

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: P332600

Luminaire Tested: **SA4XXDIP-C795D810U835-4F0-1E-UDD-A4**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P332600
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-18,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4
Description: DEFINE 4 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 795 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 810 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

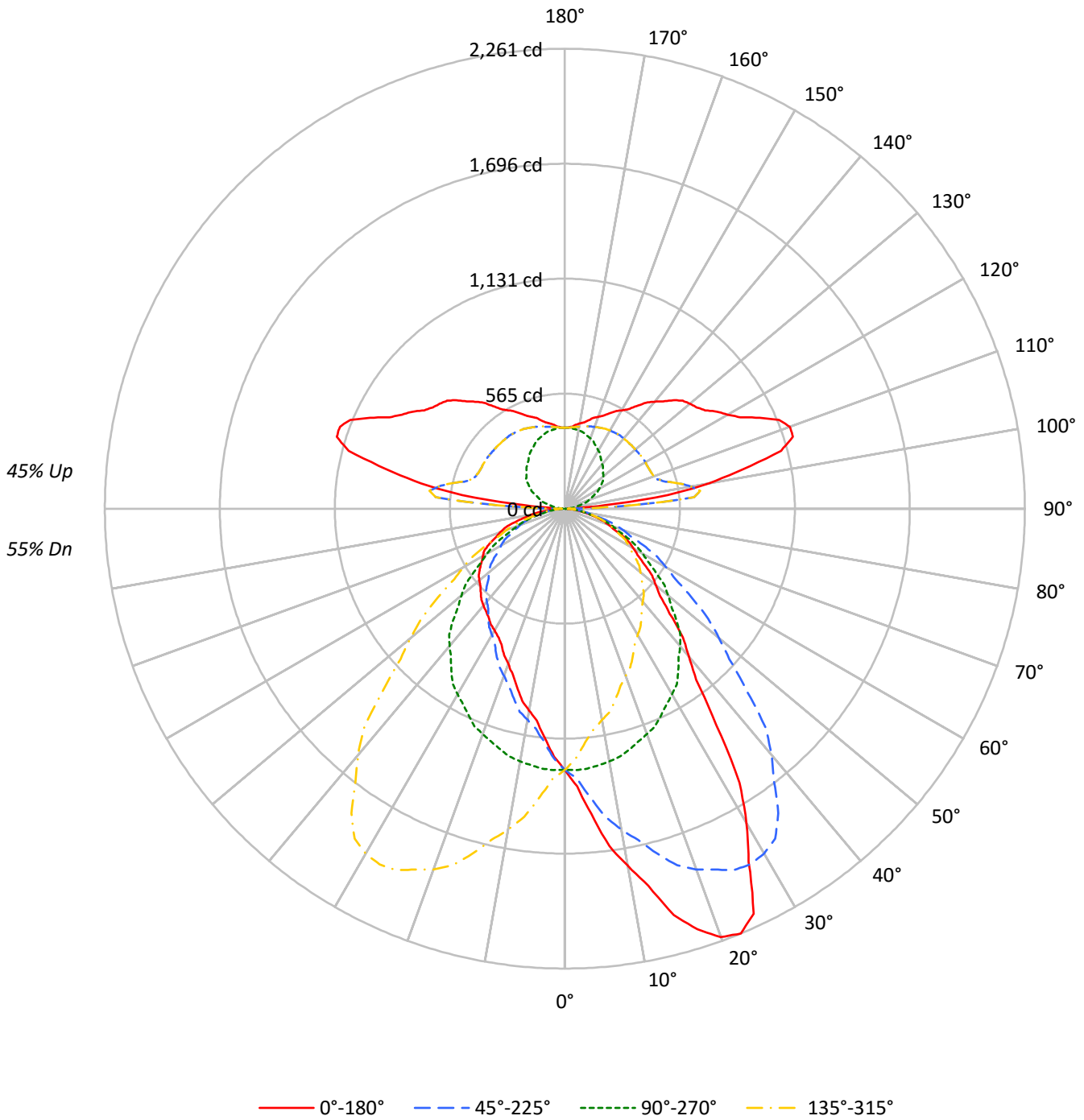
Lumens per Lamp: N/A
Luminaire Lumens: 6439.0 lumens
Efficiency: N/A
Efficacy: 140.3 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.23 / 1.41
Luminous Opening: Rectangular (W 4' x L: 0.33' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 45.9
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: P332600
CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-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 | 108 | 108 | 108 | 108 | 101 | 101 | 101 | 101 | 86 | 86 | 86 | 73 | 73 | 73 | 61 | 61 | 61 | 55 | | | | |
| 1 | 99 | 95 | 91 | 88 | 92 | 88 | 85 | 82 | 76 | 73 | 71 | 65 | 63 | 61 | 54 | 53 | 52 | 47 | | | | |
| 2 | 90 | 83 | 77 | 72 | 84 | 77 | 72 | 68 | 67 | 63 | 59 | 57 | 54 | 52 | 48 | 46 | 44 | 40 | | | | |
| 3 | 83 | 73 | 66 | 60 | 77 | 68 | 62 | 57 | 59 | 54 | 50 | 51 | 47 | 44 | 43 | 40 | 38 | 34 | | | | |
| 4 | 76 | 65 | 57 | 51 | 70 | 61 | 54 | 48 | 53 | 47 | 43 | 45 | 41 | 38 | 38 | 35 | 33 | 29 | | | | |
| 5 | 70 | 58 | 50 | 44 | 65 | 54 | 47 | 42 | 47 | 42 | 37 | 41 | 36 | 33 | 35 | 31 | 29 | 26 | | | | |
| 6 | 64 | 52 | 44 | 38 | 60 | 49 | 42 | 36 | 43 | 37 | 33 | 37 | 32 | 29 | 31 | 28 | 25 | 23 | | | | |
| 7 | 60 | 47 | 39 | 34 | 55 | 44 | 37 | 32 | 39 | 33 | 29 | 34 | 29 | 26 | 29 | 25 | 23 | 20 | | | | |
| 8 | 55 | 43 | 35 | 30 | 51 | 40 | 33 | 29 | 35 | 30 | 26 | 31 | 26 | 23 | 26 | 23 | 20 | 18 | | | | |
| 9 | 51 | 39 | 32 | 27 | 48 | 37 | 30 | 26 | 33 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 | 16 | | | | |
| 10 | 48 | 36 | 29 | 24 | 45 | 34 | 27 | 23 | 30 | 25 | 21 | 26 | 22 | 19 | 23 | 19 | 17 | 15 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 10365 | 10365 | 10365 | 10365 |
| 5° | 12206 | 10391 | 9172 | 10391 |
| 10° | 14614 | 10346 | 8257 | 10346 |
| 15° | 17291 | 10242 | 7583 | 10242 |
| 20° | 19254 | 10134 | 6981 | 10134 |
| 25° | 19565 | 9977 | 6566 | 9977 |
| 30° | 16648 | 9826 | 6435 | 9826 |
| 35° | 12799 | 9581 | 6436 | 9581 |
| 40° | 9977 | 9293 | 6558 | 9293 |
| 45° | 8318 | 8859 | 6667 | 8859 |
| 50° | 7321 | 8329 | 6894 | 8329 |
| 55° | 6707 | 7695 | 7171 | 7695 |
| 60° | 6286 | 7127 | 7505 | 7127 |
| 65° | 5851 | 6491 | 7782 | 6491 |
| 70° | 5349 | 5863 | 7959 | 5863 |
| 75° | 4779 | 5159 | 7863 | 5159 |
| 80° | 4007 | 4226 | 7615 | 4226 |
| 85° | 2955 | 3057 | 7290 | 3057 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 125.1 | 1.9 |
| 10°-20° | 385.5 | 6.0 |
| 20°-30° | 611.3 | 9.5 |
| 30°-40° | 680.3 | 10.6 |
| 40°-50° | 619.3 | 9.6 |
| 50°-60° | 506.1 | 7.9 |
| 60°-70° | 361.3 | 5.6 |
| 70°-80° | 198.9 | 3.1 |
| 80°-90° | 56.5 | 0.9 |
| 90°-100° | 287.5 | 4.5 |
| 100°-110° | 598.3 | 9.3 |
| 110°-120° | 535.9 | 8.3 |
| 120°-130° | 450.8 | 7.0 |
| 130°-140° | 375.9 | 5.8 |
| 140°-150° | 287.1 | 4.5 |
| 150°-160° | 201.8 | 3.1 |
| 160°-170° | 118.7 | 1.8 |
| 170°-180° | 38.6 | 0.6 |
| 0°-30° | 1121.9 | 17.4 |
| 0°-40° | 1802.3 | 28.0 |
| 0°-60° | 2927.7 | 45.5 |
| 0°-90° | 3544.4 | 55.0 |
| 90°-120° | 1421.6 | 22.1 |
| 90°-150° | 2535.4 | 39.4 |
| 90°-180° | 2895.0 | 45.0 |
| 0°-180° | 6439.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1284 | 1284 | 1284 | 1284 | 1284 | |
| 5° | 1506 | 1282 | 1132 | 1282 | 1506 | 153 |
| 15° | 2069 | 1225 | 907 | 1225 | 2069 | 585 |
| 25° | 2196 | 1120 | 737 | 1120 | 2196 | 968 |
| 35° | 1299 | 972 | 653 | 972 | 1299 | 824 |
| 45° | 729 | 776 | 584 | 776 | 729 | 574 |
| 55° | 476 | 547 | 510 | 547 | 476 | 430 |
| 65° | 306 | 340 | 407 | 340 | 306 | 303 |
| 75° | 153 | 165 | 252 | 165 | 153 | 163 |
| 85° | 32 | 33 | 79 | 33 | 32 | 39 |
| 90° | 16 | 1 | 16 | 1 | 16 | 14 |
| 95° | 191 | 26 | 191 | 26 | 191 | 296 |
| 105° | 1100 | 92 | 1100 | 92 | 1100 | 1088 |
| 115° | 1056 | 161 | 1056 | 161 | 1056 | 1049 |
| 125° | 843 | 224 | 843 | 224 | 843 | 766 |
| 135° | 754 | 267 | 754 | 267 | 754 | 582 |
| 145° | 615 | 307 | 615 | 307 | 615 | 390 |
| 155° | 515 | 350 | 515 | 350 | 515 | 240 |
| 165° | 450 | 381 | 450 | 381 | 450 | 129 |
| 175° | 405 | 397 | 405 | 397 | 405 | 39 |
| 180° | 398 | 398 | 398 | 398 | 398 | |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 |
| 2.5° | 1366.4 | 1366.0 | 1361.7 | 1360.9 | 1357.9 | 1354.1 | 1353.2 | 1346.4 | 1332.8 | 1326.4 | 1324.7 |
| 5° | 1506.2 | 1516.8 | 1503.0 | 1500.3 | 1498.7 | 1481.2 | 1472.1 | 1461.5 | 1437.0 | 1422.7 | 1411.5 |
| 7.5° | 1673.0 | 1674.2 | 1668.2 | 1663.3 | 1649.8 | 1634.4 | 1611.5 | 1587.0 | 1557.9 | 1527.5 | 1504.7 |
| 10° | 1782.7 | 1787.0 | 1780.1 | 1779.0 | 1751.9 | 1734.9 | 1700.8 | 1672.1 | 1639.1 | 1602.4 | 1568.9 |
| 12.5° | 1898.5 | 1892.5 | 1889.0 | 1866.2 | 1861.2 | 1830.2 | 1790.6 | 1761.0 | 1710.2 | 1668.0 | 1623.4 |
| 15° | 2068.9 | 2057.2 | 2049.7 | 2018.3 | 2002.9 | 1959.8 | 1917.8 | 1885.4 | 1818.9 | 1755.6 | 1707.7 |
| 17.5° | 2168.8 | 2180.5 | 2163.3 | 2150.4 | 2110.5 | 2080.3 | 2037.4 | 1969.3 | 1917.3 | 1838.7 | 1778.3 |
| 20° | 2241.2 | 2242.2 | 2232.7 | 2219.4 | 2188.0 | 2149.7 | 2102.9 | 2028.4 | 1966.2 | 1888.0 | 1805.1 |
| 22.5° | 2260.7 | 2261.0 | 2256.9 | 2244.5 | 2220.7 | 2189.7 | 2142.5 | 2080.3 | 2004.9 | 1919.9 | 1837.0 |
| 25° | 2196.5 | 2194.4 | 2199.2 | 2213.0 | 2203.9 | 2194.4 | 2167.2 | 2121.0 | 2050.8 | 1960.9 | 1871.5 |
| 27.5° | 1957.8 | 1972.5 | 1999.5 | 2033.5 | 2066.3 | 2091.3 | 2098.3 | 2088.8 | 2045.3 | 1971.4 | 1877.8 |
| 30° | 1785.9 | 1804.0 | 1824.2 | 1858.2 | 1924.2 | 1962.0 | 2003.4 | 2034.8 | 2017.3 | 1958.2 | 1871.0 |
| 32.5° | 1597.0 | 1601.5 | 1631.5 | 1670.2 | 1730.6 | 1803.3 | 1869.0 | 1932.7 | 1953.9 | 1922.9 | 1850.2 |
| 35° | 1298.7 | 1306.2 | 1338.6 | 1376.9 | 1450.9 | 1539.7 | 1638.6 | 1726.9 | 1799.7 | 1829.0 | 1791.8 |
| 37.5° | 1059.8 | 1081.2 | 1104.1 | 1145.3 | 1210.4 | 1290.3 | 1393.1 | 1507.3 | 1615.9 | 1688.7 | 1701.0 |
| 40° | 946.7 | 960.0 | 976.5 | 1007.8 | 1063.1 | 1141.9 | 1230.1 | 1361.0 | 1476.4 | 1580.6 | 1614.7 |
| 42.5° | 857.3 | 865.1 | 875.2 | 903.6 | 945.7 | 1024.0 | 1104.6 | 1219.7 | 1335.6 | 1460.2 | 1517.2 |
| 45° | 728.6 | 736.6 | 753.6 | 770.1 | 802.0 | 856.3 | 931.2 | 1025.9 | 1142.4 | 1262.6 | 1367.9 |
