158.9 | 170.4 | 186.0 | 205.6 |
| 77.5° | 105.3 | 105.5 | 106.1 | 108.0 | 108.0 | 110.4 | 113.0 | 117.8 | 123.5 | 134.1 | 146.1 |
| 80° | 81.2 | 82.2 | 81.7 | 82.8 | 82.8 | 84.7 | 85.7 | 91.7 | 94.3 | 101.2 | 110.7 |
| 82.5° | 59.6 | 60.5 | 60.4 | 61.8 | 62.7 | 63.1 | 64.5 | 66.8 | 69.4 | 75.6 | 79.5 |
| 85° | 30.1 | 31.1 | 30.1 | 31.1 | 32.6 | 33.1 | 34.6 | 35.1 | 37.1 | 38.6 | 42.1 |
| 87.5° | 12.1 | 13.2 | 13.2 | 13.5 | 14.2 | 14.6 | 14.8 | 14.3 | 15.7 | 16.0 | 17.4 |
| 90° | 16.1 | 15.9 | 15.6 | 15.5 | 15.2 | 14.7 | 13.9 | 13.3 | 12.5 | 11.8 | 10.8 |
| 92.5° | 23.8 | 23.8 | 23.6 | 23.5 | 23.3 | 23.0 | 22.6 | 22.1 | 21.7 | 21.3 | 20.6 |
| 95° | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.3 | 41.9 | 41.6 | 41.2 | 40.8 | 40.1 |
| 97.5° | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.4 | 65.9 | 65.5 | 65.0 | 64.7 | 63.6 |
| 100° | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.2 | 82.9 | 82.8 | 82.5 | 82.3 | 81.2 |
| 102.5° | 102.3 | 102.2 | 102.1 | 102.0 | 101.9 | 101.6 | 101.3 | 100.9 | 100.7 | 100.3 | 99.3 |
| 105° | 131.2 | 130.8 | 130.4 | 130.1 | 129.7 | 129.4 | 129.0 | 128.7 | 128.3 | 127.9 | 127.4 |
| 107.5° | 159.4 | 159.4 | 159.4 | 159.4 | 159.5 | 159.3 | 158.9 | 158.6 | 158.3 | 158.0 | 157.9 |
| 110° | 179.6 | 179.2 | 178.8 | 178.5 | 178.1 | 178.0 | 178.3 | 178.5 | 178.8 | 179.0 | 179.2 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.2 | 200.1 | 200.0 | 200.0 | 199.9 | 199.9 | 199.9 | 200.0 | 200.0 | 200.1 | 200.3 |
| 115° | 232.2 | 232.3 | 232.4 | 232.6 | 232.7 | 232.8 | 233.0 | 233.1 | 233.2 | 233.3 | 233.6 |
| 117.5° | 262.8 | 263.0 | 263.3 | 263.4 | 263.7 | 264.0 | 264.5 | 264.9 | 265.2 | 265.7 | 265.8 |
| 120° | 286.0 | 285.8 | 285.5 | 285.3 | 285.0 | 285.2 | 285.8 | 286.4 | 287.0 | 287.6 | 287.9 |
| 122.5° | 305.4 | 305.8 | 306.2 | 306.6 | 307.1 | 307.5 | 307.9 | 308.3 | 308.7 | 309.2 | 309.2 |
| 125° | 338.7 | 338.9 | 339.1 | 339.4 | 339.6 | 339.9 | 340.1 | 340.4 | 340.5 | 340.8 | 340.9 |
| 127.5° | 369.6 | 369.8 | 369.9 | 370.1 | 370.3 | 370.5 | 370.8 | 371.0 | 371.3 | 371.5 | 371.6 |
| 130° | 389.7 | 390.2 | 390.7 | 391.2 | 391.6 | 392.0 | 392.3 | 392.5 | 392.8 | 392.9 | 392.9 |
| 132.5° | 411.2 | 411.4 | 411.6 | 411.8 | 412.0 | 412.3 | 412.5 | 412.7 | 412.9 | 413.2 | 413.3 |
| 135° | 440.8 | 441.2 | 441.5 | 441.9 | 442.2 | 442.5 | 442.8 | 443.0 | 443.3 | 443.5 | 443.5 |
| 137.5° | 471.9 | 471.8 | 471.7 | 471.6 | 471.6 | 471.7 | 472.0 | 472.3 | 472.7 | 473.0 | 472.8 |
| 140° | 490.8 | 491.0 | 491.1 | 491.2 | 491.3 | 491.4 | 491.5 | 491.6 | 491.7 | 491.9 | 491.9 |
| 142.5° | 509.7 | 509.7 | 509.8 | 509.8 | 509.8 | 509.8 | 509.9 | 509.9 | 509.9 | 509.9 | 510.0 |
| 145° | 535.5 | 535.7 | 536.1 | 536.5 | 536.9 | 537.1 | 537.2 | 537.3 | 537.4 | 537.5 | 537.4 |
| 147.5° | 561.5 | 561.6 | 561.7 | 561.8 | 561.9 | 562.0 | 562.1 | 562.2 | 562.3 | 562.4 | 562.5 |
| 150° | 577.4 | 577.5 | 577.6 | 577.7 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 |
| 152.5° | 592.0 | 592.3 | 592.6 | 593.0 | 593.2 | 593.2 | 593.0 | 592.7 | 592.4 | 592.1 | 592.0 |
| 155° | 612.3 | 612.7 | 613.2 | 613.7 | 614.3 | 614.3 | 613.7 | 613.2 | 612.7 | 612.3 | 612.5 |
| 157.5° | 630.5 | 630.8 | 631.3 | 631.7 | 632.1 | 632.2 | 631.8 | 631.4 | 631.0 | 630.7 | 630.7 |
| 160° | 640.8 | 641.4 | 642.0 | 642.6 | 643.2 | 643.3 | 642.9 | 642.6 | 642.2 | 641.9 | 642.0 |
| 162.5° | 651.6 | 652.1 | 652.7 | 653.4 | 653.9 | 653.9 | 653.3 | 652.6 | 652.0 | 651.3 | 651.5 |
| 165° | 665.5 | 666.0 | 666.5 | 666.9 | 667.4 | 667.3 | 666.6 | 665.9 | 665.2 | 664.5 | 664.7 |
| 167.5° | 675.5 | 676.3 | 677.0 | 677.8 | 678.4 | 678.5 | 677.8 | 677.0 | 676.4 | 675.6 | 675.6 |
| 170° | 681.1 | 681.9 | 682.8 | 683.6 | 684.5 | 684.5 | 683.8 | 683.1 | 682.4 | 681.6 | 681.6 |
| 172.5° | 685.9 | 686.6 | 687.5 | 688.3 | 689.2 | 689.2 | 688.4 | 687.6 | 686.7 | 686.0 | 685.9 |
| 175° | 690.8 | 691.6 | 692.5 | 693.3 | 694.1 | 694.1 | 693.3 | 692.5 | 691.6 | 690.8 | 690.9 |
| 177.5° | 693.3 | 694.1 | 694.9 | 695.7 | 696.4 | 696.4 | 695.8 | 695.1 | 694.5 | 693.8 | 693.8 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 |
| 2.5° | 1249.0 | 1243.4 | 1239.3 | 1236.1 | 1227.4 | 1222.1 | 1218.1 | 1212.5 | 1206.1 | 1199.3 | 1190.8 |
| 5° | 1319.8 | 1302.8 | 1290.3 | 1271.2 | 1253.2 | 1238.1 | 1222.7 | 1208.6 | 1191.6 | 1173.0 | 1159.4 |
| 7.5° | 1394.4 | 1369.0 | 1336.5 | 1308.3 | 1276.7 | 1249.1 | 1224.5 | 1199.2 | 1172.9 | 1147.5 | 1124.1 |
| 10° | 1441.7 | 1409.1 | 1373.0 | 1330.4 | 1290.3 | 1254.7 | 1221.6 | 1189.6 | 1158.5 | 1127.4 | 1100.8 |
| 12.5° | 1492.6 | 1452.0 | 1398.6 | 1348.9 | 1303.9 | 1256.3 | 1216.4 | 1177.1 | 1139.6 | 1106.9 | 1075.9 |
| 15° | 1560.9 | 1502.3 | 1440.7 | 1374.0 | 1314.8 | 1259.2 | 1204.6 | 1155.0 | 1112.9 | 1069.7 | 1039.6 |
| 17.5° | 1603.0 | 1530.4 | 1459.9 | 1390.3 | 1318.7 | 1248.5 | 1189.6 | 1132.3 | 1079.6 | 1036.7 | 998.8 |
| 20° | 1630.7 | 1558.5 | 1470.7 | 1401.1 | 1315.9 | 1243.7 | 1175.5 | 1111.8 | 1056.7 | 1011.1 | 971.9 |
| 22.5° | 1654.7 | 1571.3 | 1483.6 | 1391.9 | 1307.0 | 1230.5 | 1155.8 | 1091.7 | 1035.5 | 987.4 | 949.9 |
| 25° | 1667.7 | 1572.0 | 1476.8 | 1385.5 | 1289.3 | 1198.5 | 1130.9 | 1055.7 | 995.5 | 944.9 | 904.8 |
| 27.5° | 1669.1 | 1566.8 | 1459.1 | 1357.6 | 1258.3 | 1173.8 | 1088.4 | 1021.2 | 958.8 | 905.2 | 866.7 |
| 30° | 1664.7 | 1558.0 | 1442.2 | 1332.4 | 1232.7 | 1140.9 | 1066.8 | 993.5 | 929.9 | 876.8 | 836.6 |
| 32.5° | 1650.7 | 1539.5 | 1420.5 | 1304.3 | 1201.0 | 1111.3 | 1034.6 | 965.1 | 903.1 | 850.6 | 808.6 |
