

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: P331531

Luminaire Tested: **S122DIW-S675D710U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331531
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S122DIW-S675D710U835-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 675 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 710 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5768.0 lumens
Efficiency: N/A
Efficacy: 128.2 lumens/watt
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

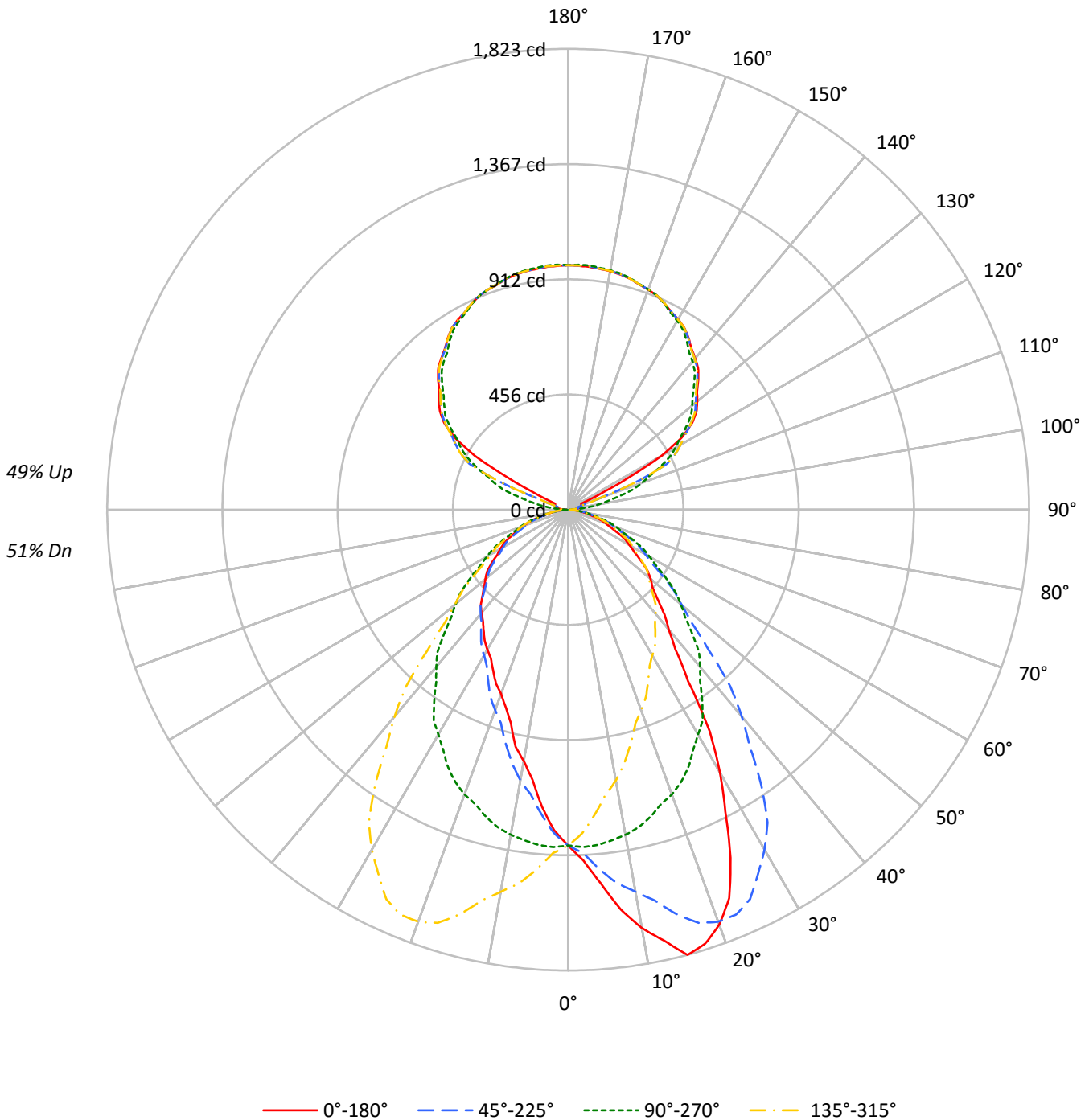
Input Watts (W): 45
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

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 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 70 | 70 | 70 | 57 | 57 | 57 | 51 |
| 1 | 98 | 94 | 91 | 87 | 91 | 87 | 84 | 81 | 74 | 72 | 70 | 62 | 61 | 59 | 51 | 50 | 49 | 44 |
| 2 | 90 | 83 | 77 | 72 | 83 | 77 | 72 | 67 | 66 | 62 | 59 | 55 | 52 | 50 | 46 | 44 | 42 | 37 |
| 3 | 82 | 73 | 66 | 61 | 76 | 68 | 62 | 57 | 58 | 54 | 50 | 49 | 46 | 43 | 41 | 38 | 36 | 32 |
| 4 | 76 | 65 | 58 | 52 | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 37 | 34 | 32 | 28 |
| 5 | 70 | 58 | 50 | 45 | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 40 | 36 | 33 | 33 | 30 | 28 | 25 |
| 6 | 64 | 53 | 45 | 39 | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 25 | 22 |
| 7 | 60 | 48 | 40 | 34 | 55 | 45 | 38 | 33 | 39 | 33 | 29 | 33 | 29 | 26 | 28 | 25 | 22 | 20 |
| 8 | 55 | 43 | 36 | 31 | 51 | 41 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 26 | 23 | 20 | 18 |
| 9 | 52 | 40 | 32 | 27 | 48 | 37 | 31 | 26 | 33 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 | 16 |
| 10 | 48 | 37 | 29 | 25 | 45 | 34 | 28 | 24 | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 21447 | 21447 | 21447 | 21447 |
| 5° | 24044 | 21585 | 19128 | 21585 |
| 10° | 27552 | 21408 | 16554 | 21408 |
| 15° | 30479 | 21016 | 14626 | 21016 |
| 20° | 30015 | 20594 | 13332 | 20594 |
| 25° | 27064 | 20035 | 12513 | 20035 |
| 30° | 22365 | 19140 | 11915 | 19140 |
| 35° | 16301 | 18203 | 11491 | 18203 |
| 40° | 13019 | 17098 | 11255 | 17098 |
| 45° | 11376 | 15817 | 10933 | 15817 |