| 47.5° | 635.7 | 640.8 | 650.9 | 668.5 | 695.6 | 731.4 | 792.4 | 871.5 | 979.4 | 1096.1 | 1208.3 |
| 50° | 582.9 | 587.1 | 595.1 | 611.1 | 631.8 | 663.7 | 713.7 | 787.7 | 872.2 | 989.8 | 1099.8 |
| 52.5° | 541.2 | 542.9 | 548.8 | 559.6 | 576.1 | 602.9 | 643.9 | 705.1 | 783.7 | 888.5 | 998.2 |
| 55° | 476.5 | 478.7 | 484.0 | 492.0 | 506.3 | 523.3 | 554.7 | 600.4 | 669.1 | 760.0 | 855.2 |
| 57.5° | 423.3 | 424.8 | 429.3 | 432.4 | 444.2 | 458.0 | 482.2 | 514.8 | 566.8 | 643.9 | 728.9 |
| 60° | 389.3 | 388.2 | 393.6 | 396.2 | 404.2 | 415.9 | 434.5 | 465.9 | 511.1 | 573.3 | 651.5 |
| 62.5° | 356.1 | 354.6 | 359.1 | 362.6 | 367.2 | 377.2 | 392.4 | 417.0 | 453.7 | 509.9 | 577.5 |
| 65° | 306.3 | 304.2 | 306.9 | 311.1 | 315.4 | 320.7 | 331.9 | 353.7 | 382.9 | 423.3 | 474.9 |
| 67.5° | 256.3 | 258.6 | 259.0 | 261.1 | 263.6 | 270.8 | 278.5 | 293.9 | 314.5 | 346.9 | 390.6 |
| 70° | 226.6 | 227.1 | 229.2 | 229.2 | 230.8 | 237.2 | 243.6 | 252.6 | 272.8 | 302.6 | 338.2 |
| 72.5° | 196.8 | 199.0 | 198.2 | 199.9 | 201.0 | 205.3 | 210.0 | 218.6 | 235.8 | 257.9 | 288.0 |
| 75° | 153.2 | 154.8 | 154.8 | 155.3 | 156.9 | 158.5 | 162.2 | 168.6 | 180.8 | 197.3 | 218.1 |
| 77.5° | 111.7 | 111.9 | 112.6 | 114.6 | 114.6 | 117.1 | 119.9 | 125.0 | 131.0 | 142.3 | 155.0 |
| 80° | 86.2 | 87.2 | 86.7 | 87.8 | 87.8 | 89.9 | 90.9 | 97.3 | 100.0 | 107.4 | 117.5 |
| 82.5° | 63.2 | 64.2 | 64.1 | 65.6 | 66.5 | 66.9 | 68.4 | 70.9 | 73.6 | 80.2 | 84.3 |
| 85° | 31.9 | 33.0 | 31.9 | 33.0 | 34.6 | 35.1 | 36.7 | 37.2 | 39.4 | 41.0 | 44.7 |
| 87.5° | 12.6 | 13.9 | 14.1 | 14.3 | 15.0 | 15.5 | 15.7 | 15.2 | 16.7 | 17.3 | 18.7 |
| 90° | 16.4 | 16.4 | 17.2 | 16.4 | 15.6 | 15.6 | 14.9 | 14.1 | 13.3 | 14.1 | 12.5 |
| 92.5° | 60.2 | 60.2 | 62.9 | 67.1 | 76.3 | 92.0 | 115.6 | 153.6 | 206.6 | 248.0 | 217.1 |
| 95° | 190.8 | 201.0 | 215.0 | 239.3 | 277.6 | 353.4 | 458.2 | 579.4 | 655.3 | 637.3 | 480.9 |
| 97.5° | 510.0 | 526.2 | 549.7 | 596.8 | 652.9 | 734.5 | 811.0 | 856.0 | 823.2 | 671.2 | 450.1 |
| 100° | 717.0 | 723.3 | 746.7 | 794.4 | 862.5 | 920.3 | 958.6 | 943.0 | 828.8 | 628.7 | 408.2 |
| 102.5° | 897.2 | 902.2 | 926.9 | 961.5 | 1003.2 | 1027.3 | 1016.2 | 938.6 | 781.9 | 575.5 | 380.0 |
| 105° | 1100.2 | 1104.9 | 1115.8 | 1122.1 | 1120.5 | 1088.4 | 1011.0 | 875.8 | 696.7 | 512.9 | 355.8 |
| 107.5° | 1175.5 | 1173.5 | 1165.7 | 1147.9 | 1109.2 | 1039.5 | 930.5 | 786.5 | 627.9 | 477.9 | 351.4 |
| 110° | 1176.8 | 1169.8 | 1155.7 | 1122.8 | 1067.3 | 981.3 | 867.9 | 732.7 | 593.5 | 466.0 | 352.6 |



TEST NUMBER: P332600

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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1139.9 | 1128.5 | 1108.8 | 1069.0 | 1006.0 | 920.0 | 812.9 | 693.3 | 574.1 | 460.4 | 356.4 |
| 115° | 1056.4 | 1050.1 | 1025.1 | 978.2 | 916.4 | 841.3 | 749.9 | 653.7 | 555.9 | 457.4 | 363.6 |
| 117.5° | 971.8 | 966.9 | 941.6 | 902.2 | 849.5 | 785.8 | 713.9 | 634.3 | 547.8 | 456.6 | 371.3 |
| 120° | 924.2 | 915.6 | 895.3 | 860.9 | 816.3 | 760.8 | 698.3 | 625.5 | 543.4 | 456.6 | 376.9 |
| 122.5° | 886.7 | 878.1 | 860.9 | 831.5 | 793.8 | 745.2 | 688.2 | 618.0 | 538.4 | 456.0 | 382.5 |
| 125° | 842.9 | 838.2 | 823.4 | 800.7 | 769.4 | 726.4 | 672.5 | 605.2 | 530.1 | 455.1 | 391.0 |
| 127.5° | 817.3 | 812.6 | 800.1 | 779.9 | 748.5 | 707.6 | 653.8 | 589.6 | 519.0 | 453.4 | 397.7 |
| 130° | 802.3 | 797.6 | 785.1 | 765.5 | 733.4 | 692.0 | 638.8 | 577.1 | 512.2 | 452.7 | 402.7 |
| 132.5° | 785.4 | 780.7 | 768.8 | 746.7 | 715.3 | 673.9 | 621.9 | 563.9 | 505.9 | 452.1 | 407.1 |
| 135° | 753.8 | 749.1 | 736.6 | 714.7 | 683.4 | 644.3 | 596.6 | 545.8 | 496.5 | 451.2 | 413.6 |
| 137.5° | 714.7 | 709.0 | 698.7 | 677.1 | 647.9 | 612.6 | 572.4 | 529.4 | 488.4 | 451.0 | 417.5 |
| 140° | 686.5 | 680.3 | 669.3 | 652.1 | 624.8 | 591.9 | 556.7 | 520.0 | 484.0 | 450.4 | 420.7 |
| 142.5° | 656.5 | 652.1 | 642.4 | 626.5 | 602.2 | 573.8 | 543.6 | 511.2 | 480.3 | 450.4 | 423.2 |
| 145° | 615.4 | 611.5 | 603.6 | 590.4 | 570.8 | 548.9 | 525.5 | 498.9 | 473.8 | 448.8 | 424.6 |
| 147.5° | 578.9 | 577.5 | 571.6 | 560.2 | 545.8 | 528.6 | 509.8 | 488.7 | 468.1 | 446.0 | 425.4 |
| 150° | 558.3 | 557.5 | 552.8 | 542.7 | 530.1 | 516.1 | 500.4 | 482.4 | 463.7 | 444.1 | 425.4 |
| 152.5° | 539.5 | 538.7 | 535.9 | 527.6 | 517.0 | 505.4 | 491.0 | 475.6 | 458.7 | 441.0 | 424.1 |
| 155° | 515.3 | 515.3 | 512.9 | 506.7 | 498.9 | 489.5 | 477.8 | 465.2 | 451.2 | 436.3 | 422.2 |
| 157.5° | 494.0 | 494.0 | 492.6 | 487.9 | 482.0 | 474.5 | 464.6 | 454.1 | 443.5 | 431.5 | 420.2 |
| 160° | 480.9 | 480.9 | 480.1 | 475.4 | 470.7 | 464.5 | 455.9 | 447.3 | 437.9 | 427.7 | 418.3 |
| 162.5° | 468.4 | 469.0 | 468.2 | 463.5 | 460.1 | 454.5 | 447.7 | 440.4 | 432.9 | 424.0 | 416.5 |
| 165° | 449.6 | 450.4 | 451.2 | 448.0 | 444.9 | 441.0 | 435.5 | 430.8 | 424.6 | 418.3 | 412.9 |
| 167.5° | 434.7 | 435.4 | 435.5 | 433.5 | 431.9 | 429.6 | 425.2 | 421.6 | 417.1 | 412.7 | 409.1 |
| 170° | 425.4 | 425.4 | 426.1 | 425.4 | 423.8 | 421.5 | 418.3 | 416.0 | 412.1 | 408.9 | 406.6 |
| 172.5° | 416.0 | 417.2 | 418.0 | 417.2 | 416.3 | 414.6 | 412.7 | 411.0 | 407.7 | 405.2 | 404.1 |
| 175° | 405.0 | 406.6 | 408.2 | 406.6 | 406.6 | 406.6 | 405.0 | 404.3 | 402.7 | 401.1 | 401.1 |
| 177.5° | 398.6 | 399.9 | 401.1 | 400.5 | 401.1 | 400.5 | 400.5 | 399.9 | 399.2 | 398.6 | 398.6 |
| 180° | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 |
| 2.5° | 1325.1 | 1319.2 | 1314.9 | 1311.5 | 1302.2 | 1296.6 | 1292.4 | 1286.4 | 1279.6 | 1272.4 | 1263.4 |
| 5° | 1400.3 | 1382.2 | 1369.0 | 1348.7 | 1329.6 | 1313.6 | 1297.2 | 1282.3 | 1264.2 | 1244.5 | 1230.1 |
| 7.5° | 1479.4 | 1452.5 | 1418.0 | 1388.1 | 1354.5 | 1325.2 | 1299.1 | 1272.3 | 1244.4 | 1217.4 | 1192.6 |
| 10° | 1529.6 | 1495.0 | 1456.7 | 1411.5 | 1369.0 | 1331.2 | 1296.1 | 1262.1 | 1229.1 | 1196.1 | 1167.9 |
| 12.5° | 1583.6 | 1540.5 | 1483.9 | 1431.1 | 1383.4 | 1332.9 | 1290.6 | 1248.9 | 1209.1 | 1174.4 | 1141.5 |
| 15° | 1656.1 | 1593.9 | 1528.5 | 1457.8 | 1395.0 | 1336.0 | 1278.0 | 1225.4 | 1180.7 | 1134.9 | 1103.0 |
| 17.5° | 1700.7 | 1623.7 | 1548.9 | 1475.0 | 1399.1 | 1324.6 | 1262.1 | 1201.3 | 1145.4 | 1099.9 | 1059.7 |
| 20° | 1730.1 | 1653.5 | 1560.4 | 1486.5 | 1396.1 | 1319.5 | 1247.2 | 1179.6 | 1121.1 | 1072.7 | 1031.2 |
| 22.5° | 1755.6 | 1667.1 | 1574.0 | 1476.7 | 1386.7 | 1305.5 | 1226.3 | 1158.3 | 1098.6 | 1047.6 | 1007.8 |
| 25° | 1769.4 | 1667.8 | 1566.8 | 1470.0 | 1367.9 | 1271.6 | 1199.8 | 1120.1 | 1056.2 | 1002.5 | 960.0 |
| 27.5° | 1770.9 | 1662.3 | 1548.0 | 1440.4 | 1335.0 | 1245.4 | 1154.7 | 1083.5 | 1017.2 | 960.4 | 919.5 |