| 35° | 1610.1 | 1500.3 | 1373.5 | 1252.7 | 1146.9 | 1056.2 | 987.0 | 916.3 | 854.2 | 804.6 | 763.9 |
| 37.5° | 1546.6 | 1447.4 | 1318.4 | 1193.4 | 1089.6 | 998.4 | 929.9 | 866.0 | 809.9 | 759.5 | 717.9 |
| 40° | 1491.3 | 1404.1 | 1274.8 | 1152.9 | 1040.7 | 953.9 | 889.8 | 831.1 | 775.5 | 727.8 | 688.2 |
| 42.5° | 1427.6 | 1351.5 | 1232.3 | 1103.2 | 994.9 | 907.9 | 845.3 | 792.6 | 740.2 | 696.2 | 656.6 |
| 45° | 1313.8 | 1263.8 | 1151.4 | 1032.2 | 919.4 | 837.2 | 777.5 | 731.4 | 687.3 | 644.1 | 611.1 |
| 47.5° | 1183.1 | 1158.3 | 1063.8 | 950.5 | 843.4 | 762.3 | 710.6 | 668.0 | 629.3 | 592.9 | 563.6 |
| 50° | 1095.3 | 1083.3 | 1001.5 | 892.3 | 790.0 | 713.8 | 661.7 | 625.1 | 592.0 | 560.0 | 532.3 |
| 52.5° | 1008.7 | 1008.2 | 934.6 | 834.5 | 739.9 | 666.5 | 614.7 | 580.6 | 552.0 | 525.8 | 501.1 |
| 55° | 876.3 | 890.2 | 832.6 | 743.4 | 658.6 | 592.5 | 545.9 | 515.3 | 495.3 | 473.7 | 455.2 |
| 57.5° | 754.6 | 777.9 | 730.4 | 651.8 | 581.1 | 520.1 | 479.6 | 456.6 | 435.2 | 422.2 | 408.7 |
| 60° | 675.2 | 697.3 | 660.2 | 594.0 | 527.4 | 475.2 | 436.6 | 416.0 | 397.5 | 388.5 | 379.0 |
| 62.5° | 604.6 | 624.3 | 596.8 | 535.5 | 477.6 | 427.5 | 394.9 | 375.1 | 362.6 | 352.8 | 346.5 |
| 65° | 503.8 | 520.3 | 496.8 | 452.1 | 402.6 | 362.4 | 335.8 | 320.3 | 308.3 | 304.3 | 297.3 |
| 67.5° | 407.3 | 422.3 | 409.5 | 371.6 | 331.9 | 301.4 | 280.7 | 265.8 | 258.6 | 255.1 | 250.2 |
| 70° | 349.9 | 365.0 | 351.4 | 318.3 | 287.8 | 262.2 | 242.6 | 234.1 | 226.6 | 225.1 | 218.0 |
| 72.5° | 301.3 | 311.6 | 298.0 | 272.2 | 246.0 | 224.5 | 209.3 | 200.4 | 196.5 | 193.8 | 190.0 |
| 75° | 226.1 | 235.1 | 226.1 | 206.0 | 187.5 | 172.5 | 159.4 | 155.9 | 151.4 | 149.9 | 147.4 |
| 77.5° | 160.0 | 167.9 | 160.9 | 148.4 | 134.5 | 122.9 | 115.9 | 111.4 | 110.4 | 107.7 | 109.0 |
| 80° | 122.3 | 127.3 | 120.8 | 112.3 | 101.2 | 93.2 | 88.2 | 85.7 | 82.8 | 81.7 | 83.7 |
| 82.5° | 87.8 | 90.0 | 86.7 | 81.0 | 72.8 | 67.6 | 64.2 | 61.3 | 60.7 | 60.9 | 60.9 |
| 85° | 45.6 | 45.1 | 44.6 | 39.6 | 37.1 | 33.6 | 31.6 | 31.1 | 30.5 | 31.6 | 32.6 |
| 87.5° | 17.2 | 17.4 | 16.9 | 15.0 | 13.6 | 12.1 | 11.4 | 10.7 | 11.4 | 12.1 | 12.7 |
| 90° | 9.9 | 9.0 | 8.0 | 6.9 | 5.6 | 4.2 | 2.9 | 1.6 | 2.9 | 4.2 | 5.6 |
| 92.5° | 20.0 | 19.3 | 18.6 | 17.5 | 16.0 | 14.5 | 13.0 | 11.5 | 13.0 | 14.5 | 16.0 |
| 95° | 39.2 | 38.4 | 37.5 | 36.6 | 35.4 | 34.4 | 33.4 | 32.2 | 33.4 | 34.4 | 35.4 |
| 97.5° | 62.7 | 61.6 | 60.7 | 59.8 | 58.9 | 58.1 | 57.2 | 56.4 | 57.2 | 58.1 | 58.9 |
| 100° | 80.1 | 79.0 | 77.9 | 77.2 | 76.7 | 76.3 | 75.8 | 75.2 | 75.8 | 76.3 | 76.7 |
| 102.5° | 98.3 | 97.4 | 96.4 | 95.8 | 95.6 | 95.4 | 95.2 | 95.0 | 95.2 | 95.4 | 95.6 |
| 105° | 127.0 | 126.5 | 126.0 | 125.7 | 125.6 | 125.5 | 125.4 | 125.3 | 125.4 | 125.5 | 125.6 |
| 107.5° | 157.8 | 157.7 | 157.7 | 157.6 | 157.4 | 157.2 | 157.1 | 156.9 | 157.1 | 157.2 | 157.4 |
| 110° | 179.3 | 179.4 | 179.5 | 179.5 | 179.2 | 179.0 | 178.7 | 178.5 | 178.7 | 179.0 | 179.2 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.5 | 200.8 | 201.0 | 201.0 | 201.0 | 201.0 | 200.9 | 200.9 | 200.9 | 201.0 | 201.0 |
| 115° | 233.8 | 234.0 | 234.2 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 |
| 117.5° | 266.0 | 266.2 | 266.4 | 266.4 | 266.3 | 266.2 | 266.1 | 266.0 | 266.1 | 266.2 | 266.3 |
| 120° | 288.3 | 288.7 | 289.1 | 289.0 | 288.5 | 288.0 | 287.6 | 287.1 | 287.6 | 288.0 | 288.5 |
| 122.5° | 309.4 | 309.6 | 309.8 | 309.7 | 309.5 | 309.3 | 309.2 | 309.0 | 309.2 | 309.3 | 309.5 |
| 125° | 341.1 | 341.2 | 341.3 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |
| 127.5° | 371.8 | 372.0 | 372.2 | 372.1 | 371.8 | 371.5 | 371.1 | 370.7 | 371.1 | 371.5 | 371.8 |
| 130° | 392.9 | 392.9 | 392.9 | 392.8 | 392.5 | 392.1 | 391.7 | 391.3 | 391.7 | 392.1 | 392.5 |
| 132.5° | 413.4 | 413.5 | 413.6 | 413.5 | 413.2 | 412.9 | 412.7 | 412.5 | 412.7 | 412.9 | 413.2 |
| 135° | 443.5 | 443.5 | 443.5 | 443.2 | 442.4 | 441.7 | 441.0 | 440.3 | 441.0 | 441.7 | 442.4 |
| 137.5° | 472.6 | 472.4 | 472.2 | 471.9 | 471.6 | 471.3 | 470.9 | 470.6 | 470.9 | 471.3 | 471.6 |
| 140° | 491.9 | 491.9 | 491.9 | 491.7 | 491.5 | 491.3 | 491.1 | 490.8 | 491.1 | 491.3 | 491.5 |
| 142.5° | 510.1 | 510.2 | 510.3 | 510.3 | 510.0 | 509.8 | 509.5 | 509.3 | 509.5 | 509.8 | 510.0 |
| 145° | 537.3 | 537.2 | 537.1 | 536.8 | 536.3 | 535.8 | 535.4 | 534.9 | 535.4 | 535.8 | 536.3 |
| 147.5° | 562.6 | 562.7 | 562.8 | 562.6 | 561.9 | 561.4 | 560.8 | 560.2 | 560.8 | 561.4 | 561.9 |
| 150° | 577.9 | 577.9 | 577.9 | 577.7 | 577.2 | 576.7 | 576.3 | 575.7 | 576.3 | 576.7 | 577.2 |
| 152.5° | 591.9 | 591.8 | 591.7 | 591.5 | 591.3 | 591.0 | 590.7 | 590.4 | 590.7 | 591.0 | 591.3 |
| 155° | 612.6 | 612.7 | 612.7 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 |
| 157.5° | 630.7 | 630.7 | 630.7 | 630.9 | 631.1 | 631.3 | 631.5 | 631.8 | 631.5 | 631.3 | 631.1 |
| 160° | 642.2 | 642.2 | 642.3 | 642.4 | 642.6 | 642.7 | 642.8 | 642.9 | 642.8 | 642.7 | 642.6 |
| 162.5° | 651.6 | 651.7 | 651.8 | 652.1 | 652.3 | 652.6 | 653.0 | 653.3 | 653.0 | 652.6 | 652.3 |
| 165° | 665.0 | 665.2 | 665.4 | 665.7 | 666.1 | 666.4 | 666.8 | 667.1 | 666.8 | 666.4 | 666.1 |
| 167.5° | 675.6 | 675.5 | 675.5 | 675.8 | 676.3 | 676.7 | 677.3 | 677.8 | 677.3 | 676.7 | 676.3 |
| 170° | 681.4 | 681.3 | 681.2 | 681.4 | 682.0 | 682.6 | 683.2 | 683.8 | 683.2 | 682.6 | 682.0 |
| 172.5° | 685.9 | 685.9 | 685.9 | 686.1 | 686.6 | 687.1 | 687.6 | 688.1 | 687.6 | 687.1 | 686.6 |
| 175° | 691.1 | 691.2 | 691.3 | 691.6 | 692.2 | 692.9 | 693.4 | 694.0 | 693.4 | 692.9 | 692.2 |