| 50° | 10693 | 14579 | 10721 | 14579 |
| 55° | 9858 | 13320 | 10432 | 13320 |
| 60° | 9032 | 11983 | 9991 | 11983 |
| 65° | 8229 | 10785 | 9555 | 10785 |
| 70° | 7468 | 9616 | 8917 | 9616 |
| 75° | 6625 | 8309 | 7898 | 8309 |
| 80° | 5700 | 6881 | 6360 | 6881 |
| 85° | 5113 | 5113 | 3779 | 5113 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 126.5 | 2.2 |
| 10°-20° | 367.8 | 6.4 |
| 20°-30° | 533.7 | 9.3 |
| 30°-40° | 563.2 | 9.8 |
| 40°-50° | 498.7 | 8.6 |
| 50°-60° | 398.0 | 6.9 |
| 60°-70° | 270.5 | 4.7 |
| 70°-80° | 138.7 | 2.4 |
| 80°-90° | 35.8 | 0.6 |
| 90°-100° | 32.3 | 0.6 |
| 100°-110° | 118.3 | 2.1 |
| 110°-120° | 316.3 | 5.5 |
| 120°-130° | 522.2 | 9.1 |
| 130°-140° | 555.4 | 9.6 |
| 140°-150° | 516.2 | 8.9 |
| 150°-160° | 415.0 | 7.2 |
| 160°-170° | 267.4 | 4.6 |
| 170°-180° | 92.1 | 1.6 |
| 0°-30° | 1028.0 | 17.8 |
| 0°-40° | 1591.2 | 27.6 |
| 0°-60° | 2487.8 | 43.1 |
| 0°-90° | 2932.8 | 50.8 |
| 90°-120° | 467.0 | 8.1 |
| 90°-150° | 2060.7 | 35.7 |
| 90°-180° | 2835.0 | 49.2 |
| 0°-180° | 5768.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1328 | 1328 | 1328 | 1328 | 1328 | |
| 5° | 1484 | 1332 | 1180 | 1332 | 1484 | 148 |
| 15° | 1823 | 1257 | 875 | 1257 | 1823 | 503 |
| 25° | 1519 | 1125 | 702 | 1125 | 1519 | 687 |
| 35° | 827 | 924 | 583 | 924 | 827 | 538 |
| 45° | 498 | 693 | 479 | 693 | 498 | 392 |
| 55° | 350 | 473 | 371 | 473 | 350 | 314 |
| 65° | 215 | 282 | 250 | 282 | 215 | 214 |
| 75° | 106 | 133 | 127 | 133 | 106 | 113 |
| 85° | 28 | 28 | 20 | 28 | 28 | 31 |
| 90° | 19 | 1 | 19 | 1 | 19 | 10 |
| 95° | 30 | 46 | 30 | 46 | 30 | 28 |
| 105° | 53 | 213 | 53 | 213 | 53 | 55 |
| 115° | 57 | 402 | 57 | 402 | 57 | 144 |
| 125° | 598 | 569 | 598 | 569 | 598 | 518 |
| 135° | 727 | 704 | 727 | 704 | 727 | 561 |
| 145° | 830 | 817 | 830 | 817 | 830 | 519 |
| 155° | 900 | 900 | 900 | 900 | 900 | 415 |
| 165° | 946 | 948 | 946 | 948 | 946 | 267 |
| 175° | 964 | 970 | 964 | 970 | 964 | 92 |
| 180° | 968 | 968 | 968 | 968 | 968 | |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 |
| 2.5° | 1389.5 | 1389.9 | 1390.8 | 1384.2 | 1383.4 | 1383.4 | 1377.7 | 1372.8 | 1367.1 | 1359.3 | 1360.1 |