| 30° | 1766.2 | 1653.0 | 1530.1 | 1413.6 | 1307.8 | 1210.5 | 1131.8 | 1054.1 | 986.6 | 930.2 | 887.6 |
| 32.5° | 1751.3 | 1633.4 | 1507.1 | 1383.8 | 1274.2 | 1179.0 | 1097.7 | 1023.9 | 958.1 | 902.5 | 857.9 |
| 35° | 1708.3 | 1591.8 | 1457.2 | 1329.1 | 1216.8 | 1120.6 | 1047.2 | 972.2 | 906.3 | 853.6 | 810.5 |
| 37.5° | 1640.9 | 1535.6 | 1398.8 | 1266.2 | 1156.0 | 1059.3 | 986.6 | 918.8 | 859.3 | 805.8 | 761.7 |
| 40° | 1582.2 | 1489.7 | 1352.5 | 1223.2 | 1104.1 | 1012.1 | 944.0 | 881.8 | 822.8 | 772.2 | 730.2 |
| 42.5° | 1514.6 | 1433.9 | 1307.4 | 1170.5 | 1055.6 | 963.2 | 896.8 | 840.9 | 785.3 | 738.6 | 696.6 |
| 45° | 1393.9 | 1340.8 | 1221.6 | 1095.1 | 975.4 | 888.2 | 824.9 | 776.0 | 729.2 | 683.4 | 648.3 |
| 47.5° | 1255.2 | 1228.9 | 1128.6 | 1008.4 | 894.8 | 808.8 | 753.9 | 708.7 | 667.7 | 629.0 | 598.0 |
| 50° | 1162.1 | 1149.3 | 1062.6 | 946.7 | 838.2 | 757.3 | 702.0 | 663.2 | 628.1 | 594.1 | 564.8 |
| 52.5° | 1070.2 | 1069.7 | 991.6 | 885.4 | 785.0 | 707.1 | 652.2 | 616.0 | 585.6 | 557.9 | 531.6 |
| 55° | 929.7 | 944.5 | 883.4 | 788.7 | 698.8 | 628.6 | 579.2 | 546.7 | 525.5 | 502.6 | 482.9 |
| 57.5° | 800.6 | 825.3 | 774.9 | 691.5 | 616.5 | 551.8 | 508.8 | 484.4 | 461.7 | 447.9 | 433.6 |
| 60° | 716.4 | 739.8 | 700.4 | 630.2 | 559.5 | 504.2 | 463.2 | 441.4 | 421.7 | 412.2 | 402.1 |
| 62.5° | 641.5 | 662.4 | 633.2 | 568.1 | 506.7 | 453.6 | 419.0 | 398.0 | 384.7 | 374.3 | 367.6 |
| 65° | 534.5 | 552.0 | 527.1 | 479.7 | 427.1 | 384.5 | 356.3 | 339.8 | 327.1 | 322.8 | 315.4 |
| 67.5° | 432.1 | 448.0 | 434.5 | 394.3 | 352.1 | 319.8 | 297.8 | 282.0 | 274.4 | 270.7 | 265.4 |
| 70° | 371.2 | 387.2 | 372.8 | 337.7 | 305.3 | 278.2 | 257.4 | 248.4 | 240.4 | 238.8 | 231.3 |
| 72.5° | 319.7 | 330.6 | 316.2 | 288.8 | 261.0 | 238.2 | 222.1 | 212.6 | 208.5 | 205.6 | 201.6 |
| 75° | 239.9 | 249.4 | 239.9 | 218.6 | 198.9 | 183.0 | 169.1 | 165.4 | 160.6 | 159.0 | 156.4 |
| 77.5° | 169.8 | 178.1 | 170.7 | 157.4 | 142.7 | 130.4 | 123.0 | 118.2 | 117.1 | 114.3 | 115.6 |
| 80° | 129.8 | 135.1 | 128.2 | 119.1 | 107.4 | 98.9 | 93.6 | 90.9 | 87.8 | 86.7 | 88.8 |
| 82.5° | 93.2 | 95.5 | 92.0 | 85.9 | 77.2 | 71.7 | 68.1 | 65.0 | 64.4 | 64.6 | 64.6 |
| 85° | 48.4 | 47.9 | 47.3 | 42.0 | 39.4 | 35.6 | 33.5 | 33.0 | 32.4 | 33.5 | 34.6 |
| 87.5° | 18.4 | 18.8 | 17.4 | 15.7 | 14.3 | 12.9 | 12.0 | 11.2 | 12.0 | 12.9 | 13.4 |
| 90° | 10.9 | 10.9 | 6.3 | 6.3 | 5.5 | 4.7 | 2.3 | 0.8 | 2.3 | 4.7 | 5.5 |
| 92.5° | 157.9 | 97.3 | 57.5 | 41.3 | 29.9 | 20.3 | 13.0 | 8.9 | 13.0 | 20.3 | 29.9 |
| 95° | 294.0 | 165.8 | 97.7 | 64.9 | 46.1 | 36.0 | 28.1 | 25.8 | 28.1 | 36.0 | 46.1 |
| 97.5° | 264.3 | 158.4 | 106.0 | 78.5 | 62.4 | 53.0 | 46.3 | 46.3 | 46.3 | 53.0 | 62.4 |
| 100° | 248.7 | 160.3 | 114.2 | 89.1 | 74.3 | 64.9 | 59.4 | 59.4 | 59.4 | 64.9 | 74.3 |
| 102.5° | 244.3 | 166.5 | 124.8 | 101.0 | 86.8 | 78.0 | 73.2 | 71.9 | 73.2 | 78.0 | 86.8 |
| 105° | 246.3 | 181.4 | 143.9 | 121.2 | 107.1 | 97.7 | 93.8 | 91.5 | 93.8 | 97.7 | 107.1 |
| 107.5° | 257.9 | 198.8 | 164.4 | 142.0 | 128.5 | 118.5 | 114.6 | 113.1 | 114.6 | 118.5 | 128.5 |
| 110° | 266.6 | 211.9 | 177.5 | 156.4 | 142.3 | 132.9 | 129.0 | 127.5 | 129.0 | 132.9 | 142.3 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 276.0 | 224.4 | 191.3 | 170.1 | 156.1 | 147.3 | 142.8 | 141.2 | 142.8 | 147.3 | 156.1 |
| 115° | 290.9 | 244.0 | 212.7 | 191.6 | 176.7 | 168.9 | 163.4 | 161.1 | 163.4 | 168.9 | 176.7 |
| 117.5° | 306.0 | 262.9 | 233.2 | 211.3 | 197.4 | 188.8 | 183.9 | 181.7 | 183.9 | 188.8 | 197.4 |
| 120° | 316.7 | 276.0 | 246.3 | 224.4 | 211.1 | 202.5 | 197.0 | 195.5 | 197.0 | 202.5 | 211.1 |
| 122.5° | 326.7 | 288.5 | 258.8 | 237.5 | 223.0 | 215.0 | 209.6 | 208.0 | 209.6 | 215.0 | 223.0 |
| 125° | 341.7 | 305.7 | 277.6 | 255.7 | 240.8 | 232.2 | 227.5 | 224.4 | 227.5 | 232.2 | 240.8 |
| 127.5° | 354.7 | 321.7 | 294.5 | 272.4 | 256.9 | 247.1 | 241.5 | 239.0 | 241.5 | 247.1 | 256.9 |
| 130° | 362.8 | 332.3 | 305.7 | 283.1 | 268.2 | 256.5 | 250.2 | 247.1 | 250.2 | 256.5 | 268.2 |
| 132.5° | 370.9 | 341.1 | 314.5 | 293.1 | 277.0 | 265.9 | 257.7 | 255.2 | 257.7 | 265.9 | 277.0 |
| 135° | 381.6 | 353.4 | 327.6 | 307.3 | 290.9 | 277.6 | 269.8 | 266.6 | 269.8 | 277.6 | 290.9 |
| 137.5° | 389.1 | 362.8 | 338.7 | 319.3 | 302.3 | 289.6 | 281.0 | 278.1 | 281.0 | 289.6 | 302.3 |
| 140° | 394.1 | 369.1 | 345.6 | 326.8 | 310.4 | 297.1 | 288.5 | 286.2 | 288.5 | 297.1 | 310.4 |
| 142.5° | 397.8 | 374.7 | 351.9 | 333.7 | 317.9 | 305.3 | 297.3 | 294.9 | 297.3 | 305.3 | 317.9 |
| 145° | 401.9 | 380.8 | 360.5 | 343.3 | 328.4 | 317.5 | 309.6 | 307.3 | 309.6 | 317.5 | 328.4 |
| 147.5° | 405.5 | 387.1 | 368.0 | 352.5 | 340.1 | 328.9 | 322.0 | 321.2 | 322.0 | 328.9 | 340.1 |
| 150° | 407.4 | 390.2 | 373.0 | 358.1 | 346.4 | 337.0 | 330.8 | 330.0 | 330.8 | 337.0 | 346.4 |
| 152.5° | 408.6 | 392.7 | 377.4 | 363.8 | 353.3 | 344.5 | 338.3 | 338.1 | 338.3 | 344.5 | 353.3 |
| 155° | 409.7 | 396.4 | 383.1 | 371.4 | 362.8 | 355.0 | 350.3 | 349.5 | 350.3 | 355.0 | 362.8 |
| 157.5° | 409.7 | 399.1 | 387.8 | 378.6 | 371.1 | 365.0 | 360.6 | 360.6 | 360.6 | 365.0 | 371.1 |
| 160° | 409.7 | 400.3 | 391.0 | 382.4 | 376.1 | 370.6 | 367.5 | 367.5 | 367.5 | 370.6 | 376.1 |
| 162.5° | 409.7 | 401.6 | 392.8 | 386.1 | 380.5 | 375.6 | 373.1 | 373.8 | 373.1 | 375.6 | 380.5 |
| 165° | 408.2 | 401.9 | 394.9 | 390.2 | 386.3 | 382.4 | 380.8 | 380.8 | 380.8 | 382.4 | 386.3 |
| 167.5° | 406.3 | 401.8 | 396.6 | 393.0 | 390.8 | 387.8 | 387.1 | 387.8 | 387.1 | 387.8 | 390.8 |
| 170° | 405.0 | 401.1 | 397.2 | 394.9 | 393.3 | 391.0 | 390.2 | 391.0 | 390.2 | 391.0 | 393.3 |
| 172.5° | 403.8 | 400.5 | 397.8 | 396.1 | 395.2 | 393.5 | 393.3 | 394.1 | 393.3 | 393.5 | 395.2 |
| 175° | 401.9 | 399.6 | 398.0 | 398.0 | 397.2 | 396.4 | 396.4 | 397.2 | 396.4 | 396.4 | 397.2 |
| 177.5° | 399.9 | 398.6 | 398.0 | 398.0 | 398.0 | 397.4 | 398.0 | 398.6 | 398.0 | 397.4 | 398.0 |
| 180° | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 |
| 2.5° | 1259.2 | 1255.4 | 1249.8 | 1242.2 | 1235.8 | 1229.0 | 1227.3 | 1224.7 | 1229.8 | 1225.6 | 1224.3 |
| 5° | 1217.9 | 1206.7 | 1192.4 | 1175.9 | 1166.3 | 1152.5 | 1149.8 | 1144.5 | 1139.2 | 1138.7 | 1133.3 |
| 7.5° | 1174.2 | 1157.8 | 1139.0 | 1122.2 | 1106.6 | 1091.5 | 1081.7 | 1079.5 | 1071.7 | 1067.1 | 1061.8 |
| 10° | 1146.1 | 1125.9 | 1104.1 | 1088.1 | 1070.1 | 1054.1 | 1042.9 | 1036.6 | 1031.2 | 1025.4 | 1020.1 |
| 12.5° | 1112.9 | 1091.4 | 1073.5 | 1056.2 | 1034.7 | 1022.6 | 1004.2 | 993.2 | 992.1 | 992.2 | 978.4 |
| 15° | 1074.3 | 1053.0 | 1025.4 | 1000.9 | 989.2 | 965.8 | 955.7 | 942.9 | 935.0 | 927.0 | 920.6 |