| 177.5° | 693.8 | 693.8 | 693.8 | 694.0 | 694.6 | 695.0 | 695.5 | 696.0 | 695.5 | 695.0 | 694.6 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 |
| 2.5° | 1186.8 | 1183.3 | 1178.0 | 1170.8 | 1164.8 | 1158.4 | 1156.8 | 1154.3 | 1159.1 | 1155.2 | 1154.0 |
| 5° | 1147.9 | 1137.4 | 1123.9 | 1108.3 | 1099.3 | 1086.3 | 1083.7 | 1078.7 | 1073.7 | 1073.3 | 1068.2 |
| 7.5° | 1106.7 | 1091.3 | 1073.6 | 1057.7 | 1043.0 | 1028.8 | 1019.5 | 1017.5 | 1010.1 | 1005.8 | 1000.8 |
| 10° | 1080.2 | 1061.2 | 1040.7 | 1025.6 | 1008.6 | 993.5 | 983.0 | 977.0 | 971.9 | 966.5 | 961.5 |
| 12.5° | 1049.0 | 1028.7 | 1011.8 | 995.5 | 975.2 | 963.8 | 946.5 | 936.1 | 935.1 | 935.2 | 922.2 |
| 15° | 1012.6 | 992.5 | 966.5 | 943.4 | 932.4 | 910.3 | 900.8 | 888.7 | 881.3 | 873.7 | 867.7 |
| 17.5° | 971.0 | 946.0 | 925.7 | 899.2 | 878.2 | 860.6 | 848.1 | 840.8 | 829.5 | 818.9 | 811.2 |
| 20° | 944.9 | 918.3 | 896.8 | 868.7 | 845.6 | 824.1 | 813.6 | 803.5 | 795.0 | 786.0 | 777.5 |
| 22.5° | 918.4 | 890.7 | 864.3 | 837.1 | 815.6 | 792.9 | 782.7 | 769.0 | 760.9 | 755.9 | 747.4 |
| 25° | 876.8 | 846.7 | 816.6 | 790.5 | 768.5 | 748.4 | 734.9 | 724.3 | 715.3 | 711.3 | 705.8 |
| 27.5° | 831.4 | 801.5 | 772.5 | 742.9 | 717.8 | 703.3 | 692.5 | 684.6 | 679.3 | 674.0 | 671.6 |
| 30° | 802.6 | 771.5 | 740.4 | 712.8 | 689.8 | 675.2 | 665.2 | 659.7 | 655.6 | 653.2 | 650.6 |
| 32.5° | 773.3 | 742.6 | 709.9 | 684.8 | 664.1 | 651.2 | 643.6 | 638.0 | 636.0 | 635.1 | 634.2 |
| 35° | 726.3 | 695.3 | 665.2 | 642.6 | 623.1 | 618.1 | 611.5 | 608.6 | 607.6 | 611.1 | 612.6 |
| 37.5° | 680.9 | 652.1 | 624.4 | 602.6 | 589.7 | 582.4 | 580.1 | 580.3 | 583.9 | 587.0 | 590.6 |
| 40° | 651.7 | 623.6 | 597.6 | 578.4 | 566.5 | 561.9 | 560.9 | 563.5 | 567.4 | 571.0 | 575.0 |
| 42.5° | 623.2 | 595.5 | 571.8 | 554.0 | 545.6 | 541.5 | 542.1 | 544.6 | 550.2 | 554.5 | 560.5 |
| 45° | 579.0 | 555.9 | 532.8 | 518.3 | 511.3 | 512.3 | 512.3 | 516.8 | 522.4 | 528.9 | 535.4 |
| 47.5° | 537.3 | 514.2 | 495.1 | 483.0 | 479.3 | 478.4 | 481.3 | 487.1 | 495.0 | 503.1 | 512.2 |
| 50° | 509.3 | 487.2 | 470.7 | 459.7 | 455.6 | 457.1 | 461.2 | 466.7 | 476.2 | 486.3 | 495.8 |
| 52.5° | 480.8 | 460.8 | 445.4 | 435.2 | 432.4 | 435.1 | 439.1 | 447.8 | 456.2 | 467.0 | 478.5 |
| 55° | 436.6 | 419.5 | 407.6 | 400.0 | 399.0 | 400.5 | 405.0 | 414.5 | 426.6 | 440.2 | 451.2 |
| 57.5° | 392.6 | 378.3 | 367.3 | 362.1 | 362.6 | 364.0 | 371.5 | 382.8 | 395.6 | 410.0 | 424.2 |
| 60° | 363.0 | 349.9 | 340.9 | 336.9 | 337.3 | 340.4 | 349.4 | 360.0 | 376.0 | 390.0 | 405.0 |
| 62.5° | 334.9 | 323.4 | 314.8 | 311.2 | 310.5 | 317.1 | 325.7 | 336.7 | 352.7 | 368.3 | 384.6 |
| 65° | 289.7 | 280.7 | 273.7 | 271.7 | 273.2 | 278.2 | 289.3 | 303.8 | 317.4 | 333.8 | 350.9 |
| 67.5° | 245.6 | 238.2 | 233.4 | 234.3 | 236.1 | 243.6 | 252.8 | 265.2 | 280.6 | 297.7 | 314.6 |
| 70° | 217.5 | 210.6 | 206.5 | 207.0 | 210.0 | 219.0 | 227.1 | 239.6 | 256.2 | 273.7 | 287.8 |
| 72.5° | 188.7 | 184.1 | 180.5 | 182.6 | 185.6 | 191.8 | 201.8 | 214.3 | 228.8 | 245.2 | 260.0 |
| 75° | 144.9 | 144.9 | 142.9 | 144.4 | 148.9 | 154.9 | 162.4 | 175.4 | 190.0 | 203.0 | 215.1 |
| 77.5° | 107.4 | 106.4 | 107.6 | 109.5 | 112.1 | 119.2 | 127.8 | 137.1 | 148.1 | 161.1 | 171.1 |
| 80° | 82.2 | 82.8 | 85.2 | 88.2 | 89.3 | 94.7 | 103.8 | 112.3 | 120.8 | 131.9 | 141.4 |
| 82.5° | 61.7 | 62.3 | 63.5 | 67.4 | 68.3 | 74.3 | 80.1 | 88.6 | 96.3 | 103.8 | 111.7 |
| 85° | 33.6 | 33.6 | 36.1 | 37.6 | 40.1 | 44.1 | 47.6 | 52.6 | 59.7 | 64.7 | 72.2 |
| 87.5° | 14.2 | 14.4 | 16.2 | 17.2 | 18.7 | 20.8 | 21.8 | 26.3 | 28.1 | 30.2 | 33.9 |
| 90° | 6.9 | 8.0 | 9.0 | 9.9 | 10.8 | 11.8 | 12.5 | 13.3 | 13.9 | 14.7 | 15.2 |
| 92.5° | 17.5 | 18.6 | 19.3 | 20.0 | 20.6 | 21.3 | 21.7 | 22.1 | 22.6 | 23.0 | 23.3 |
| 95° | 36.6 | 37.5 | 38.4 | 39.2 | 40.1 | 40.8 | 41.2 | 41.6 | 41.9 | 42.3 | 42.5 |
| 97.5° | 59.8 | 60.7 | 61.6 | 62.7 | 63.6 | 64.7 | 65.0 | 65.5 | 65.9 | 66.4 | 66.5 |
| 100° | 77.2 | 77.9 | 79.0 | 80.1 | 81.2 | 82.3 | 82.5 | 82.8 | 82.9 | 83.2 | 83.3 |
| 102.5° | 95.8 | 96.4 | 97.4 | 98.3 | 99.3 | 100.3 | 100.7 | 100.9 | 101.3 | 101.6 | 101.9 |
| 105° | 125.7 | 126.0 | 126.5 | 127.0 | 127.4 | 127.9 | 128.3 | 128.7 | 129.0 | 129.4 | 129.7 |
| 107.5° | 157.6 | 157.7 | 157.7 | 157.8 | 157.9 | 158.0 | 158.3 | 158.6 | 158.9 | 159.3 | 159.5 |
| 110° | 179.5 | 179.5 | 179.4 | 179.3 | 179.2 | 179.0 | 178.8 | 178.5 | 178.3 | 178.0 | 178.1 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 201.0 | 201.0 | 200.8 | 200.5 | 200.3 | 200.1 | 200.0 | 200.0 | 199.9 | 199.9 | 199.9 |
| 115° | 234.4 | 234.2 | 234.0 | 233.8 | 233.6 | 233.3 | 233.2 | 233.1 | 233.0 | 232.8 | 232.7 |
| 117.5° | 266.4 | 266.4 | 266.2 | 266.0 | 265.8 | 265.7 | 265.2 | 264.9 | 264.5 | 264.0 | 263.7 |
| 120° | 289.0 | 289.1 | 288.7 | 288.3 | 287.9 | 287.6 | 287.0 | 286.4 | 285.8 | 285.2 | 285.0 |
| 122.5° | 309.7 | 309.8 | 309.6 | 309.4 | 309.2 | 309.2 | 308.7 | 308.3 | 307.9 | 307.5 | 307.1 |
| 125° | 341.4 | 341.3 | 341.2 | 341.1 | 340.9 | 340.8 | 340.5 | 340.4 | 340.1 | 339.9 | 339.6 |
| 127.5° | 372.1 | 372.2 | 372.0 | 371.8 | 371.6 | 371.5 | 371.3 | 371.0 | 370.8 | 370.5 | 370.3 |
| 130° | 392.8 | 392.9 | 392.9 | 392.9 | 392.9 | 392.9 | 392.8 | 392.5 | 392.3 | 392.0 | 391.6 |
| 132.5° | 413.5 | 413.6 | 413.5 | 413.4 | 413.3 | 413.2 | 412.9 | 412.7 | 412.5 | 412.3 | 412.0 |
| 135° | 443.2 | 443.5 | 443.5 | 443.5 | 443.5 | 443.5 | 443.3 | 443.0 | 442.8 | 442.5 | 442.2 |
| 137.5° | 471.9 | 472.2 | 472.4 | 472.6 | 472.8 | 473.0 | 472.7 | 472.3 | 472.0 | 471.7 | 471.6 |
| 140° | 491.7 | 491.9 | 491.9 | 491.9 | 491.9 | 491.9 | 491.7 | 491.6 | 491.5 | 491.4 | 491.3 |