| 5° | 1483.5 | 1489.1 | 1491.1 | 1485.0 | 1475.8 | 1474.8 | 1466.1 | 1451.8 | 1438.5 | 1427.8 | 1420.2 |
| 7.5° | 1595.6 | 1597.8 | 1592.8 | 1584.7 | 1577.9 | 1565.7 | 1549.5 | 1533.7 | 1511.5 | 1491.2 | 1476.1 |
| 10° | 1680.5 | 1683.6 | 1674.9 | 1663.2 | 1653.5 | 1639.2 | 1615.7 | 1591.7 | 1562.6 | 1534.5 | 1512.0 |
| 12.5° | 1745.0 | 1752.6 | 1741.5 | 1739.9 | 1723.3 | 1703.7 | 1675.7 | 1663.6 | 1622.6 | 1583.5 | 1559.4 |
| 15° | 1823.4 | 1822.9 | 1824.0 | 1814.3 | 1802.0 | 1798.9 | 1769.3 | 1737.2 | 1679.5 | 1656.5 | 1616.7 |
| 17.5° | 1800.8 | 1808.5 | 1812.1 | 1812.0 | 1811.7 | 1809.8 | 1800.3 | 1780.0 | 1751.1 | 1713.8 | 1667.8 |
| 20° | 1746.9 | 1757.1 | 1758.6 | 1770.4 | 1777.0 | 1785.7 | 1789.2 | 1783.6 | 1765.8 | 1734.6 | 1694.8 |
| 22.5° | 1663.6 | 1666.4 | 1671.2 | 1689.5 | 1703.9 | 1725.6 | 1737.0 | 1755.9 | 1749.0 | 1733.8 | 1700.5 |
| 25° | 1519.2 | 1514.1 | 1532.0 | 1541.1 | 1574.3 | 1609.0 | 1634.1 | 1661.6 | 1686.1 | 1700.9 | 1691.2 |
| 27.5° | 1345.8 | 1338.2 | 1364.9 | 1389.3 | 1416.3 | 1453.9 | 1492.9 | 1538.9 | 1577.2 | 1625.1 | 1641.5 |
| 30° | 1199.6 | 1204.2 | 1229.8 | 1255.8 | 1296.6 | 1349.7 | 1393.6 | 1444.2 | 1498.8 | 1552.4 | 1589.6 |
| 32.5° | 1042.0 | 1059.7 | 1075.8 | 1115.7 | 1151.6 | 1210.9 | 1275.2 | 1338.4 | 1406.5 | 1467.4 | 1525.1 |
| 35° | 827.0 | 847.4 | 869.9 | 899.0 | 949.5 | 1008.2 | 1071.0 | 1156.2 | 1249.2 | 1332.4 | 1400.8 |
| 37.5° | 696.1 | 692.8 | 705.7 | 726.7 | 767.7 | 815.0 | 887.3 | 971.6 | 1080.9 | 1178.7 | 1275.2 |
| 40° | 617.7 | 615.6 | 624.8 | 644.2 | 675.4 | 710.1 | 773.4 | 847.4 | 949.0 | 1068.4 | 1183.3 |
| 42.5° | 563.8 | 565.0 | 570.1 | 583.8 | 605.1 | 633.7 | 681.1 | 744.1 | 837.1 | 949.6 | 1073.0 |
| 45° | 498.2 | 501.8 | 507.4 | 514.1 | 526.3 | 549.8 | 576.3 | 621.3 | 694.8 | 788.7 | 910.2 |
| 47.5° | 451.1 | 451.2 | 456.9 | 462.7 | 470.0 | 483.2 | 504.9 | 533.0 | 584.9 | 661.4 | 765.8 |
| 50° | 425.7 | 422.2 | 426.3 | 430.8 | 438.5 | 447.7 | 462.0 | 488.5 | 523.2 | 585.0 | 672.3 |
| 52.5° | 394.7 | 394.8 | 398.5 | 400.2 | 407.1 | 416.2 | 429.3 | 447.7 | 479.1 | 527.4 | 599.2 |
| 55° | 350.2 | 352.7 | 354.8 | 357.8 | 364.0 | 370.6 | 380.8 | 393.1 | 417.6 | 453.8 | 506.9 |