| 17.5° | 1030.2 | 1003.7 | 982.1 | 954.0 | 931.7 | 913.1 | 899.8 | 892.1 | 880.1 | 868.8 | 860.6 |
| 20° | 1002.5 | 974.3 | 951.5 | 921.7 | 897.2 | 874.3 | 863.2 | 852.5 | 843.5 | 833.9 | 824.9 |
| 22.5° | 974.4 | 945.0 | 917.0 | 888.1 | 865.3 | 841.2 | 830.4 | 815.9 | 807.3 | 802.0 | 793.0 |
| 25° | 930.2 | 898.3 | 866.4 | 838.7 | 815.3 | 794.0 | 779.7 | 768.5 | 758.9 | 754.7 | 748.8 |
| 27.5° | 882.1 | 850.4 | 819.6 | 788.2 | 761.6 | 746.2 | 734.7 | 726.3 | 720.7 | 715.1 | 712.5 |
| 30° | 851.5 | 818.5 | 785.5 | 756.3 | 731.8 | 716.4 | 705.7 | 699.9 | 695.6 | 693.0 | 690.3 |
| 32.5° | 820.4 | 787.9 | 753.2 | 726.5 | 704.6 | 690.9 | 682.8 | 676.9 | 674.8 | 673.8 | 672.9 |
| 35° | 770.6 | 737.7 | 705.7 | 681.8 | 661.1 | 655.8 | 648.8 | 645.7 | 644.6 | 648.3 | 649.9 |
| 37.5° | 722.4 | 691.8 | 662.5 | 639.3 | 625.7 | 617.9 | 615.5 | 615.7 | 619.5 | 622.8 | 626.6 |
| 40° | 691.4 | 661.6 | 634.0 | 613.7 | 601.0 | 596.2 | 595.1 | 597.8 | 602.0 | 605.8 | 610.0 |
| 42.5° | 661.2 | 631.8 | 606.7 | 587.8 | 578.9 | 574.5 | 575.1 | 577.8 | 583.7 | 588.3 | 594.7 |
| 45° | 614.3 | 589.8 | 565.3 | 549.9 | 542.5 | 543.5 | 543.5 | 548.3 | 554.2 | 561.1 | 568.0 |
| 47.5° | 570.1 | 545.5 | 525.3 | 512.4 | 508.5 | 507.6 | 510.6 | 516.8 | 525.2 | 533.8 | 543.4 |
| 50° | 540.3 | 516.9 | 499.4 | 487.7 | 483.4 | 485.0 | 489.3 | 495.1 | 505.2 | 515.9 | 526.0 |
| 52.5° | 510.1 | 488.9 | 472.6 | 461.7 | 458.8 | 461.6 | 465.9 | 475.1 | 484.0 | 495.5 | 507.7 |
| 55° | 463.2 | 445.1 | 432.4 | 424.4 | 423.3 | 424.9 | 429.7 | 439.8 | 452.6 | 467.0 | 478.7 |
| 57.5° | 416.5 | 401.4 | 389.7 | 384.2 | 384.7 | 386.2 | 394.1 | 406.1 | 419.7 | 435.0 | 450.1 |
| 60° | 385.1 | 371.2 | 361.7 | 357.4 | 357.9 | 361.1 | 370.7 | 381.9 | 398.9 | 413.8 | 429.7 |
| 62.5° | 355.3 | 343.1 | 334.0 | 330.2 | 329.4 | 336.4 | 345.6 | 357.2 | 374.2 | 390.8 | 408.0 |
| 65° | 307.4 | 297.8 | 290.4 | 288.3 | 289.9 | 295.2 | 306.9 | 322.3 | 336.7 | 354.2 | 372.3 |
| 67.5° | 260.6 | 252.7 | 247.6 | 248.6 | 250.5 | 258.4 | 268.2 | 281.4 | 297.7 | 315.9 | 333.8 |
| 70° | 230.8 | 223.4 | 219.1 | 219.6 | 222.8 | 232.4 | 240.9 | 254.2 | 271.8 | 290.4 | 305.3 |
| 72.5° | 200.2 | 195.3 | 191.5 | 193.7 | 196.9 | 203.5 | 214.1 | 227.4 | 242.8 | 260.2 | 275.9 |
| 75° | 153.7 | 153.7 | 151.6 | 153.2 | 158.0 | 164.3 | 172.3 | 186.1 | 201.6 | 215.4 | 228.2 |
| 77.5° | 114.0 | 112.9 | 114.2 | 116.2 | 118.9 | 126.5 | 135.6 | 145.5 | 157.1 | 170.9 | 181.5 |
| 80° | 87.2 | 87.8 | 90.4 | 93.6 | 94.7 | 100.5 | 110.1 | 119.1 | 128.2 | 139.9 | 150.0 |
| 82.5° | 65.5 | 66.1 | 67.4 | 71.5 | 72.5 | 78.8 | 85.0 | 94.0 | 102.2 | 110.1 | 118.5 |
| 85° | 35.6 | 35.6 | 38.3 | 39.9 | 42.5 | 46.8 | 50.5 | 55.8 | 63.3 | 68.6 | 76.6 |
| 87.5° | 14.9 | 14.9 | 17.5 | 18.4 | 19.9 | 22.4 | 23.1 | 27.9 | 29.8 | 32.1 | 35.9 |
| 90° | 6.3 | 6.3 | 10.9 | 10.9 | 12.5 | 14.1 | 13.3 | 14.1 | 14.9 | 15.6 | 15.6 |
| 92.5° | 41.3 | 57.5 | 97.3 | 157.9 | 217.1 | 248.0 | 206.6 | 153.6 | 115.6 | 92.0 | 76.3 |
| 95° | 64.9 | 97.7 | 165.8 | 294.0 | 480.9 | 637.3 | 655.3 | 579.4 | 458.2 | 353.4 | 277.6 |
| 97.5° | 78.5 | 106.0 | 158.4 | 264.3 | 450.1 | 671.2 | 823.2 | 856.0 | 811.0 | 734.5 | 652.9 |
| 100° | 89.1 | 114.2 | 160.3 | 248.7 | 408.2 | 628.7 | 828.8 | 943.0 | 958.6 | 920.3 | 862.5 |
| 102.5° | 101.0 | 124.8 | 166.5 | 244.3 | 380.0 | 575.5 | 781.9 | 938.6 | 1016.2 | 1027.3 | 1003.2 |
| 105° | 121.2 | 143.9 | 181.4 | 246.3 | 355.8 | 512.9 | 696.7 | 875.8 | 1011.0 | 1088.4 | 1120.5 |
| 107.5° | 142.0 | 164.4 | 198.8 | 257.9 | 351.4 | 477.9 | 627.9 | 786.5 | 930.5 | 1039.5 | 1109.2 |
| 110° | 156.4 | 177.5 | 211.9 | 266.6 | 352.6 | 466.0 | 593.5 | 732.7 | 867.9 | 981.3 | 1067.3 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 170.1 | 191.3 | 224.4 | 276.0 | 356.4 | 460.4 | 574.1 | 693.3 | 812.9 | 920.0 | 1006.0 |
| 115° | 191.6 | 212.7 | 244.0 | 290.9 | 363.6 | 457.4 | 555.9 | 653.7 | 749.9 | 841.3 | 916.4 |
| 117.5° | 211.3 | 233.2 | 262.9 | 306.0 | 371.3 | 456.6 | 547.8 | 634.3 | 713.9 | 785.8 | 849.5 |
| 120° | 224.4 | 246.3 | 276.0 | 316.7 | 376.9 | 456.6 | 543.4 | 625.5 | 698.3 | 760.8 | 816.3 |
| 122.5° | 237.5 | 258.8 | 288.5 | 326.7 | 382.5 | 456.0 | 538.4 | 618.0 | 688.2 | 745.2 | 793.8 |
| 125° | 255.7 | 277.6 | 305.7 | 341.7 | 391.0 | 455.1 | 530.1 | 605.2 | 672.5 | 726.4 | 769.4 |
| 127.5° | 272.4 | 294.5 | 321.7 | 354.7 | 397.7 | 453.4 | 519.0 | 589.6 | 653.8 | 707.6 | 748.5 |
| 130° | 283.1 | 305.7 | 332.3 | 362.8 | 402.7 | 452.7 | 512.2 | 577.1 | 638.8 | 692.0 | 733.4 |
| 132.5° | 293.1 | 314.5 | 341.1 | 370.9 | 407.1 | 452.1 | 505.9 | 563.9 | 621.9 | 673.9 | 715.3 |
| 135° | 307.3 | 327.6 | 353.4 | 381.6 | 413.6 | 451.2 | 496.5 | 545.8 | 596.6 | 644.3 | 683.4 |
| 137.5° | 319.3 | 338.7 | 362.8 | 389.1 | 417.5 | 451.0 | 488.4 | 529.4 | 572.4 | 612.6 | 647.9 |
| 140° | 326.8 | 345.6 | 369.1 | 394.1 | 420.7 | 450.4 | 484.0 | 520.0 | 556.7 | 591.9 | 624.8 |
| 142.5° | 333.7 | 351.9 | 374.7 | 397.8 | 423.2 | 450.4 | 480.3 | 511.2 | 543.6 | 573.8 | 602.2 |
| 145° | 343.3 | 360.5 | 380.8 | 401.9 | 424.6 | 448.8 | 473.8 | 498.9 | 525.5 | 548.9 | 570.8 |
| 147.5° | 352.5 | 368.0 | 387.1 | 405.5 | 425.4 | 446.0 | 468.1 | 488.7 | 509.8 | 528.6 | 545.8 |
| 150° | 358.1 | 373.0 | 390.2 | 407.4 | 425.4 | 444.1 | 463.7 | 482.4 | 500.4 | 516.1 | 530.1 |
| 152.5° | 363.8 | 377.4 | 392.7 | 408.6 | 424.1 | 441.0 | 458.7 | 475.6 | 491.0 | 505.4 | 517.0 |
| 155° | 371.4 | 383.1 | 396.4 | 409.7 | 422.2 | 436.3 | 451.2 | 465.2 | 477.8 | 489.5 | 498.9 |
| 157.5° | 378.6 | 387.8 | 399.1 | 409.7 | 420.2 | 431.5 | 443.5 | 454.1 | 464.6 | 474.5 | 482.0 |
| 160° | 382.4 | 391.0 | 400.3 | 409.7 | 418.3 | 427.7 | 437.9 | 447.3 | 455.9 | 464.5 | 470.7 |
| 162.5° | 386.1 | 392.8 | 401.6 | 409.7 | 416.5 | 424.0 | 432.9 | 440.4 | 447.7 | 454.5 | 460.1 |
| 165° | 390.2 | 394.9 | 401.9 | 408.2 | 412.9 | 418.3 | 424.6 | 430.8 | 435.5 | 441.0 | 444.9 |
| 167.5° | 393.0 | 396.6 | 401.8 | 406.3 | 409.1 | 412.7 | 417.1 | 421.6 | 425.2 | 429.6 | 431.9 |
| 170° | 394.9 | 397.2 | 401.1 | 405.0 | 406.6 | 408.9 | 412.1 | 416.0 | 418.3 | 421.5 | 423.8 |
| 172.5° | 396.1 | 397.8 | 400.5 | 403.8 | 404.1 | 405.2 | 407.7 | 411.0 | 412.7 | 414.6 | 416.3 |
| 175° | 398.0 | 398.0 | 399.6 | 401.9 | 401.1 | 401.1 | 402.7 | 404.3 | 405.0 | 406.6 | 406.6 |
| 177.5° | 398.0 | 398.0 | 398.6 | 399.9 | 398.6 | 398.6 | 399.2 | 399.9 | 400.5 | 400.5 | 401.1 |
| 180° | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 |
| 2.5° | 1223.4 | 1222.6 | 1219.6 | 1219.2 | 1219.6 | 1222.6 | 1223.4 | 1224.3 | 1225.6 | 1229.8 | 1224.7 |