| 142.5° | 510.3 | 510.3 | 510.2 | 510.1 | 510.0 | 509.9 | 509.9 | 509.9 | 509.9 | 509.8 | 509.8 |
| 145° | 536.8 | 537.1 | 537.2 | 537.3 | 537.4 | 537.5 | 537.4 | 537.3 | 537.2 | 537.1 | 536.9 |
| 147.5° | 562.6 | 562.8 | 562.7 | 562.6 | 562.5 | 562.4 | 562.3 | 562.2 | 562.1 | 562.0 | 561.9 |
| 150° | 577.7 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 |
| 152.5° | 591.5 | 591.7 | 591.8 | 591.9 | 592.0 | 592.1 | 592.4 | 592.7 | 593.0 | 593.2 | 593.2 |
| 155° | 612.8 | 612.7 | 612.7 | 612.6 | 612.5 | 612.3 | 612.7 | 613.2 | 613.7 | 614.3 | 614.3 |
| 157.5° | 630.9 | 630.7 | 630.7 | 630.7 | 630.7 | 630.7 | 631.0 | 631.4 | 631.8 | 632.2 | 632.1 |
| 160° | 642.4 | 642.3 | 642.2 | 642.2 | 642.0 | 641.9 | 642.2 | 642.6 | 642.9 | 643.3 | 643.2 |
| 162.5° | 652.1 | 651.8 | 651.7 | 651.6 | 651.5 | 651.3 | 652.0 | 652.6 | 653.3 | 653.9 | 653.9 |
| 165° | 665.7 | 665.4 | 665.2 | 665.0 | 664.7 | 664.5 | 665.2 | 665.9 | 666.6 | 667.3 | 667.4 |
| 167.5° | 675.8 | 675.5 | 675.5 | 675.6 | 675.6 | 675.6 | 676.4 | 677.0 | 677.8 | 678.5 | 678.4 |
| 170° | 681.4 | 681.2 | 681.3 | 681.4 | 681.6 | 681.6 | 682.4 | 683.1 | 683.8 | 684.5 | 684.5 |
| 172.5° | 686.1 | 685.9 | 685.9 | 685.9 | 685.9 | 686.0 | 686.7 | 687.6 | 688.4 | 689.2 | 689.2 |
| 175° | 691.6 | 691.3 | 691.2 | 691.1 | 690.9 | 690.8 | 691.6 | 692.5 | 693.3 | 694.1 | 694.1 |
| 177.5° | 694.0 | 693.8 | 693.8 | 693.8 | 693.8 | 693.8 | 694.5 | 695.1 | 695.8 | 696.4 | 696.4 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 |
| 2.5° | 1153.1 | 1152.4 | 1149.5 | 1149.1 | 1149.5 | 1152.4 | 1153.1 | 1154.0 | 1155.2 | 1159.1 | 1154.3 |
| 5° | 1065.3 | 1062.7 | 1061.2 | 1066.8 | 1061.2 | 1062.7 | 1065.3 | 1068.2 | 1073.3 | 1073.7 | 1078.7 |
| 7.5° | 998.9 | 996.9 | 992.5 | 991.2 | 992.5 | 996.9 | 998.9 | 1000.8 | 1005.8 | 1010.1 | 1017.5 |
| 10° | 956.4 | 954.4 | 950.5 | 949.4 | 950.5 | 954.4 | 956.4 | 961.5 | 966.5 | 971.9 | 977.0 |
| 12.5° | 915.5 | 911.5 | 910.7 | 911.7 | 910.7 | 911.5 | 915.5 | 922.2 | 935.2 | 935.1 | 936.1 |
| 15° | 861.2 | 859.2 | 853.7 | 855.2 | 853.7 | 859.2 | 861.2 | 867.7 | 873.7 | 881.3 | 888.7 |
| 17.5° | 807.7 | 805.2 | 798.5 | 804.5 | 798.5 | 805.2 | 807.7 | 811.2 | 818.9 | 829.5 | 840.8 |
| 20° | 774.0 | 770.0 | 766.5 | 765.9 | 766.5 | 770.0 | 774.0 | 777.5 | 786.0 | 795.0 | 803.5 |
| 22.5° | 741.9 | 738.3 | 738.0 | 734.7 | 738.0 | 738.3 | 741.9 | 747.4 | 755.9 | 760.9 | 769.0 |
| 25° | 701.8 | 698.3 | 697.3 | 694.7 | 697.3 | 698.3 | 701.8 | 705.8 | 711.3 | 715.3 | 724.3 |
| 27.5° | 671.0 | 669.3 | 667.5 | 668.3 | 667.5 | 669.3 | 671.0 | 671.6 | 674.0 | 679.3 | 684.6 |
| 30° | 652.1 | 651.7 | 650.6 | 650.6 | 650.6 | 651.7 | 652.1 | 650.6 | 653.2 | 655.6 | 659.7 |
| 32.5° | 636.5 | 636.4 | 637.1 | 637.1 | 637.1 | 636.4 | 636.5 | 634.2 | 635.1 | 636.0 | 638.0 |
| 35° | 614.5 | 616.0 | 617.1 | 615.6 | 617.1 | 616.0 | 614.5 | 612.6 | 611.1 | 607.6 | 608.6 |
| 37.5° | 594.7 | 596.3 | 597.7 | 599.4 | 597.7 | 596.3 | 594.7 | 590.6 | 587.0 | 583.9 | 580.3 |
| 40° | 579.5 | 583.0 | 584.0 | 586.5 | 584.0 | 583.0 | 579.5 | 575.0 | 571.0 | 567.4 | 563.5 |
| 42.5° | 565.1 | 568.9 | 571.6 | 572.0 | 571.6 | 568.9 | 565.1 | 560.5 | 554.5 | 550.2 | 544.6 |
| 45° | 542.9 | 546.9 | 550.4 | 550.4 | 550.4 | 546.9 | 542.9 | 535.4 | 528.9 | 522.4 | 516.8 |
| 47.5° | 519.9 | 525.8 | 529.2 | 530.2 | 529.2 | 525.8 | 519.9 | 512.2 | 503.1 | 495.0 | 487.1 |
| 50° | 504.3 | 511.3 | 514.8 | 517.4 | 514.8 | 511.3 | 504.3 | 495.8 | 486.3 | 476.2 | 466.7 |
| 52.5° | 489.1 | 496.1 | 500.8 | 502.1 | 500.8 | 496.1 | 489.1 | 478.5 | 467.0 | 456.2 | 447.8 |
| 55° | 462.7 | 472.7 | 478.2 | 480.2 | 478.2 | 472.7 | 462.7 | 451.2 | 440.2 | 426.6 | 414.5 |
| 57.5° | 437.8 | 447.0 | 453.5 | 455.0 | 453.5 | 447.0 | 437.8 | 424.2 | 410.0 | 395.6 | 382.8 |
| 60° | 418.6 | 428.6 | 436.6 | 438.1 | 436.6 | 428.6 | 418.6 | 405.0 | 390.0 | 376.0 | 360.0 |
| 62.5° | 398.9 | 409.3 | 416.6 | 420.5 | 416.6 | 409.3 | 398.9 | 384.6 | 368.3 | 352.7 | 336.7 |
| 65° | 365.0 | 375.4 | 382.5 | 384.0 | 382.5 | 375.4 | 365.0 | 350.9 | 333.8 | 317.4 | 303.8 |
| 67.5° | 327.8 | 338.4 | 343.0 | 345.9 | 343.0 | 338.4 | 327.8 | 314.6 | 297.7 | 280.6 | 265.2 |
| 70° | 301.8 | 310.3 | 315.3 | 317.8 | 315.3 | 310.3 | 301.8 | 287.8 | 273.7 | 256.2 | 239.6 |
| 72.5° | 272.1 | 281.0 | 286.8 | 287.3 | 286.8 | 281.0 | 272.1 | 260.0 | 245.2 | 228.8 | 214.3 |
| 75° | 226.6 | 234.6 | 237.6 | 237.6 | 237.6 | 234.6 | 226.6 | 215.1 | 203.0 | 190.0 | 175.4 |
| 77.5° | 179.4 | 183.5 | 187.3 | 188.0 | 187.3 | 183.5 | 179.4 | 171.1 | 161.1 | 148.1 | 137.1 |
| 80° | 148.9 | 151.4 | 154.4 | 154.4 | 154.4 | 151.4 | 148.9 | 141.4 | 131.9 | 120.8 | 112.3 |
| 82.5° | 117.6 | 119.7 | 122.7 | 122.3 | 122.7 | 119.7 | 117.6 | 111.7 | 103.8 | 96.3 | 88.6 |
| 85° | 71.2 | 75.7 | 75.2 | 74.2 | 75.2 | 75.7 | 71.2 | 72.2 | 64.7 | 59.7 | 52.6 |
| 87.5° | 35.2 | 35.6 | 36.9 | 37.7 | 36.9 | 35.6 | 35.2 | 33.9 | 30.2 | 28.1 | 26.3 |
| 90° | 15.5 | 15.6 | 15.9 | 16.1 | 15.9 | 15.6 | 15.5 | 15.2 | 14.7 | 13.9 | 13.3 |
| 92.5° | 23.5 | 23.6 | 23.8 | 23.8 | 23.8 | 23.6 | 23.5 | 23.3 | 23.0 | 22.6 | 22.1 |
| 95° | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.3 | 41.9 | 41.6 |
| 97.5° | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.4 | 65.9 | 65.5 |
| 100° | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.2 | 82.9 | 82.8 |
| 102.5° | 102.0 | 102.1 | 102.2 | 102.3 | 102.2 | 102.1 | 102.0 | 101.9 | 101.6 | 101.3 | 100.9 |
| 105° | 130.1 | 130.4 | 130.8 | 131.2 | 130.8 | 130.4 | 130.1 | 129.7 | 129.4 | 129.0 | 128.7 |