| 57.5° | 308.3 | 309.1 | 311.2 | 317.0 | 320.9 | 327.0 | 336.7 | 347.8 | 363.8 | 390.6 | 430.5 |
| 60° | 279.7 | 279.7 | 283.8 | 286.4 | 291.5 | 297.6 | 305.3 | 316.0 | 330.3 | 352.2 | 384.4 |
| 62.5° | 253.6 | 253.2 | 254.8 | 259.0 | 262.9 | 268.6 | 276.3 | 285.4 | 298.8 | 318.3 | 344.8 |
| 65° | 215.4 | 214.4 | 217.5 | 218.5 | 222.6 | 228.2 | 234.3 | 244.0 | 254.7 | 269.0 | 292.5 |
| 67.5° | 178.7 | 179.9 | 181.5 | 183.5 | 185.7 | 191.6 | 195.7 | 202.6 | 211.6 | 223.5 | 239.4 |
| 70° | 158.2 | 158.2 | 158.2 | 159.8 | 162.8 | 165.9 | 170.0 | 175.6 | 184.3 | 194.5 | 208.8 |
| 72.5° | 135.4 | 137.0 | 138.6 | 137.7 | 141.6 | 143.4 | 148.3 | 151.5 | 159.8 | 166.3 | 179.0 |
| 75° | 106.2 | 106.2 | 106.2 | 108.7 | 110.3 | 111.8 | 114.9 | 117.9 | 122.0 | 130.2 | 136.8 |
| 77.5° | 79.2 | 79.0 | 79.5 | 80.1 | 81.8 | 83.6 | 84.5 | 87.3 | 91.1 | 94.8 | 100.5 |
| 80° | 61.3 | 62.3 | 62.8 | 63.8 | 63.8 | 64.8 | 65.3 | 68.9 | 71.5 | 74.0 | 77.6 |
| 82.5° | 47.4 | 47.6 | 47.7 | 47.9 | 48.3 | 48.9 | 50.2 | 51.4 | 52.3 | 54.4 | 57.2 |
| 85° | 27.6 | 27.1 | 27.1 | 28.1 | 27.6 | 27.6 | 28.6 | 29.6 | 29.6 | 30.1 | 31.6 |
| 87.5° | 14.4 | 14.3 | 14.7 | 14.2 | 14.1 | 14.4 | 14.3 | 13.7 | 14.0 | 14.2 | 14.4 |
| 90° | 18.9 | 18.6 | 18.3 | 18.0 | 17.7 | 17.1 | 16.3 | 15.6 | 14.8 | 14.0 | 12.8 |
| 92.5° | 18.9 | 18.7 | 18.5 | 18.3 | 18.2 | 17.9 | 17.5 | 17.1 | 16.6 | 16.2 | 15.6 |
| 95° | 30.1 | 30.3 | 30.4 | 30.6 | 30.7 | 30.4 | 29.6 | 28.9 | 28.1 | 27.3 | 26.2 |
| 97.5° | 40.2 | 40.0 | 39.8 | 39.6 | 39.4 | 39.0 | 38.4 | 37.8 | 37.2 | 36.5 | 34.0 |
| 100° | 46.9 | 46.6 | 46.3 | 46.0 | 45.7 | 44.9 | 43.6 | 42.4 | 41.1 | 39.9 | 37.3 |
| 102.5° | 50.3 | 49.8 | 49.4 | 49.0 | 48.5 | 47.5 | 45.9 | 44.3 | 42.6 | 41.0 | 63.1 |
| 105° | 53.2 | 52.6 | 52.0 | 51.3 | 50.7 | 49.5 | 47.8 | 46.1 | 44.4 | 42.7 | 85.2 |
| 107.5° | 54.7 | 54.1 | 53.5 | 52.9 | 52.3 | 52.8 | 54.6 | 56.3 | 58.0 | 59.8 | 110.7 |
| 110° | 55.3 | 54.7 | 54.1 | 53.4 | 52.8 | 60.3 | 75.8 | 91.4 | 107.0 | 122.5 | 167.5 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 55.9 | 55.4 | 54.9 | 54.4 | 53.9 | 82.0 | 138.8 | 195.5 | 252.3 | 309.0 | 320.1 |
| 115° | 57.4 | 68.6 | 79.8 | 91.0 | 102.2 | 143.8 | 215.8 | 287.9 | 359.9 | 431.9 | 428.0 |