| 5° | 1130.2 | 1127.5 | 1125.9 | 1131.8 | 1125.9 | 1127.5 | 1130.2 | 1133.3 | 1138.7 | 1139.2 | 1144.5 |
| 7.5° | 1059.8 | 1057.7 | 1053.0 | 1051.6 | 1053.0 | 1057.7 | 1059.8 | 1061.8 | 1067.1 | 1071.7 | 1079.5 |
| 10° | 1014.7 | 1012.6 | 1008.4 | 1007.3 | 1008.4 | 1012.6 | 1014.7 | 1020.1 | 1025.4 | 1031.2 | 1036.6 |
| 12.5° | 971.3 | 967.1 | 966.2 | 967.3 | 966.2 | 967.1 | 971.3 | 978.4 | 992.2 | 992.1 | 993.2 |
| 15° | 913.7 | 911.6 | 905.7 | 907.3 | 905.7 | 911.6 | 913.7 | 920.6 | 927.0 | 935.0 | 942.9 |
| 17.5° | 856.9 | 854.3 | 847.2 | 853.5 | 847.2 | 854.3 | 856.9 | 860.6 | 868.8 | 880.1 | 892.1 |
| 20° | 821.2 | 816.9 | 813.2 | 812.6 | 813.2 | 816.9 | 821.2 | 824.9 | 833.9 | 843.5 | 852.5 |
| 22.5° | 787.1 | 783.3 | 783.0 | 779.5 | 783.0 | 783.3 | 787.1 | 793.0 | 802.0 | 807.3 | 815.9 |
| 25° | 744.6 | 740.9 | 739.8 | 737.1 | 739.8 | 740.9 | 744.6 | 748.8 | 754.7 | 758.9 | 768.5 |
| 27.5° | 711.9 | 710.1 | 708.2 | 709.0 | 708.2 | 710.1 | 711.9 | 712.5 | 715.1 | 720.7 | 726.3 |
| 30° | 691.9 | 691.4 | 690.3 | 690.3 | 690.3 | 691.4 | 691.9 | 690.3 | 693.0 | 695.6 | 699.9 |
| 32.5° | 675.3 | 675.2 | 675.9 | 675.9 | 675.9 | 675.2 | 675.3 | 672.9 | 673.8 | 674.8 | 676.9 |
| 35° | 652.0 | 653.6 | 654.7 | 653.1 | 654.7 | 653.6 | 652.0 | 649.9 | 648.3 | 644.6 | 645.7 |
| 37.5° | 631.0 | 632.6 | 634.1 | 635.9 | 634.1 | 632.6 | 631.0 | 626.6 | 622.8 | 619.5 | 615.7 |
| 40° | 614.8 | 618.5 | 619.6 | 622.3 | 619.6 | 618.5 | 614.8 | 610.0 | 605.8 | 602.0 | 597.8 |
| 42.5° | 599.5 | 603.6 | 606.4 | 606.9 | 606.4 | 603.6 | 599.5 | 594.7 | 588.3 | 583.7 | 577.8 |
| 45° | 576.0 | 580.2 | 584.0 | 584.0 | 584.0 | 580.2 | 576.0 | 568.0 | 561.1 | 554.2 | 548.3 |
| 47.5° | 551.6 | 557.8 | 561.5 | 562.5 | 561.5 | 557.8 | 551.6 | 543.4 | 533.8 | 525.2 | 516.8 |
| 50° | 535.0 | 542.5 | 546.2 | 548.9 | 546.2 | 542.5 | 535.0 | 526.0 | 515.9 | 505.2 | 495.1 |
| 52.5° | 518.9 | 526.3 | 531.3 | 532.7 | 531.3 | 526.3 | 518.9 | 507.7 | 495.5 | 484.0 | 475.1 |
| 55° | 490.9 | 501.5 | 507.4 | 509.5 | 507.4 | 501.5 | 490.9 | 478.7 | 467.0 | 452.6 | 439.8 |
| 57.5° | 464.5 | 474.3 | 481.1 | 482.7 | 481.1 | 474.3 | 464.5 | 450.1 | 435.0 | 419.7 | 406.1 |
| 60° | 444.1 | 454.7 | 463.2 | 464.8 | 463.2 | 454.7 | 444.1 | 429.7 | 413.8 | 398.9 | 381.9 |
| 62.5° | 423.2 | 434.3 | 442.0 | 446.1 | 442.0 | 434.3 | 423.2 | 408.0 | 390.8 | 374.2 | 357.2 |
| 65° | 387.2 | 398.3 | 405.8 | 407.4 | 405.8 | 398.3 | 387.2 | 372.3 | 354.2 | 336.7 | 322.3 |
| 67.5° | 347.8 | 359.0 | 363.9 | 367.0 | 363.9 | 359.0 | 347.8 | 333.8 | 315.9 | 297.7 | 281.4 |
| 70° | 320.2 | 329.2 | 334.5 | 337.2 | 334.5 | 329.2 | 320.2 | 305.3 | 290.4 | 271.8 | 254.2 |
| 72.5° | 288.7 | 298.1 | 304.3 | 304.8 | 304.3 | 298.1 | 288.7 | 275.9 | 260.2 | 242.8 | 227.4 |
| 75° | 240.4 | 248.9 | 252.1 | 252.1 | 252.1 | 248.9 | 240.4 | 228.2 | 215.4 | 201.6 | 186.1 |
| 77.5° | 190.3 | 194.7 | 198.7 | 199.5 | 198.7 | 194.7 | 190.3 | 181.5 | 170.9 | 157.1 | 145.5 |
| 80° | 158.0 | 160.6 | 163.8 | 163.8 | 163.8 | 160.6 | 158.0 | 150.0 | 139.9 | 128.2 | 119.1 |
| 82.5° | 124.8 | 127.0 | 130.2 | 129.8 | 130.2 | 127.0 | 124.8 | 118.5 | 110.1 | 102.2 | 94.0 |
| 85° | 75.5 | 80.3 | 79.8 | 78.7 | 79.8 | 80.3 | 75.5 | 76.6 | 68.6 | 63.3 | 55.8 |
| 87.5° | 37.3 | 37.9 | 39.0 | 39.9 | 39.0 | 37.9 | 37.3 | 35.9 | 32.1 | 29.8 | 27.9 |
| 90° | 16.4 | 17.2 | 16.4 | 16.4 | 16.4 | 17.2 | 16.4 | 15.6 | 15.6 | 14.9 | 14.1 |
| 92.5° | 67.1 | 62.9 | 60.2 | 60.2 | 60.2 | 62.9 | 67.1 | 76.3 | 92.0 | 115.6 | 153.6 |
| 95° | 239.3 | 215.0 | 201.0 | 190.8 | 201.0 | 215.0 | 239.3 | 277.6 | 353.4 | 458.2 | 579.4 |
| 97.5° | 596.8 | 549.7 | 526.2 | 510.0 | 526.2 | 549.7 | 596.8 | 652.9 | 734.5 | 811.0 | 856.0 |
| 100° | 794.4 | 746.7 | 723.3 | 717.0 | 723.3 | 746.7 | 794.4 | 862.5 | 920.3 | 958.6 | 943.0 |
| 102.5° | 961.5 | 926.9 | 902.2 | 897.2 | 902.2 | 926.9 | 961.5 | 1003.2 | 1027.3 | 1016.2 | 938.6 |
| 105° | 1122.1 | 1115.8 | 1104.9 | 1100.2 | 1104.9 | 1115.8 | 1122.1 | 1120.5 | 1088.4 | 1011.0 | 875.8 |
| 107.5° | 1147.9 | 1165.7 | 1173.5 | 1175.5 | 1173.5 | 1165.7 | 1147.9 | 1109.2 | 1039.5 | 930.5 | 786.5 |
| 110° | 1122.8 | 1155.7 | 1169.8 | 1176.8 | 1169.8 | 1155.7 | 1122.8 | 1067.3 | 981.3 | 867.9 | 732.7 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1069.0 | 1108.8 | 1128.5 | 1139.9 | 1128.5 | 1108.8 | 1069.0 | 1006.0 | 920.0 | 812.9 | 693.3 |
| 115° | 978.2 | 1025.1 | 1050.1 | 1056.4 | 1050.1 | 1025.1 | 978.2 | 916.4 | 841.3 | 749.9 | 653.7 |
| 117.5° | 902.2 | 941.6 | 966.9 | 971.8 | 966.9 | 941.6 | 902.2 | 849.5 | 785.8 | 713.9 | 634.3 |
| 120° | 860.9 | 895.3 | 915.6 | 924.2 | 915.6 | 895.3 | 860.9 | 816.3 | 760.8 | 698.3 | 625.5 |
| 122.5° | 831.5 | 860.9 | 878.1 | 886.7 | 878.1 | 860.9 | 831.5 | 793.8 | 745.2 | 688.2 | 618.0 |
| 125° | 800.7 | 823.4 | 838.2 | 842.9 | 838.2 | 823.4 | 800.7 | 769.4 | 726.4 | 672.5 | 605.2 |
| 127.5° | 779.9 | 800.1 | 812.6 | 817.3 | 812.6 | 800.1 | 779.9 | 748.5 | 707.6 | 653.8 | 589.6 |
| 130° | 765.5 | 785.1 | 797.6 | 802.3 | 797.6 | 785.1 | 765.5 | 733.4 | 692.0 | 638.8 | 577.1 |
| 132.5° | 746.7 | 768.8 | 780.7 | 785.4 | 780.7 | 768.8 | 746.7 | 715.3 | 673.9 | 621.9 | 563.9 |
| 135° | 714.7 | 736.6 | 749.1 | 753.8 | 749.1 | 736.6 | 714.7 | 683.4 | 644.3 | 596.6 | 545.8 |
| 137.5° | 677.1 | 698.7 | 709.0 | 714.7 | 709.0 | 698.7 | 677.1 | 647.9 | 612.6 | 572.4 | 529.4 |
| 140° | 652.1 | 669.3 | 680.3 | 686.5 | 680.3 | 669.3 | 652.1 | 624.8 | 591.9 | 556.7 | 520.0 |
| 142.5° | 626.5 | 642.4 | 652.1 | 656.5 | 652.1 | 642.4 | 626.5 | 602.2 | 573.8 | 543.6 | 511.2 |
| 145° | 590.4 | 603.6 | 611.5 | 615.4 | 611.5 | 603.6 | 590.4 | 570.8 | 548.9 | 525.5 | 498.9 |
| 147.5° | 560.2 | 571.6 | 577.5 | 578.9 | 577.5 | 571.6 | 560.2 | 545.8 | 528.6 | 509.8 | 488.7 |
| 150° | 542.7 | 552.8 | 557.5 | 558.3 | 557.5 | 552.8 | 542.7 | 530.1 | 516.1 | 500.4 | 482.4 |
| 152.5° | 527.6 | 535.9 | 538.7 | 539.5 | 538.7 | 535.9 | 527.6 | 517.0 | 505.4 | 491.0 | 475.6 |
| 155° | 506.7 | 512.9 | 515.3 | 515.3 | 515.3 | 512.9 | 506.7 | 498.9 | 489.5 | 477.8 | 465.2 |
| 157.5° | 487.9 | 492.6 | 494.0 | 494.0 | 494.0 | 492.6 | 487.9 | 482.0 | 474.5 | 464.6 | 454.1 |
| 160° | 475.4 | 480.1 | 480.9 | 480.9 | 480.9 | 480.1 | 475.4 | 470.7 | 464.5 | 455.9 | 447.3 |
| 162.5° | 463.5 | 468.2 | 469.0 | 468.4 | 469.0 | 468.2 | 463.5 | 460.1 | 454.5 | 447.7 | 440.4 |
| 165° | 448.0 | 451.2 | 450.4 | 449.6 | 450.4 | 451.2 | 448.0 | 444.9 | 441.0 | 435.5 | 430.8 |
| 167.5° | 433.5 | 435.5 | 435.4 | 434.7 | 435.4 | 435.5 | 433.5 | 431.9 | 429.6 | 425.2 | 421.6 |