| 107.5° | 159.4 | 159.4 | 159.4 | 159.4 | 159.4 | 159.4 | 159.4 | 159.5 | 159.3 | 158.9 | 158.6 |
| 110° | 178.5 | 178.8 | 179.2 | 179.6 | 179.2 | 178.8 | 178.5 | 178.1 | 178.0 | 178.3 | 178.5 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.0 | 200.0 | 200.1 | 200.2 | 200.1 | 200.0 | 200.0 | 199.9 | 199.9 | 199.9 | 200.0 |
| 115° | 232.6 | 232.4 | 232.3 | 232.2 | 232.3 | 232.4 | 232.6 | 232.7 | 232.8 | 233.0 | 233.1 |
| 117.5° | 263.4 | 263.3 | 263.0 | 262.8 | 263.0 | 263.3 | 263.4 | 263.7 | 264.0 | 264.5 | 264.9 |
| 120° | 285.3 | 285.5 | 285.8 | 286.0 | 285.8 | 285.5 | 285.3 | 285.0 | 285.2 | 285.8 | 286.4 |
| 122.5° | 306.6 | 306.2 | 305.8 | 305.4 | 305.8 | 306.2 | 306.6 | 307.1 | 307.5 | 307.9 | 308.3 |
| 125° | 339.4 | 339.1 | 338.9 | 338.7 | 338.9 | 339.1 | 339.4 | 339.6 | 339.9 | 340.1 | 340.4 |
| 127.5° | 370.1 | 369.9 | 369.8 | 369.6 | 369.8 | 369.9 | 370.1 | 370.3 | 370.5 | 370.8 | 371.0 |
| 130° | 391.2 | 390.7 | 390.2 | 389.7 | 390.2 | 390.7 | 391.2 | 391.6 | 392.0 | 392.3 | 392.5 |
| 132.5° | 411.8 | 411.6 | 411.4 | 411.2 | 411.4 | 411.6 | 411.8 | 412.0 | 412.3 | 412.5 | 412.7 |
| 135° | 441.9 | 441.5 | 441.2 | 440.8 | 441.2 | 441.5 | 441.9 | 442.2 | 442.5 | 442.8 | 443.0 |
| 137.5° | 471.6 | 471.7 | 471.8 | 471.9 | 471.8 | 471.7 | 471.6 | 471.6 | 471.7 | 472.0 | 472.3 |
| 140° | 491.2 | 491.1 | 491.0 | 490.8 | 491.0 | 491.1 | 491.2 | 491.3 | 491.4 | 491.5 | 491.6 |
| 142.5° | 509.8 | 509.8 | 509.7 | 509.7 | 509.7 | 509.8 | 509.8 | 509.8 | 509.8 | 509.9 | 509.9 |
| 145° | 536.5 | 536.1 | 535.7 | 535.5 | 535.7 | 536.1 | 536.5 | 536.9 | 537.1 | 537.2 | 537.3 |
| 147.5° | 561.8 | 561.7 | 561.6 | 561.5 | 561.6 | 561.7 | 561.8 | 561.9 | 562.0 | 562.1 | 562.2 |
| 150° | 577.7 | 577.6 | 577.5 | 577.4 | 577.5 | 577.6 | 577.7 | 577.9 | 577.9 | 577.9 | 577.9 |
| 152.5° | 593.0 | 592.6 | 592.3 | 592.0 | 592.3 | 592.6 | 593.0 | 593.2 | 593.2 | 593.0 | 592.7 |
| 155° | 613.7 | 613.2 | 612.7 | 612.3 | 612.7 | 613.2 | 613.7 | 614.3 | 614.3 | 613.7 | 613.2 |
| 157.5° | 631.7 | 631.3 | 630.8 | 630.5 | 630.8 | 631.3 | 631.7 | 632.1 | 632.2 | 631.8 | 631.4 |
| 160° | 642.6 | 642.0 | 641.4 | 640.8 | 641.4 | 642.0 | 642.6 | 643.2 | 643.3 | 642.9 | 642.6 |
| 162.5° | 653.4 | 652.7 | 652.1 | 651.6 | 652.1 | 652.7 | 653.4 | 653.9 | 653.9 | 653.3 | 652.6 |
| 165° | 666.9 | 666.5 | 666.0 | 665.5 | 666.0 | 666.5 | 666.9 | 667.4 | 667.3 | 666.6 | 665.9 |
| 167.5° | 677.8 | 677.0 | 676.3 | 675.5 | 676.3 | 677.0 | 677.8 | 678.4 | 678.5 | 677.8 | 677.0 |
| 170° | 683.6 | 682.8 | 681.9 | 681.1 | 681.9 | 682.8 | 683.6 | 684.5 | 684.5 | 683.8 | 683.1 |
| 172.5° | 688.3 | 687.5 | 686.6 | 685.9 | 686.6 | 687.5 | 688.3 | 689.2 | 689.2 | 688.4 | 687.6 |
| 175° | 693.3 | 692.5 | 691.6 | 690.8 | 691.6 | 692.5 | 693.3 | 694.1 | 694.1 | 693.3 | 692.5 |
| 177.5° | 695.7 | 694.9 | 694.1 | 693.3 | 694.1 | 694.9 | 695.7 | 696.4 | 696.4 | 695.8 | 695.1 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 |
| 2.5° | 1156.8 | 1158.4 | 1164.8 | 1170.8 | 1178.0 | 1183.3 | 1186.8 | 1190.8 | 1199.3 | 1206.1 | 1212.5 |
| 5° | 1083.7 | 1086.3 | 1099.3 | 1108.3 | 1123.9 | 1137.4 | 1147.9 | 1159.4 | 1173.0 | 1191.6 | 1208.6 |
| 7.5° | 1019.5 | 1028.8 | 1043.0 | 1057.7 | 1073.6 | 1091.3 | 1106.7 | 1124.1 | 1147.5 | 1172.9 | 1199.2 |
| 10° | 983.0 | 993.5 | 1008.6 | 1025.6 | 1040.7 | 1061.2 | 1080.2 | 1100.8 | 1127.4 | 1158.5 | 1189.6 |
| 12.5° | 946.5 | 963.8 | 975.2 | 995.5 | 1011.8 | 1028.7 | 1049.0 | 1075.9 | 1106.9 | 1139.6 | 1177.1 |
| 15° | 900.8 | 910.3 | 932.4 | 943.4 | 966.5 | 992.5 | 1012.6 | 1039.6 | 1069.7 | 1112.9 | 1155.0 |
| 17.5° | 848.1 | 860.6 | 878.2 | 899.2 | 925.7 | 946.0 | 971.0 | 998.8 | 1036.7 | 1079.6 | 1132.3 |
| 20° | 813.6 | 824.1 | 845.6 | 868.7 | 896.8 | 918.3 | 944.9 | 971.9 | 1011.1 | 1056.7 | 1111.8 |
| 22.5° | 782.7 | 792.9 | 815.6 | 837.1 | 864.3 | 890.7 | 918.4 | 949.9 | 987.4 | 1035.5 | 1091.7 |
| 25° | 734.9 | 748.4 | 768.5 | 790.5 | 816.6 | 846.7 | 876.8 | 904.8 | 944.9 | 995.5 | 1055.7 |
| 27.5° | 692.5 | 703.3 | 717.8 | 742.9 | 772.5 | 801.5 | 831.4 | 866.7 | 905.2 | 958.8 | 1021.2 |
| 30° | 665.2 | 675.2 | 689.8 | 712.8 | 740.4 | 771.5 | 802.6 | 836.6 | 876.8 | 929.9 | 993.5 |
| 32.5° | 643.6 | 651.2 | 664.1 | 684.8 | 709.9 | 742.6 | 773.3 | 808.6 | 850.6 | 903.1 | 965.1 |
| 35° | 611.5 | 618.1 | 623.1 | 642.6 | 665.2 | 695.3 | 726.3 | 763.9 | 804.6 | 854.2 | 916.3 |
| 37.5° | 580.1 | 582.4 | 589.7 | 602.6 | 624.4 | 652.1 | 680.9 | 717.9 | 759.5 | 809.9 | 866.0 |
| 40° | 560.9 | 561.9 | 566.5 | 578.4 | 597.6 | 623.6 | 651.7 | 688.2 | 727.8 | 775.5 | 831.1 |
| 42.5° | 542.1 | 541.5 | 545.6 | 554.0 | 571.8 | 595.5 | 623.2 | 656.6 | 696.2 | 740.2 | 792.6 |
| 45° | 512.3 | 512.3 | 511.3 | 518.3 | 532.8 | 555.9 | 579.0 | 611.1 | 644.1 | 687.3 | 731.4 |
| 47.5° | 481.3 | 478.4 | 479.3 | 483.0 | 495.1 | 514.2 | 537.3 | 563.6 | 592.9 | 629.3 | 668.0 |
| 50° | 461.2 | 457.1 | 455.6 | 459.7 | 470.7 | 487.2 | 509.3 | 532.3 | 560.0 | 592.0 | 625.1 |
| 52.5° | 439.1 | 435.1 | 432.4 | 435.2 | 445.4 | 460.8 | 480.8 | 501.1 | 525.8 | 552.0 | 580.6 |
| 55° | 405.0 | 400.5 | 399.0 | 400.0 | 407.6 | 419.5 | 436.6 | 455.2 | 473.7 | 495.3 | 515.3 |
| 57.5° | 371.5 | 364.0 | 362.6 | 362.1 | 367.3 | 378.3 | 392.6 | 408.7 | 422.2 | 435.2 | 456.6 |
| 60° | 349.4 | 340.4 | 337.3 | 336.9 | 340.9 | 349.9 | 363.0 | 379.0 | 388.5 | 397.5 | 416.0 |
| 62.5° | 325.7 | 317.1 | 310.5 | 311.2 | 314.8 | 323.4 | 334.9 | 346.5 | 352.8 | 362.6 | 375.1 |
| 65° | 289.3 | 278.2 | 273.2 | 271.7 | 273.7 | 280.7 | 289.7 | 297.3 | 304.3 | 308.3 | 320.3 |