| 170° | 425.4 | 426.1 | 425.4 | 425.4 | 425.4 | 426.1 | 425.4 | 423.8 | 421.5 | 418.3 | 416.0 |
| 172.5° | 417.2 | 418.0 | 417.2 | 416.0 | 417.2 | 418.0 | 417.2 | 416.3 | 414.6 | 412.7 | 411.0 |
| 175° | 406.6 | 408.2 | 406.6 | 405.0 | 406.6 | 408.2 | 406.6 | 406.6 | 406.6 | 405.0 | 404.3 |
| 177.5° | 400.5 | 401.1 | 399.9 | 398.6 | 399.9 | 401.1 | 400.5 | 401.1 | 400.5 | 400.5 | 399.9 |
| 180° | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 |
| 2.5° | 1227.3 | 1229.0 | 1235.8 | 1242.2 | 1249.8 | 1255.4 | 1259.2 | 1263.4 | 1272.4 | 1279.6 | 1286.4 |
| 5° | 1149.8 | 1152.5 | 1166.3 | 1175.9 | 1192.4 | 1206.7 | 1217.9 | 1230.1 | 1244.5 | 1264.2 | 1282.3 |
| 7.5° | 1081.7 | 1091.5 | 1106.6 | 1122.2 | 1139.0 | 1157.8 | 1174.2 | 1192.6 | 1217.4 | 1244.4 | 1272.3 |
| 10° | 1042.9 | 1054.1 | 1070.1 | 1088.1 | 1104.1 | 1125.9 | 1146.1 | 1167.9 | 1196.1 | 1229.1 | 1262.1 |
| 12.5° | 1004.2 | 1022.6 | 1034.7 | 1056.2 | 1073.5 | 1091.4 | 1112.9 | 1141.5 | 1174.4 | 1209.1 | 1248.9 |
| 15° | 955.7 | 965.8 | 989.2 | 1000.9 | 1025.4 | 1053.0 | 1074.3 | 1103.0 | 1134.9 | 1180.7 | 1225.4 |
| 17.5° | 899.8 | 913.1 | 931.7 | 954.0 | 982.1 | 1003.7 | 1030.2 | 1059.7 | 1099.9 | 1145.4 | 1201.3 |
| 20° | 863.2 | 874.3 | 897.2 | 921.7 | 951.5 | 974.3 | 1002.5 | 1031.2 | 1072.7 | 1121.1 | 1179.6 |
| 22.5° | 830.4 | 841.2 | 865.3 | 888.1 | 917.0 | 945.0 | 974.4 | 1007.8 | 1047.6 | 1098.6 | 1158.3 |
| 25° | 779.7 | 794.0 | 815.3 | 838.7 | 866.4 | 898.3 | 930.2 | 960.0 | 1002.5 | 1056.2 | 1120.1 |
| 27.5° | 734.7 | 746.2 | 761.6 | 788.2 | 819.6 | 850.4 | 882.1 | 919.5 | 960.4 | 1017.2 | 1083.5 |
| 30° | 705.7 | 716.4 | 731.8 | 756.3 | 785.5 | 818.5 | 851.5 | 887.6 | 930.2 | 986.6 | 1054.1 |
| 32.5° | 682.8 | 690.9 | 704.6 | 726.5 | 753.2 | 787.9 | 820.4 | 857.9 | 902.5 | 958.1 | 1023.9 |
| 35° | 648.8 | 655.8 | 661.1 | 681.8 | 705.7 | 737.7 | 770.6 | 810.5 | 853.6 | 906.3 | 972.2 |
| 37.5° | 615.5 | 617.9 | 625.7 | 639.3 | 662.5 | 691.8 | 722.4 | 761.7 | 805.8 | 859.3 | 918.8 |
| 40° | 595.1 | 596.2 | 601.0 | 613.7 | 634.0 | 661.6 | 691.4 | 730.2 | 772.2 | 822.8 | 881.8 |
| 42.5° | 575.1 | 574.5 | 578.9 | 587.8 | 606.7 | 631.8 | 661.2 | 696.6 | 738.6 | 785.3 | 840.9 |
| 45° | 543.5 | 543.5 | 542.5 | 549.9 | 565.3 | 589.8 | 614.3 | 648.3 | 683.4 | 729.2 | 776.0 |
| 47.5° | 510.6 | 507.6 | 508.5 | 512.4 | 525.3 | 545.5 | 570.1 | 598.0 | 629.0 | 667.7 | 708.7 |
| 50° | 489.3 | 485.0 | 483.4 | 487.7 | 499.4 | 516.9 | 540.3 | 564.8 | 594.1 | 628.1 | 663.2 |
| 52.5° | 465.9 | 461.6 | 458.8 | 461.7 | 472.6 | 488.9 | 510.1 | 531.6 | 557.9 | 585.6 | 616.0 |
| 55° | 429.7 | 424.9 | 423.3 | 424.4 | 432.4 | 445.1 | 463.2 | 482.9 | 502.6 | 525.5 | 546.7 |
| 57.5° | 394.1 | 386.2 | 384.7 | 384.2 | 389.7 | 401.4 | 416.5 | 433.6 | 447.9 | 461.7 | 484.4 |
| 60° | 370.7 | 361.1 | 357.9 | 357.4 | 361.7 | 371.2 | 385.1 | 402.1 | 412.2 | 421.7 | 441.4 |
| 62.5° | 345.6 | 336.4 | 329.4 | 330.2 | 334.0 | 343.1 | 355.3 | 367.6 | 374.3 | 384.7 | 398.0 |
| 65° | 306.9 | 295.2 | 289.9 | 288.3 | 290.4 | 297.8 | 307.4 | 315.4 | 322.8 | 327.1 | 339.8 |
| 67.5° | 268.2 | 258.4 | 250.5 | 248.6 | 247.6 | 252.7 | 260.6 | 265.4 | 270.7 | 274.4 | 282.0 |
| 70° | 240.9 | 232.4 | 222.8 | 219.6 | 219.1 | 223.4 | 230.8 | 231.3 | 238.8 | 240.4 | 248.4 |
| 72.5° | 214.1 | 203.5 | 196.9 | 193.7 | 191.5 | 195.3 | 200.2 | 201.6 | 205.6 | 208.5 | 212.6 |
| 75° | 172.3 | 164.3 | 158.0 | 153.2 | 151.6 | 153.7 | 153.7 | 156.4 | 159.0 | 160.6 | 165.4 |
| 77.5° | 135.6 | 126.5 | 118.9 | 116.2 | 114.2 | 112.9 | 114.0 | 115.6 | 114.3 | 117.1 | 118.2 |
| 80° | 110.1 | 100.5 | 94.7 | 93.6 | 90.4 | 87.8 | 87.2 | 88.8 | 86.7 | 87.8 | 90.9 |
| 82.5° | 85.0 | 78.8 | 72.5 | 71.5 | 67.4 | 66.1 | 65.5 | 64.6 | 64.6 | 64.4 | 65.0 |
| 85° | 50.5 | 46.8 | 42.5 | 39.9 | 38.3 | 35.6 | 35.6 | 34.6 | 33.5 | 32.4 | 33.0 |
| 87.5° | 23.1 | 22.4 | 19.9 | 18.4 | 17.5 | 14.9 | 14.9 | 13.4 | 12.9 | 12.0 | 11.2 |
| 90° | 13.3 | 14.1 | 12.5 | 10.9 | 10.9 | 6.3 | 6.3 | 5.5 | 4.7 | 2.3 | 0.8 |
| 92.5° | 206.6 | 248.0 | 217.1 | 157.9 | 97.3 | 57.5 | 41.3 | 29.9 | 20.3 | 13.0 | 8.9 |
| 95° | 655.3 | 637.3 | 480.9 | 294.0 | 165.8 | 97.7 | 64.9 | 46.1 | 36.0 | 28.1 | 25.8 |
| 97.5° | 823.2 | 671.2 | 450.1 | 264.3 | 158.4 | 106.0 | 78.5 | 62.4 | 53.0 | 46.3 | 46.3 |
| 100° | 828.8 | 628.7 | 408.2 | 248.7 | 160.3 | 114.2 | 89.1 | 74.3 | 64.9 | 59.4 | 59.4 |
| 102.5° | 781.9 | 575.5 | 380.0 | 244.3 | 166.5 | 124.8 | 101.0 | 86.8 | 78.0 | 73.2 | 71.9 |
| 105° | 696.7 | 512.9 | 355.8 | 246.3 | 181.4 | 143.9 | 121.2 | 107.1 | 97.7 | 93.8 | 91.5 |
| 107.5° | 627.9 | 477.9 | 351.4 | 257.9 | 198.8 | 164.4 | 142.0 | 128.5 | 118.5 | 114.6 | 113.1 |
| 110° | 593.5 | 466.0 | 352.6 | 266.6 | 211.9 | 177.5 | 156.4 | 142.3 | 132.9 | 129.0 | 127.5 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 574.1 | 460.4 | 356.4 | 276.0 | 224.4 | 191.3 | 170.1 | 156.1 | 147.3 | 142.8 | 141.2 |
| 115° | 555.9 | 457.4 | 363.6 | 290.9 | 244.0 | 212.7 | 191.6 | 176.7 | 168.9 | 163.4 | 161.1 |
| 117.5° | 547.8 | 456.6 | 371.3 | 306.0 | 262.9 | 233.2 | 211.3 | 197.4 | 188.8 | 183.9 | 181.7 |
| 120° | 543.4 | 456.6 | 376.9 | 316.7 | 276.0 | 246.3 | 224.4 | 211.1 | 202.5 | 197.0 | 195.5 |
| 122.5° | 538.4 | 456.0 | 382.5 | 326.7 | 288.5 | 258.8 | 237.5 | 223.0 | 215.0 | 209.6 | 208.0 |
| 125° | 530.1 | 455.1 | 391.0 | 341.7 | 305.7 | 277.6 | 255.7 | 240.8 | 232.2 | 227.5 | 224.4 |
| 127.5° | 519.0 | 453.4 | 397.7 | 354.7 | 321.7 | 294.5 | 272.4 | 256.9 | 247.1 | 241.5 | 239.0 |
| 130° | 512.2 | 452.7 | 402.7 | 362.8 | 332.3 | 305.7 | 283.1 | 268.2 | 256.5 | 250.2 | 247.1 |
| 132.5° | 505.9 | 452.1 | 407.1 | 370.9 | 341.1 | 314.5 | 293.1 | 277.0 | 265.9 | 257.7 | 255.2 |
| 135° | 496.5 | 451.2 | 413.6 | 381.6 | 353.4 | 327.6 | 307.3 | 290.9 | 277.6 | 269.8 | 266.6 |
| 137.5° | 488.4 | 451.0 | 417.5 | 389.1 | 362.8 | 338.7 | 319.3 | 302.3 | 289.6 | 281.0 | 278.1 |
| 140° | 484.0 | 450.4 | 420.7 | 394.1 | 369.1 | 345.6 | 326.8 | 310.4 | 297.1 | 288.5 | 286.2 |
| 142.5° | 480.3 | 450.4 | 423.2 | 397.8 | 374.7 | 351.9 | 333.7 | 317.9 | 305.3 | 297.3 | 294.9 |
| 145° | 473.8 | 448.8 | 424.6 | 401.9 | 380.8 | 360.5 | 343.3 | 328.4 | 317.5 | 309.6 | 307.3 |
| 147.5° | 468.1 | 446.0 | 425.4 | 405.5 | 387.1 | 368.0 | 352.5 | 340.1 | 328.9 | 322.0 | 321.2 |
| 150° | 463.7 | 444.1 | 425.4 | 407.4 | 390.2 | 373.0 | 358.1 | 346.4 | 337.0 | 330.8 | 330.0 |
| 152.5° | 458.7 | 441.0 | 424.1 | 408.6 | 392.7 | 377.4 | 363.8 | 353.3 | 344.5 | 338.3 | 338.1 |
| 155° | 451.2 | 436.3 | 422.2 | 409.7 | 396.4 | 383.1 | 371.4 | 362.8 | 355.0 | 350.3 | 349.5 |