| 67.5° | 252.8 | 243.6 | 236.1 | 234.3 | 233.4 | 238.2 | 245.6 | 250.2 | 255.1 | 258.6 | 265.8 |
| 70° | 227.1 | 219.0 | 210.0 | 207.0 | 206.5 | 210.6 | 217.5 | 218.0 | 225.1 | 226.6 | 234.1 |
| 72.5° | 201.8 | 191.8 | 185.6 | 182.6 | 180.5 | 184.1 | 188.7 | 190.0 | 193.8 | 196.5 | 200.4 |
| 75° | 162.4 | 154.9 | 148.9 | 144.4 | 142.9 | 144.9 | 144.9 | 147.4 | 149.9 | 151.4 | 155.9 |
| 77.5° | 127.8 | 119.2 | 112.1 | 109.5 | 107.6 | 106.4 | 107.4 | 109.0 | 107.7 | 110.4 | 111.4 |
| 80° | 103.8 | 94.7 | 89.3 | 88.2 | 85.2 | 82.8 | 82.2 | 83.7 | 81.7 | 82.8 | 85.7 |
| 82.5° | 80.1 | 74.3 | 68.3 | 67.4 | 63.5 | 62.3 | 61.7 | 60.9 | 60.9 | 60.7 | 61.3 |
| 85° | 47.6 | 44.1 | 40.1 | 37.6 | 36.1 | 33.6 | 33.6 | 32.6 | 31.6 | 30.5 | 31.1 |
| 87.5° | 21.8 | 20.8 | 18.7 | 17.2 | 16.2 | 14.4 | 14.2 | 12.7 | 12.1 | 11.4 | 10.7 |
| 90° | 12.5 | 11.8 | 10.8 | 9.9 | 9.0 | 8.0 | 6.9 | 5.6 | 4.2 | 2.9 | 1.6 |
| 92.5° | 21.7 | 21.3 | 20.6 | 20.0 | 19.3 | 18.6 | 17.5 | 16.0 | 14.5 | 13.0 | 11.5 |
| 95° | 41.2 | 40.8 | 40.1 | 39.2 | 38.4 | 37.5 | 36.6 | 35.4 | 34.4 | 33.4 | 32.2 |
| 97.5° | 65.0 | 64.7 | 63.6 | 62.7 | 61.6 | 60.7 | 59.8 | 58.9 | 58.1 | 57.2 | 56.4 |
| 100° | 82.5 | 82.3 | 81.2 | 80.1 | 79.0 | 77.9 | 77.2 | 76.7 | 76.3 | 75.8 | 75.2 |
| 102.5° | 100.7 | 100.3 | 99.3 | 98.3 | 97.4 | 96.4 | 95.8 | 95.6 | 95.4 | 95.2 | 95.0 |
| 105° | 128.3 | 127.9 | 127.4 | 127.0 | 126.5 | 126.0 | 125.7 | 125.6 | 125.5 | 125.4 | 125.3 |
| 107.5° | 158.3 | 158.0 | 157.9 | 157.8 | 157.7 | 157.7 | 157.6 | 157.4 | 157.2 | 157.1 | 156.9 |
| 110° | 178.8 | 179.0 | 179.2 | 179.3 | 179.4 | 179.5 | 179.5 | 179.2 | 179.0 | 178.7 | 178.5 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.0 | 200.1 | 200.3 | 200.5 | 200.8 | 201.0 | 201.0 | 201.0 | 201.0 | 200.9 | 200.9 |
| 115° | 233.2 | 233.3 | 233.6 | 233.8 | 234.0 | 234.2 | 234.4 | 234.4 | 234.4 | 234.4 | 234.4 |
| 117.5° | 265.2 | 265.7 | 265.8 | 266.0 | 266.2 | 266.4 | 266.4 | 266.3 | 266.2 | 266.1 | 266.0 |
| 120° | 287.0 | 287.6 | 287.9 | 288.3 | 288.7 | 289.1 | 289.0 | 288.5 | 288.0 | 287.6 | 287.1 |
| 122.5° | 308.7 | 309.2 | 309.2 | 309.4 | 309.6 | 309.8 | 309.7 | 309.5 | 309.3 | 309.2 | 309.0 |
| 125° | 340.5 | 340.8 | 340.9 | 341.1 | 341.2 | 341.3 | 341.4 | 341.4 | 341.4 | 341.4 | 341.4 |
| 127.5° | 371.3 | 371.5 | 371.6 | 371.8 | 372.0 | 372.2 | 372.1 | 371.8 | 371.5 | 371.1 | 370.7 |
| 130° | 392.8 | 392.9 | 392.9 | 392.9 | 392.9 | 392.9 | 392.8 | 392.5 | 392.1 | 391.7 | 391.3 |
| 132.5° | 412.9 | 413.2 | 413.3 | 413.4 | 413.5 | 413.6 | 413.5 | 413.2 | 412.9 | 412.7 | 412.5 |
| 135° | 443.3 | 443.5 | 443.5 | 443.5 | 443.5 | 443.5 | 443.2 | 442.4 | 441.7 | 441.0 | 440.3 |
| 137.5° | 472.7 | 473.0 | 472.8 | 472.6 | 472.4 | 472.2 | 471.9 | 471.6 | 471.3 | 470.9 | 470.6 |
| 140° | 491.7 | 491.9 | 491.9 | 491.9 | 491.9 | 491.9 | 491.7 | 491.5 | 491.3 | 491.1 | 490.8 |
| 142.5° | 509.9 | 509.9 | 510.0 | 510.1 | 510.2 | 510.3 | 510.3 | 510.0 | 509.8 | 509.5 | 509.3 |
| 145° | 537.4 | 537.5 | 537.4 | 537.3 | 537.2 | 537.1 | 536.8 | 536.3 | 535.8 | 535.4 | 534.9 |
| 147.5° | 562.3 | 562.4 | 562.5 | 562.6 | 562.7 | 562.8 | 562.6 | 561.9 | 561.4 | 560.8 | 560.2 |
| 150° | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.7 | 577.2 | 576.7 | 576.3 | 575.7 |
| 152.5° | 592.4 | 592.1 | 592.0 | 591.9 | 591.8 | 591.7 | 591.5 | 591.3 | 591.0 | 590.7 | 590.4 |
| 155° | 612.7 | 612.3 | 612.5 | 612.6 | 612.7 | 612.7 | 612.8 | 612.8 | 612.8 | 612.8 | 612.8 |
| 157.5° | 631.0 | 630.7 | 630.7 | 630.7 | 630.7 | 630.7 | 630.9 | 631.1 | 631.3 | 631.5 | 631.8 |
| 160° | 642.2 | 641.9 | 642.0 | 642.2 | 642.2 | 642.3 | 642.4 | 642.6 | 642.7 | 642.8 | 642.9 |
| 162.5° | 652.0 | 651.3 | 651.5 | 651.6 | 651.7 | 651.8 | 652.1 | 652.3 | 652.6 | 653.0 | 653.3 |
| 165° | 665.2 | 664.5 | 664.7 | 665.0 | 665.2 | 665.4 | 665.7 | 666.1 | 666.4 | 666.8 | 667.1 |
| 167.5° | 676.4 | 675.6 | 675.6 | 675.6 | 675.5 | 675.5 | 675.8 | 676.3 | 676.7 | 677.3 | 677.8 |
| 170° | 682.4 | 681.6 | 681.6 | 681.4 | 681.3 | 681.2 | 681.4 | 682.0 | 682.6 | 683.2 | 683.8 |
| 172.5° | 686.7 | 686.0 | 685.9 | 685.9 | 685.9 | 685.9 | 686.1 | 686.6 | 687.1 | 687.6 | 688.1 |
| 175° | 691.6 | 690.8 | 690.9 | 691.1 | 691.2 | 691.3 | 691.6 | 692.2 | 692.9 | 693.4 | 694.0 |
| 177.5° | 694.5 | 693.8 | 693.8 | 693.8 | 693.8 | 693.8 | 694.0 | 694.6 | 695.0 | 695.5 | 696.0 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 |
| 2.5° | 1218.1 | 1222.1 | 1227.4 | 1236.1 | 1239.3 | 1243.4 | 1249.0 | 1248.6 | 1250.2 | 1256.2 | 1269.0 |
| 5° | 1222.7 | 1238.1 | 1253.2 | 1271.2 | 1290.3 | 1302.8 | 1319.8 | 1330.4 | 1341.0 | 1354.4 | 1377.5 |
| 7.5° | 1224.5 | 1249.1 | 1276.7 | 1308.3 | 1336.5 | 1369.0 | 1394.4 | 1418.2 | 1439.7 | 1468.4 | 1495.8 |
| 10° | 1221.6 | 1254.7 | 1290.3 | 1330.4 | 1373.0 | 1409.1 | 1441.7 | 1478.8 | 1510.3 | 1544.9 | 1576.0 |
| 12.5° | 1216.4 | 1256.3 | 1303.9 | 1348.9 | 1398.6 | 1452.0 | 1492.6 | 1530.1 | 1572.2 | 1611.9 | 1659.8 |
| 15° | 1204.6 | 1259.2 | 1314.8 | 1374.0 | 1440.7 | 1502.3 | 1560.9 | 1609.6 | 1654.7 | 1714.4 | 1777.1 |
| 17.5° | 1189.6 | 1248.5 | 1318.7 | 1390.3 | 1459.9 | 1530.4 | 1603.0 | 1676.1 | 1733.1 | 1807.1 | 1856.1 |
| 20° | 1175.5 | 1243.7 | 1315.9 | 1401.1 | 1470.7 | 1558.5 | 1630.7 | 1701.4 | 1779.5 | 1853.2 | 1911.9 |
| 22.5° | 1155.8 | 1230.5 | 1307.0 | 1391.9 | 1483.6 | 1571.3 | 1654.7 | 1731.5 | 1809.6 | 1889.7 | 1960.8 |
| 25° | 1130.9 | 1198.5 | 1289.3 | 1385.5 | 1476.8 | 1572.0 | 1667.7 | 1764.0 | 1848.2 | 1933.0 | 1999.1 |
| 27.5° | 1088.4 | 1173.8 | 1258.3 | 1357.6 | 1459.1 | 1566.8 | 1669.1 | 1769.9 | 1858.1 | 1927.8 | 1968.8 |
| 30° | 1066.8 | 1140.9 | 1232.7 | 1332.4 | 1442.2 | 1558.0 | 1664.7 | 1763.5 | 1845.7 | 1901.4 | 1917.9 |
| 32.5° | 1034.6 | 1111.3 | 1201.0 | 1304.3 | 1420.5 | 1539.5 | 1650.7 | 1743.9 | 1812.4 | 1841.6 | 1821.7 |
| 35° | 987.0 | 1056.2 | 1146.9 | 1252.7 | 1373.5 | 1500.3 | 1610.1 | 1688.8 | 1723.9 | 1696.3 | 1627.7 |
| 37.5° | 929.9 | 998.4 | 1089.6 | 1193.4 | 1318.4 | 1447.4 | 1546.6 | 1603.3 | 1591.7 | 1523.1 | 1420.7 |
| 40° | 889.8 | 953.9 | 1040.7 | 1152.9 | 1274.8 | 1404.1 | 1491.3 | 1521.9 | 1489.8 | 1391.6 | 1282.8 |
| 42.5° | 845.3 | 907.9 | 994.9 | 1103.2 | 1232.3 | 1351.5 | 1427.6 | 1430.0 | 1376.3 | 1258.9 | 1149.6 |
| 45° | 777.5 | 837.2 | 919.4 | 1032.2 | 1151.4 | 1263.8 | 1313.8 | 1289.3 | 1190.1 | 1076.8 | 967.0 |
| 47.5° | 710.6 | 762.3 | 843.4 | 950.5 | 1063.8 | 1158.3 | 1183.1 | 1138.9 | 1033.1 | 923.1 | 821.4 |
| 50° | 661.7 | 713.8 | 790.0 | 892.3 | 1001.5 | 1083.3 | 1095.3 | 1036.6 | 932.9 | 822.1 | 742.4 |
| 52.5° | 614.7 | 666.5 | 739.9 | 834.5 | 934.6 | 1008.2 | 1008.7 | 940.8 | 837.4 | 738.7 | 664.6 |
| 55° | 545.9 | 592.5 | 658.6 | 743.4 | 832.6 | 890.2 | 876.3 | 806.1 | 716.3 | 630.7 | 565.9 |
| 57.5° | 479.6 | 520.1 | 581.1 | 651.8 | 730.4 | 777.9 | 754.6 | 687.0 | 606.9 | 534.2 | 485.2 |
| 60° | 436.6 | 475.2 | 527.4 | 594.0 | 660.2 | 697.3 | 675.2 | 614.1 | 540.4 | 481.7 | 439.1 |
| 62.5° | 394.9 | 427.5 | 477.6 | 535.5 | 596.8 | 624.3 | 604.6 | 544.3 | 480.6 | 427.6 | 393.0 |
| 65° | 335.8 | 362.4 | 402.6 | 452.1 | 496.8 | 520.3 | 503.8 | 447.6 | 399.0 | 360.9 | 333.4 |
| 67.5° | 280.7 | 301.4 | 331.9 | 371.6 | 409.5 | 422.3 | 407.3 | 368.2 | 327.0 | 296.4 | 277.0 |
| 70° | 242.6 | 262.2 | 287.8 | 318.3 | 351.4 | 365.0 | 349.9 | 318.8 | 285.2 | 257.1 | 238.1 |
| 72.5° | 209.3 | 224.5 | 246.0 | 272.2 | 298.0 | 311.6 | 301.3 | 271.5 | 243.1 | 222.3 | 206.0 |
| 75° | 159.4 | 172.5 | 187.5 | 206.0 | 226.1 | 235.1 | 226.1 | 205.6 | 186.0 | 170.4 | 158.9 |
| 77.5° | 115.9 | 122.9 | 134.5 | 148.4 | 160.9 | 167.9 | 160.0 | 146.1 | 134.1 | 123.5 | 117.8 |
| 80° | 88.2 | 93.2 | 101.2 | 112.3 | 120.8 | 127.3 | 122.3 | 110.7 | 101.2 | 94.3 | 91.7 |
| 82.5° | 64.2 | 67.6 | 72.8 | 81.0 | 86.7 | 90.0 | 87.8 | 79.5 | 75.6 | 69.4 | 66.8 |
| 85° | 31.6 | 33.6 | 37.1 | 39.6 | 44.6 | 45.1 | 45.6 | 42.1 | 38.6 | 37.1 | 35.1 |
| 87.5° | 11.4 | 12.1 | 13.6 | 15.0 | 16.9 | 17.4 | 17.2 | 17.4 | 16.0 | 15.7 | 14.3 |
| 90° | 2.9 | 4.2 | 5.6 | 6.9 | 8.0 | 9.0 | 9.9 | 10.8 | 11.8 | 12.5 | 13.3 |
| 92.5° | 13.0 | 14.5 | 16.0 | 17.5 | 18.6 | 19.3 | 20.0 | 20.6 | 21.3 | 21.7 | 22.1 |
| 95° | 33.4 | 34.4 | 35.4 | 36.6 | 37.5 | 38.4 | 39.2 | 40.1 | 40.8 | 41.2 | 41.6 |
| 97.5° | 57.2 | 58.1 | 58.9 | 59.8 | 60.7 | 61.6 | 62.7 | 63.6 | 64.7 | 65.0 | 65.5 |
| 100° | 75.8 | 76.3 | 76.7 | 77.2 | 77.9 | 79.0 | 80.1 | 81.2 | 82.3 | 82.5 | 82.8 |
| 102.5° | 95.2 | 95.4 | 95.6 | 95.8 | 96.4 | 97.4 | 98.3 | 99.3 | 100.3 | 100.7 | 100.9 |
| 105° | 125.4 | 125.5 | 125.6 | 125.7 | 126.0 | 126.5 | 127.0 | 127.4 | 127.9 | 128.3 | 128.7 |
| 107.5° | 157.1 | 157.2 | 157.4 | 157.6 | 157.7 | 157.7 | 157.8 | 157.9 | 158.0 | 158.3 | 158.6 |
| 110° | 178.7 | 179.0 | 179.2 | 179.5 | 179.5 | 179.4 | 179.3 | 179.2 | 179.0 | 178.8 | 178.5 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.9 | 201.0 | 201.0 | 201.0 | 201.0 | 200.8 | 200.5 | 200.3 | 200.1 | 200.0 | 200.0 |
| 115° | 234.4 | 234.4 | 234.4 | 234.4 | 234.2 | 234.0 | 233.8 | 233.6 | 233.3 | 233.2 | 233.1 |
| 117.5° | 266.1 | 266.2 | 266.3 | 266.4 | 266.4 | 266.2 | 266.0 | 265.8 | 265.7 | 265.2 | 264.9 |
| 120° | 287.6 | 288.0 | 288.5 | 289.0 | 289.1 | 288.7 | 288.3 | 287.9 | 287.6 | 287.0 | 286.4 |
| 122.5° | 309.2 | 309.3 | 309.5 | 309.7 | 309.8 | 309.6 | 309.4 | 309.2 | 309.2 | 308.7 | 308.3 |
| 125° | 341.4 | 341.4 | 341.4 | 341.4 | 341.3 | 341.2 | 341.1 | 340.9 | 340.8 | 340.5 | 340.4 |
| 127.5° | 371.1 | 371.5 | 371.8 | 372.1 | 372.2 | 372.0 | 371.8 | 371.6 | 371.5 | 371.3 | 371.0 |
| 130° | 391.7 | 392.1 | 392.5 | 392.8 | 392.9 | 392.9 | 392.9 | 392.9 | 392.9 | 392.8 | 392.5 |
| 132.5° | 412.7 | 412.9 | 413.2 | 413.5 | 413.6 | 413.5 | 413.4 | 413.3 | 413.2 | 412.9 | 412.7 |
| 135° | 441.0 | 441.7 | 442.4 | 443.2 | 443.5 | 443.5 | 443.5 | 443.5 | 443.5 | 443.3 | 443.0 |
| 137.5° | 470.9 | 471.3 | 471.6 | 471.9 | 472.2 | 472.4 | 472.6 | 472.8 | 473.0 | 472.7 | 472.3 |
| 140° | 491.1 | 491.3 | 491.5 | 491.7 | 491.9 | 491.9 | 491.9 | 491.9 | 491.9 | 491.7 | 491.6 |
| 142.5° | 509.5 | 509.8 | 510.0 | 510.3 | 510.3 | 510.2 | 510.1 | 510.0 | 509.9 | 509.9 | 509.9 |
| 145° | 535.4 | 535.8 | 536.3 | 536.8 | 537.1 | 537.2 | 537.3 | 537.4 | 537.5 | 537.4 | 537.3 |
| 147.5° | 560.8 | 561.4 | 561.9 | 562.6 | 562.8 | 562.7 | 562.6 | 562.5 | 562.4 | 562.3 | 562.2 |
| 150° | 576.3 | 576.7 | 577.2 | 577.7 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 |
| 152.5° | 590.7 | 591.0 | 591.3 | 591.5 | 591.7 | 591.8 | 591.9 | 592.0 | 592.1 | 592.4 | 592.7 |
| 155° | 612.8 | 612.8 | 612.8 | 612.8 | 612.7 | 612.7 | 612.6 | 612.5 | 612.3 | 612.7 | 613.2 |
| 157.5° | 631.5 | 631.3 | 631.1 | 630.9 | 630.7 | 630.7 | 630.7 | 630.7 | 630.7 | 631.0 | 631.4 |
| 160° | 642.8 | 642.7 | 642.6 | 642.4 | 642.3 | 642.2 | 642.2 | 642.0 | 641.9 | 642.2 | 642.6 |
| 162.5° | 653.0 | 652.6 | 652.3 | 652.1 | 651.8 | 651.7 | 651.6 | 651.5 | 651.3 | 652.0 | 652.6 |
| 165° | 666.8 | 666.4 | 666.1 | 665.7 | 665.4 | 665.2 | 665.0 | 664.7 | 664.5 | 665.2 | 665.9 |
| 167.5° | 677.3 | 676.7 | 676.3 | 675.8 | 675.5 | 675.5 | 675.6 | 675.6 | 675.6 | 676.4 | 677.0 |