| 157.5° | 443.5 | 431.5 | 420.2 | 409.7 | 399.1 | 387.8 | 378.6 | 371.1 | 365.0 | 360.6 | 360.6 |
| 160° | 437.9 | 427.7 | 418.3 | 409.7 | 400.3 | 391.0 | 382.4 | 376.1 | 370.6 | 367.5 | 367.5 |
| 162.5° | 432.9 | 424.0 | 416.5 | 409.7 | 401.6 | 392.8 | 386.1 | 380.5 | 375.6 | 373.1 | 373.8 |
| 165° | 424.6 | 418.3 | 412.9 | 408.2 | 401.9 | 394.9 | 390.2 | 386.3 | 382.4 | 380.8 | 380.8 |
| 167.5° | 417.1 | 412.7 | 409.1 | 406.3 | 401.8 | 396.6 | 393.0 | 390.8 | 387.8 | 387.1 | 387.8 |
| 170° | 412.1 | 408.9 | 406.6 | 405.0 | 401.1 | 397.2 | 394.9 | 393.3 | 391.0 | 390.2 | 391.0 |
| 172.5° | 407.7 | 405.2 | 404.1 | 403.8 | 400.5 | 397.8 | 396.1 | 395.2 | 393.5 | 393.3 | 394.1 |
| 175° | 402.7 | 401.1 | 401.1 | 401.9 | 399.6 | 398.0 | 398.0 | 397.2 | 396.4 | 396.4 | 397.2 |
| 177.5° | 399.2 | 398.6 | 398.6 | 399.9 | 398.6 | 398.0 | 398.0 | 398.0 | 397.4 | 398.0 | 398.6 |
| 180° | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 |
| 2.5° | 1292.4 | 1296.6 | 1302.2 | 1311.5 | 1314.9 | 1319.2 | 1325.1 | 1324.7 | 1326.4 | 1332.8 | 1346.4 |
| 5° | 1297.2 | 1313.6 | 1329.6 | 1348.7 | 1369.0 | 1382.2 | 1400.3 | 1411.5 | 1422.7 | 1437.0 | 1461.5 |
| 7.5° | 1299.1 | 1325.2 | 1354.5 | 1388.1 | 1418.0 | 1452.5 | 1479.4 | 1504.7 | 1527.5 | 1557.9 | 1587.0 |
| 10° | 1296.1 | 1331.2 | 1369.0 | 1411.5 | 1456.7 | 1495.0 | 1529.6 | 1568.9 | 1602.4 | 1639.1 | 1672.1 |
| 12.5° | 1290.6 | 1332.9 | 1383.4 | 1431.1 | 1483.9 | 1540.5 | 1583.6 | 1623.4 | 1668.0 | 1710.2 | 1761.0 |
| 15° | 1278.0 | 1336.0 | 1395.0 | 1457.8 | 1528.5 | 1593.9 | 1656.1 | 1707.7 | 1755.6 | 1818.9 | 1885.4 |
| 17.5° | 1262.1 | 1324.6 | 1399.1 | 1475.0 | 1548.9 | 1623.7 | 1700.7 | 1778.3 | 1838.7 | 1917.3 | 1969.3 |
| 20° | 1247.2 | 1319.5 | 1396.1 | 1486.5 | 1560.4 | 1653.5 | 1730.1 | 1805.1 | 1888.0 | 1966.2 | 2028.4 |
| 22.5° | 1226.3 | 1305.5 | 1386.7 | 1476.7 | 1574.0 | 1667.1 | 1755.6 | 1837.0 | 1919.9 | 2004.9 | 2080.3 |
| 25° | 1199.8 | 1271.6 | 1367.9 | 1470.0 | 1566.8 | 1667.8 | 1769.4 | 1871.5 | 1960.9 | 2050.8 | 2121.0 |
| 27.5° | 1154.7 | 1245.4 | 1335.0 | 1440.4 | 1548.0 | 1662.3 | 1770.9 | 1877.8 | 1971.4 | 2045.3 | 2088.8 |
| 30° | 1131.8 | 1210.5 | 1307.8 | 1413.6 | 1530.1 | 1653.0 | 1766.2 | 1871.0 | 1958.2 | 2017.3 | 2034.8 |
| 32.5° | 1097.7 | 1179.0 | 1274.2 | 1383.8 | 1507.1 | 1633.4 | 1751.3 | 1850.2 | 1922.9 | 1953.9 | 1932.7 |
| 35° | 1047.2 | 1120.6 | 1216.8 | 1329.1 | 1457.2 | 1591.8 | 1708.3 | 1791.8 | 1829.0 | 1799.7 | 1726.9 |
| 37.5° | 986.6 | 1059.3 | 1156.0 | 1266.2 | 1398.8 | 1535.6 | 1640.9 | 1701.0 | 1688.7 | 1615.9 | 1507.3 |
| 40° | 944.0 | 1012.1 | 1104.1 | 1223.2 | 1352.5 | 1489.7 | 1582.2 | 1614.7 | 1580.6 | 1476.4 | 1361.0 |
| 42.5° | 896.8 | 963.2 | 1055.6 | 1170.5 | 1307.4 | 1433.9 | 1514.6 | 1517.2 | 1460.2 | 1335.6 | 1219.7 |
| 45° | 824.9 | 888.2 | 975.4 | 1095.1 | 1221.6 | 1340.8 | 1393.9 | 1367.9 | 1262.6 | 1142.4 | 1025.9 |
| 47.5° | 753.9 | 808.8 | 894.8 | 1008.4 | 1128.6 | 1228.9 | 1255.2 | 1208.3 | 1096.1 | 979.4 | 871.5 |
| 50° | 702.0 | 757.3 | 838.2 | 946.7 | 1062.6 | 1149.3 | 1162.1 | 1099.8 | 989.8 | 872.2 | 787.7 |
| 52.5° | 652.2 | 707.1 | 785.0 | 885.4 | 991.6 | 1069.7 | 1070.2 | 998.2 | 888.5 | 783.7 | 705.1 |
| 55° | 579.2 | 628.6 | 698.8 | 788.7 | 883.4 | 944.5 | 929.7 | 855.2 | 760.0 | 669.1 | 600.4 |
| 57.5° | 508.8 | 551.8 | 616.5 | 691.5 | 774.9 | 825.3 | 800.6 | 728.9 | 643.9 | 566.8 | 514.8 |
| 60° | 463.2 | 504.2 | 559.5 | 630.2 | 700.4 | 739.8 | 716.4 | 651.5 | 573.3 | 511.1 | 465.9 |
| 62.5° | 419.0 | 453.6 | 506.7 | 568.1 | 633.2 | 662.4 | 641.5 | 577.5 | 509.9 | 453.7 | 417.0 |
| 65° | 356.3 | 384.5 | 427.1 | 479.7 | 527.1 | 552.0 | 534.5 | 474.9 | 423.3 | 382.9 | 353.7 |
| 67.5° | 297.8 | 319.8 | 352.1 | 394.3 | 434.5 | 448.0 | 432.1 | 390.6 | 346.9 | 314.5 | 293.9 |
| 70° | 257.4 | 278.2 | 305.3 | 337.7 | 372.8 | 387.2 | 371.2 | 338.2 | 302.6 | 272.8 | 252.6 |
| 72.5° | 222.1 | 238.2 | 261.0 | 288.8 | 316.2 | 330.6 | 319.7 | 288.0 | 257.9 | 235.8 | 218.6 |
| 75° | 169.1 | 183.0 | 198.9 | 218.6 | 239.9 | 249.4 | 239.9 | 218.1 | 197.3 | 180.8 | 168.6 |
| 77.5° | 123.0 | 130.4 | 142.7 | 157.4 | 170.7 | 178.1 | 169.8 | 155.0 | 142.3 | 131.0 | 125.0 |
| 80° | 93.6 | 98.9 | 107.4 | 119.1 | 128.2 | 135.1 | 129.8 | 117.5 | 107.4 | 100.0 | 97.3 |
| 82.5° | 68.1 | 71.7 | 77.2 | 85.9 | 92.0 | 95.5 | 93.2 | 84.3 | 80.2 | 73.6 | 70.9 |
| 85° | 33.5 | 35.6 | 39.4 | 42.0 | 47.3 | 47.9 | 48.4 | 44.7 | 41.0 | 39.4 | 37.2 |
| 87.5° | 12.0 | 12.9 | 14.3 | 15.7 | 17.4 | 18.8 | 18.4 | 18.7 | 17.3 | 16.7 | 15.2 |
| 90° | 2.3 | 4.7 | 5.5 | 6.3 | 6.3 | 10.9 | 10.9 | 12.5 | 14.1 | 13.3 | 14.1 |
| 92.5° | 13.0 | 20.3 | 29.9 | 41.3 | 57.5 | 97.3 | 157.9 | 217.1 | 248.0 | 206.6 | 153.6 |
| 95° | 28.1 | 36.0 | 46.1 | 64.9 | 97.7 | 165.8 | 294.0 | 480.9 | 637.3 | 655.3 | 579.4 |
| 97.5° | 46.3 | 53.0 | 62.4 | 78.5 | 106.0 | 158.4 | 264.3 | 450.1 | 671.2 | 823.2 | 856.0 |
| 100° | 59.4 | 64.9 | 74.3 | 89.1 | 114.2 | 160.3 | 248.7 | 408.2 | 628.7 | 828.8 | 943.0 |
| 102.5° | 73.2 | 78.0 | 86.8 | 101.0 | 124.8 | 166.5 | 244.3 | 380.0 | 575.5 | 781.9 | 938.6 |
| 105° | 93.8 | 97.7 | 107.1 | 121.2 | 143.9 | 181.4 | 246.3 | 355.8 | 512.9 | 696.7 | 875.8 |
| 107.5° | 114.6 | 118.5 | 128.5 | 142.0 | 164.4 | 198.8 | 257.9 | 351.4 | 477.9 | 627.9 | 786.5 |
| 110° | 129.0 | 132.9 | 142.3 | 156.4 | 177.5 | 211.9 | 266.6 | 352.6 | 466.0 | 593.5 | 732.7 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 142.8 | 147.3 | 156.1 | 170.1 | 191.3 | 224.4 | 276.0 | 356.4 | 460.4 | 574.1 | 693.3 |
| 115° | 163.4 | 168.9 | 176.7 | 191.6 | 212.7 | 244.0 | 290.9 | 363.6 | 457.4 | 555.9 | 653.7 |
| 117.5° | 183.9 | 188.8 | 197.4 | 211.3 | 233.2 | 262.9 | 306.0 | 371.3 | 456.6 | 547.8 | 634.3 |
| 120° | 197.0 | 202.5 | 211.1 | 224.4 | 246.3 | 276.0 | 316.7 | 376.9 | 456.6 | 543.4 | 625.5 |
| 122.5° | 209.6 | 215.0 | 223.0 | 237.5 | 258.8 | 288.5 | 326.7 | 382.5 | 456.0 | 538.4 | 618.0 |
| 125° | 227.5 | 232.2 | 240.8 | 255.7 | 277.6 | 305.7 | 341.7 | 391.0 | 455.1 | 530.1 | 605.2 |
| 127.5° | 241.5 | 247.1 | 256.9 | 272.4 | 294.5 | 321.7 | 354.7 | 397.7 | 453.4 | 519.0 | 589.6 |
| 130° | 250.2 | 256.5 | 268.2 | 283.1 | 305.7 | 332.3 | 362.8 | 402.7 | 452.7 | 512.2 | 577.1 |
| 132.5° | 257.7 | 265.9 | 277.0 | 293.1 | 314.5 | 341.1 | 370.9 | 407.1 | 452.1 | 505.9 | 563.9 |
| 135° | 269.8 | 277.6 | 290.9 | 307.3 | 327.6 | 353.4 | 381.6 | 413.6 | 451.2 | 496.5 | 545.8 |
| 137.5° | 281.0 | 289.6 | 302.3 | 319.3 | 338.7 | 362.8 | 389.1 | 417.5 | 451.0 | 488.4 | 529.4 |
| 140° | 288.5 | 297.1 | 310.4 | 326.8 | 345.6 | 369.1 | 394.1 | 420.7 | 450.4 | 484.0 | 520.0 |