| 170° | 683.2 | 682.6 | 682.0 | 681.4 | 681.2 | 681.3 | 681.4 | 681.6 | 681.6 | 682.4 | 683.1 |
| 172.5° | 687.6 | 687.1 | 686.6 | 686.1 | 685.9 | 685.9 | 685.9 | 685.9 | 686.0 | 686.7 | 687.6 |
| 175° | 693.4 | 692.9 | 692.2 | 691.6 | 691.3 | 691.2 | 691.1 | 690.9 | 690.8 | 691.6 | 692.5 |
| 177.5° | 695.5 | 695.0 | 694.6 | 694.0 | 693.8 | 693.8 | 693.8 | 693.8 | 693.8 | 694.5 | 695.1 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |



TEST NUMBER: P332590-830
 CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 | 1210.1 |
| 2.5° | 1275.4 | 1276.3 | 1279.9 | 1282.7 | 1283.5 | 1287.5 | 1287.9 |
| 5° | 1387.5 | 1396.1 | 1412.6 | 1414.1 | 1416.6 | 1429.6 | 1419.7 |
| 7.5° | 1518.9 | 1540.5 | 1555.0 | 1567.7 | 1572.3 | 1578.0 | 1576.9 |
| 10° | 1603.1 | 1635.2 | 1651.2 | 1676.8 | 1677.8 | 1684.3 | 1680.3 |
| 12.5° | 1687.7 | 1725.0 | 1754.3 | 1759.0 | 1780.5 | 1783.8 | 1789.4 |
| 15° | 1807.6 | 1847.2 | 1887.8 | 1902.3 | 1931.9 | 1939.0 | 1950.0 |
| 17.5° | 1920.3 | 1960.8 | 1989.2 | 2026.8 | 2039.0 | 2055.2 | 2044.2 |
| 20° | 1982.1 | 2026.2 | 2062.3 | 2091.9 | 2104.4 | 2113.4 | 2112.4 |
| 22.5° | 2019.4 | 2063.9 | 2093.1 | 2115.5 | 2127.2 | 2131.1 | 2130.8 |
| 25° | 2042.7 | 2068.3 | 2077.3 | 2085.8 | 2072.8 | 2068.3 | 2070.3 |
| 27.5° | 1977.7 | 1971.1 | 1947.6 | 1916.7 | 1884.6 | 1859.2 | 1845.3 |
| 30° | 1888.3 | 1849.3 | 1813.6 | 1751.4 | 1719.4 | 1700.3 | 1683.3 |
| 32.5° | 1761.6 | 1699.7 | 1631.2 | 1574.2 | 1537.8 | 1509.5 | 1505.2 |
| 35° | 1544.5 | 1451.2 | 1367.5 | 1297.8 | 1261.7 | 1231.1 | 1224.1 |
| 37.5° | 1313.1 | 1216.2 | 1140.9 | 1079.5 | 1040.7 | 1019.1 | 998.9 |
| 40° | 1159.4 | 1076.3 | 1002.0 | 949.9 | 920.4 | 904.8 | 892.3 |
| 42.5° | 1041.1 | 965.2 | 891.4 | 851.7 | 824.9 | 815.4 | 808.0 |
| 45° | 877.7 | 807.1 | 755.9 | 725.9 | 710.3 | 694.3 | 686.7 |
| 47.5° | 746.9 | 689.4 | 655.6 | 630.1 | 613.5 | 604.0 | 599.2 |
| 50° | 672.7 | 625.6 | 595.5 | 576.0 | 560.9 | 553.4 | 549.4 |
| 52.5° | 606.9 | 568.3 | 543.0 | 527.4 | 517.3 | 511.7 | 510.1 |
| 55° | 522.8 | 493.2 | 477.2 | 463.7 | 456.2 | 451.2 | 449.1 |
| 57.5° | 454.5 | 431.7 | 418.7 | 407.6 | 404.6 | 400.4 | 399.0 |
| 60° | 409.5 | 392.0 | 381.0 | 373.4 | 371.0 | 365.9 | 366.9 |
| 62.5° | 369.9 | 355.5 | 346.1 | 341.8 | 338.5 | 334.2 | 335.6 |
| 65° | 312.8 | 302.3 | 297.3 | 293.2 | 289.3 | 286.7 | 288.7 |
| 67.5° | 262.5 | 255.2 | 248.5 | 246.1 | 244.1 | 243.7 | 241.6 |
| 70° | 229.6 | 223.6 | 217.5 | 216.0 | 216.0 | 214.1 | 213.6 |
| 72.5° | 197.9 | 193.5 | 189.5 | 188.4 | 186.8 | 187.6 | 185.5 |
| 75° | 152.9 | 149.4 | 147.9 | 146.4 | 145.9 | 145.9 | 144.4 |
| 77.5° | 113.0 | 110.4 | 108.0 | 108.0 | 106.1 | 105.5 | 105.3 |
| 80° | 85.7 | 84.7 | 82.8 | 82.8 | 81.7 | 82.2 | 81.2 |
| 82.5° | 64.5 | 63.1 | 62.7 | 61.8 | 60.4 | 60.5 | 59.6 |
| 85° | 34.6 | 33.1 | 32.6 | 31.1 | 30.1 | 31.1 | 30.1 |
| 87.5° | 14.8 | 14.6 | 14.2 | 13.5 | 13.2 | 13.2 | 12.1 |
| 90° | 13.9 | 14.7 | 15.2 | 15.5 | 15.6 | 15.9 | 16.1 |
| 92.5° | 22.6 | 23.0 | 23.3 | 23.5 | 23.6 | 23.8 | 23.8 |
| 95° | 41.9 | 42.3 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 |
| 97.5° | 65.9 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| 100° | 82.9 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| 102.5° | 101.3 | 101.6 | 101.9 | 102.0 | 102.1 | 102.2 | 102.3 |
| 105° | 129.0 | 129.4 | 129.7 | 130.1 | 130.4 | 130.8 | 131.2 |
| 107.5° | 158.9 | 159.3 | 159.5 | 159.4 | 159.4 | 159.4 | 159.4 |
| 110° | 178.3 | 178.0 | 178.1 | 178.5 | 178.8 | 179.2 | 179.6 |



TEST NUMBER: P332590-830

CATALOG NUMBER: SA4XXDIP-C795D590U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 199.9 | 199.9 | 199.9 | 200.0 | 200.0 | 200.1 | 200.2 |
| 115° | 233.0 | 232.8 | 232.7 | 232.6 | 232.4 | 232.3 | 232.2 |
| 117.5° | 264.5 | 264.0 | 263.7 | 263.4 | 263.3 | 263.0 | 262.8 |
| 120° | 285.8 | 285.2 | 285.0 | 285.3 | 285.5 | 285.8 | 286.0 |
| 122.5° | 307.9 | 307.5 | 307.1 | 306.6 | 306.2 | 305.8 | 305.4 |
| 125° | 340.1 | 339.9 | 339.6 | 339.4 | 339.1 | 338.9 | 338.7 |
| 127.5° | 370.8 | 370.5 | 370.3 | 370.1 | 369.9 | 369.8 | 369.6 |
| 130° | 392.3 | 392.0 | 391.6 | 391.2 | 390.7 | 390.2 | 389.7 |
| 132.5° | 412.5 | 412.3 | 412.0 | 411.8 | 411.6 | 411.4 | 411.2 |
| 135° | 442.8 | 442.5 | 442.2 | 441.9 | 441.5 | 441.2 | 440.8 |
| 137.5° | 472.0 | 471.7 | 471.6 | 471.6 | 471.7 | 471.8 | 471.9 |
| 140° | 491.5 | 491.4 | 491.3 | 491.2 | 491.1 | 491.0 | 490.8 |
| 142.5° | 509.9 | 509.8 | 509.8 | 509.8 | 509.8 | 509.7 | 509.7 |
| 145° | 537.2 | 537.1 | 536.9 | 536.5 | 536.1 | 535.7 | 535.5 |
| 147.5° | 562.1 | 562.0 | 561.9 | 561.8 | 561.7 | 561.6 | 561.5 |
| 150° | 577.9 | 577.9 | 577.9 | 577.7 | 577.6 | 577.5 | 577.4 |
| 152.5° | 593.0 | 593.2 | 593.2 | 593.0 | 592.6 | 592.3 | 592.0 |
| 155° | 613.7 | 614.3 | 614.3 | 613.7 | 613.2 | 612.7 | 612.3 |
| 157.5° | 631.8 | 632.2 | 632.1 | 631.7 | 631.3 | 630.8 | 630.5 |
| 160° | 642.9 | 643.3 | 643.2 | 642.6 | 642.0 | 641.4 | 640.8 |
| 162.5° | 653.3 | 653.9 | 653.9 | 653.4 | 652.7 | 652.1 | 651.6 |
| 165° | 666.6 | 667.3 | 667.4 | 666.9 | 666.5 | 666.0 | 665.5 |
| 167.5° | 677.8 | 678.5 | 678.4 | 677.8 | 677.0 | 676.3 | 675.5 |
| 170° | 683.8 | 684.5 | 684.5 | 683.6 | 682.8 | 681.9 | 681.1 |
| 172.5° | 688.4 | 689.2 | 689.2 | 688.3 | 687.5 | 686.6 | 685.9 |
| 175° | 693.3 | 694.1 | 694.1 | 693.3 | 692.5 | 691.6 | 690.8 |
| 177.5° | 695.8 | 696.4 | 696.4 | 695.7 | 694.9 | 694.1 | 693.3 |
| 180° | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 | 695.1 |

(END OF REPORT)