| 142.5° | 297.3 | 305.3 | 317.9 | 333.7 | 351.9 | 374.7 | 397.8 | 423.2 | 450.4 | 480.3 | 511.2 |
| 145° | 309.6 | 317.5 | 328.4 | 343.3 | 360.5 | 380.8 | 401.9 | 424.6 | 448.8 | 473.8 | 498.9 |
| 147.5° | 322.0 | 328.9 | 340.1 | 352.5 | 368.0 | 387.1 | 405.5 | 425.4 | 446.0 | 468.1 | 488.7 |
| 150° | 330.8 | 337.0 | 346.4 | 358.1 | 373.0 | 390.2 | 407.4 | 425.4 | 444.1 | 463.7 | 482.4 |
| 152.5° | 338.3 | 344.5 | 353.3 | 363.8 | 377.4 | 392.7 | 408.6 | 424.1 | 441.0 | 458.7 | 475.6 |
| 155° | 350.3 | 355.0 | 362.8 | 371.4 | 383.1 | 396.4 | 409.7 | 422.2 | 436.3 | 451.2 | 465.2 |
| 157.5° | 360.6 | 365.0 | 371.1 | 378.6 | 387.8 | 399.1 | 409.7 | 420.2 | 431.5 | 443.5 | 454.1 |
| 160° | 367.5 | 370.6 | 376.1 | 382.4 | 391.0 | 400.3 | 409.7 | 418.3 | 427.7 | 437.9 | 447.3 |
| 162.5° | 373.1 | 375.6 | 380.5 | 386.1 | 392.8 | 401.6 | 409.7 | 416.5 | 424.0 | 432.9 | 440.4 |
| 165° | 380.8 | 382.4 | 386.3 | 390.2 | 394.9 | 401.9 | 408.2 | 412.9 | 418.3 | 424.6 | 430.8 |
| 167.5° | 387.1 | 387.8 | 390.8 | 393.0 | 396.6 | 401.8 | 406.3 | 409.1 | 412.7 | 417.1 | 421.6 |
| 170° | 390.2 | 391.0 | 393.3 | 394.9 | 397.2 | 401.1 | 405.0 | 406.6 | 408.9 | 412.1 | 416.0 |
| 172.5° | 393.3 | 393.5 | 395.2 | 396.1 | 397.8 | 400.5 | 403.8 | 404.1 | 405.2 | 407.7 | 411.0 |
| 175° | 396.4 | 396.4 | 397.2 | 398.0 | 398.0 | 399.6 | 401.9 | 401.1 | 401.1 | 402.7 | 404.3 |
| 177.5° | 398.0 | 397.4 | 398.0 | 398.0 | 398.0 | 398.6 | 399.9 | 398.6 | 398.6 | 399.2 | 399.9 |
| 180° | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 | 1283.9 |
| 2.5° | 1353.2 | 1354.1 | 1357.9 | 1360.9 | 1361.7 | 1366.0 | 1366.4 |
| 5° | 1472.1 | 1481.2 | 1498.7 | 1500.3 | 1503.0 | 1516.8 | 1506.2 |
| 7.5° | 1611.5 | 1634.4 | 1649.8 | 1663.3 | 1668.2 | 1674.2 | 1673.0 |
| 10° | 1700.8 | 1734.9 | 1751.9 | 1779.0 | 1780.1 | 1787.0 | 1782.7 |
| 12.5° | 1790.6 | 1830.2 | 1861.2 | 1866.2 | 1889.0 | 1892.5 | 1898.5 |
| 15° | 1917.8 | 1959.8 | 2002.9 | 2018.3 | 2049.7 | 2057.2 | 2068.9 |
| 17.5° | 2037.4 | 2080.3 | 2110.5 | 2150.4 | 2163.3 | 2180.5 | 2168.8 |
| 20° | 2102.9 | 2149.7 | 2188.0 | 2219.4 | 2232.7 | 2242.2 | 2241.2 |
| 22.5° | 2142.5 | 2189.7 | 2220.7 | 2244.5 | 2256.9 | 2261.0 | 2260.7 |
| 25° | 2167.2 | 2194.4 | 2203.9 | 2213.0 | 2199.2 | 2194.4 | 2196.5 |
| 27.5° | 2098.3 | 2091.3 | 2066.3 | 2033.5 | 1999.5 | 1972.5 | 1957.8 |
| 30° | 2003.4 | 1962.0 | 1924.2 | 1858.2 | 1824.2 | 1804.0 | 1785.9 |
| 32.5° | 1869.0 | 1803.3 | 1730.6 | 1670.2 | 1631.5 | 1601.5 | 1597.0 |
| 35° | 1638.6 | 1539.7 | 1450.9 | 1376.9 | 1338.6 | 1306.2 | 1298.7 |
| 37.5° | 1393.1 | 1290.3 | 1210.4 | 1145.3 | 1104.1 | 1081.2 | 1059.8 |
| 40° | 1230.1 | 1141.9 | 1063.1 | 1007.8 | 976.5 | 960.0 | 946.7 |
| 42.5° | 1104.6 | 1024.0 | 945.7 | 903.6 | 875.2 | 865.1 | 857.3 |
| 45° | 931.2 | 856.3 | 802.0 | 770.1 | 753.6 | 736.6 | 728.6 |
| 47.5° | 792.4 | 731.4 | 695.6 | 668.5 | 650.9 | 640.8 | 635.7 |
| 50° | 713.7 | 663.7 | 631.8 | 611.1 | 595.1 | 587.1 | 582.9 |
| 52.5° | 643.9 | 602.9 | 576.1 | 559.6 | 548.8 | 542.9 | 541.2 |
| 55° | 554.7 | 523.3 | 506.3 | 492.0 | 484.0 | 478.7 | 476.5 |
| 57.5° | 482.2 | 458.0 | 444.2 | 432.4 | 429.3 | 424.8 | 423.3 |
| 60° | 434.5 | 415.9 | 404.2 | 396.2 | 393.6 | 388.2 | 389.3 |
| 62.5° | 392.4 | 377.2 | 367.2 | 362.6 | 359.1 | 354.6 | 356.1 |
| 65° | 331.9 | 320.7 | 315.4 | 311.1 | 306.9 | 304.2 | 306.3 |
| 67.5° | 278.5 | 270.8 | 263.6 | 261.1 | 259.0 | 258.6 | 256.3 |
| 70° | 243.6 | 237.2 | 230.8 | 229.2 | 229.2 | 227.1 | 226.6 |
| 72.5° | 210.0 | 205.3 | 201.0 | 199.9 | 198.2 | 199.0 | 196.8 |
| 75° | 162.2 | 158.5 | 156.9 | 155.3 | 154.8 | 154.8 | 153.2 |
| 77.5° | 119.9 | 117.1 | 114.6 | 114.6 | 112.6 | 111.9 | 111.7 |
| 80° | 90.9 | 89.9 | 87.8 | 87.8 | 86.7 | 87.2 | 86.2 |
| 82.5° | 68.4 | 66.9 | 66.5 | 65.6 | 64.1 | 64.2 | 63.2 |
| 85° | 36.7 | 35.1 | 34.6 | 33.0 | 31.9 | 33.0 | 31.9 |
| 87.5° | 15.7 | 15.5 | 15.0 | 14.3 | 14.1 | 13.9 | 12.6 |
| 90° | 14.9 | 15.6 | 15.6 | 16.4 | 17.2 | 16.4 | 16.4 |
| 92.5° | 115.6 | 92.0 | 76.3 | 67.1 | 62.9 | 60.2 | 60.2 |
| 95° | 458.2 | 353.4 | 277.6 | 239.3 | 215.0 | 201.0 | 190.8 |
| 97.5° | 811.0 | 734.5 | 652.9 | 596.8 | 549.7 | 526.2 | 510.0 |
| 100° | 958.6 | 920.3 | 862.5 | 794.4 | 746.7 | 723.3 | 717.0 |
| 102.5° | 1016.2 | 1027.3 | 1003.2 | 961.5 | 926.9 | 902.2 | 897.2 |
| 105° | 1011.0 | 1088.4 | 1120.5 | 1122.1 | 1115.8 | 1104.9 | 1100.2 |
| 107.5° | 930.5 | 1039.5 | 1109.2 | 1147.9 | 1165.7 | 1173.5 | 1175.5 |
| 110° | 867.9 | 981.3 | 1067.3 | 1122.8 | 1155.7 | 1169.8 | 1176.8 |



TEST NUMBER: P332600

CATALOG NUMBER: SA4XXDIP-C795D810U835-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 812.9 | 920.0 | 1006.0 | 1069.0 | 1108.8 | 1128.5 | 1139.9 |
| 115° | 749.9 | 841.3 | 916.4 | 978.2 | 1025.1 | 1050.1 | 1056.4 |
| 117.5° | 713.9 | 785.8 | 849.5 | 902.2 | 941.6 | 966.9 | 971.8 |
| 120° | 698.3 | 760.8 | 816.3 | 860.9 | 895.3 | 915.6 | 924.2 |
| 122.5° | 688.2 | 745.2 | 793.8 | 831.5 | 860.9 | 878.1 | 886.7 |
| 125° | 672.5 | 726.4 | 769.4 | 800.7 | 823.4 | 838.2 | 842.9 |
| 127.5° | 653.8 | 707.6 | 748.5 | 779.9 | 800.1 | 812.6 | 817.3 |
| 130° | 638.8 | 692.0 | 733.4 | 765.5 | 785.1 | 797.6 | 802.3 |
| 132.5° | 621.9 | 673.9 | 715.3 | 746.7 | 768.8 | 780.7 | 785.4 |
| 135° | 596.6 | 644.3 | 683.4 | 714.7 | 736.6 | 749.1 | 753.8 |
| 137.5° | 572.4 | 612.6 | 647.9 | 677.1 | 698.7 | 709.0 | 714.7 |
| 140° | 556.7 | 591.9 | 624.8 | 652.1 | 669.3 | 680.3 | 686.5 |
| 142.5° | 543.6 | 573.8 | 602.2 | 626.5 | 642.4 | 652.1 | 656.5 |
| 145° | 525.5 | 548.9 | 570.8 | 590.4 | 603.6 | 611.5 | 615.4 |
| 147.5° | 509.8 | 528.6 | 545.8 | 560.2 | 571.6 | 577.5 | 578.9 |
| 150° | 500.4 | 516.1 | 530.1 | 542.7 | 552.8 | 557.5 | 558.3 |
| 152.5° | 491.0 | 505.4 | 517.0 | 527.6 | 535.9 | 538.7 | 539.5 |
| 155° | 477.8 | 489.5 | 498.9 | 506.7 | 512.9 | 515.3 | 515.3 |
| 157.5° | 464.6 | 474.5 | 482.0 | 487.9 | 492.6 | 494.0 | 494.0 |
| 160° | 455.9 | 464.5 | 470.7 | 475.4 | 480.1 | 480.9 | 480.9 |
| 162.5° | 447.7 | 454.5 | 460.1 | 463.5 | 468.2 | 469.0 | 468.4 |
| 165° | 435.5 | 441.0 | 444.9 | 448.0 | 451.2 | 450.4 | 449.6 |
| 167.5° | 425.2 | 429.6 | 431.9 | 433.5 | 435.5 | 435.4 | 434.7 |
| 170° | 418.3 | 421.5 | 423.8 | 425.4 | 426.1 | 425.4 | 425.4 |
| 172.5° | 412.7 | 414.6 | 416.3 | 417.2 | 418.0 | 417.2 | 416.0 |
| 175° | 405.0 | 406.6 | 406.6 | 406.6 | 408.2 | 406.6 | 405.0 |
| 177.5° | 400.5 | 400.5 | 401.1 | 400.5 | 401.1 | 399.9 | 398.6 |
| 180° | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 | 398.0 |

(END OF REPORT)