| 117.5° | 234.4 | 271.2 | 308.0 | 344.8 | 381.6 | 408.7 | 426.1 | 443.6 | 461.0 | 478.4 | 475.7 |
| 120° | 427.0 | 448.0 | 469.0 | 490.0 | 511.0 | 520.6 | 518.7 | 516.9 | 515.0 | 513.1 | 510.3 |
| 122.5° | 532.9 | 537.0 | 541.0 | 545.1 | 549.2 | 550.7 | 549.5 | 548.4 | 547.3 | 546.2 | 543.1 |
| 125° | 598.5 | 598.1 | 597.6 | 597.1 | 596.7 | 595.9 | 594.8 | 593.7 | 592.6 | 591.5 | 588.6 |
| 127.5° | 640.0 | 639.9 | 639.8 | 639.7 | 639.6 | 638.8 | 637.2 | 635.6 | 634.0 | 632.4 | 630.2 |
| 130° | 665.8 | 665.9 | 666.1 | 666.2 | 666.4 | 665.6 | 663.9 | 662.2 | 660.5 | 658.8 | 657.0 |
| 132.5° | 691.0 | 691.1 | 691.3 | 691.4 | 691.6 | 690.9 | 689.5 | 688.0 | 686.5 | 685.1 | 683.4 |
| 135° | 727.4 | 727.7 | 728.0 | 728.3 | 728.6 | 728.0 | 726.4 | 724.9 | 723.3 | 721.8 | 720.4 |
| 137.5° | 760.5 | 761.1 | 761.6 | 762.1 | 762.7 | 762.2 | 760.6 | 759.1 | 757.6 | 756.1 | 754.5 |
| 140° | 781.3 | 782.0 | 782.8 | 783.6 | 784.4 | 784.1 | 782.7 | 781.3 | 779.9 | 778.5 | 776.7 |
| 142.5° | 801.4 | 802.2 | 803.0 | 803.8 | 804.5 | 804.3 | 803.0 | 801.7 | 800.5 | 799.2 | 797.2 |
| 145° | 829.6 | 830.3 | 831.1 | 831.9 | 832.7 | 832.5 | 831.4 | 830.3 | 829.3 | 828.2 | 825.5 |
| 147.5° | 854.3 | 855.0 | 855.7 | 856.3 | 857.0 | 856.9 | 856.1 | 855.3 | 854.5 | 853.6 | 851.0 |
| 150° | 869.5 | 870.2 | 871.0 | 871.8 | 872.6 | 872.5 | 871.6 | 870.6 | 869.7 | 868.8 | 866.3 |
| 152.5° | 882.3 | 883.4 | 884.4 | 885.4 | 886.5 | 886.5 | 885.6 | 884.6 | 883.7 | 882.8 | 880.4 |
| 155° | 900.3 | 901.5 | 902.8 | 904.0 | 905.2 | 905.4 | 904.5 | 903.5 | 902.6 | 901.7 | 899.8 |
| 157.5° | 916.6 | 917.9 | 919.1 | 920.3 | 921.5 | 921.6 | 920.5 | 919.5 | 918.4 | 917.3 | 916.0 |
| 160° | 926.2 | 927.3 | 928.3 | 929.4 | 930.5 | 930.6 | 929.7 | 928.7 | 927.8 | 926.9 | 925.9 |
| 162.5° | 934.0 | 935.3 | 936.7 | 938.0 | 939.4 | 939.5 | 938.4 | 937.4 | 936.3 | 935.3 | 934.5 |
| 165° | 945.8 | 946.9 | 948.0 | 949.0 | 950.1 | 950.1 | 949.0 | 948.0 | 946.9 | 945.8 | 945.3 |
| 167.5° | 953.2 | 954.6 | 956.0 | 957.4 | 958.8 | 958.9 | 957.9 | 956.8 | 955.7 | 954.6 | 954.2 |
| 170° | 957.7 | 959.1 | 960.5 | 961.9 | 963.3 | 963.4 | 962.3 | 961.3 | 960.2 | 959.1 | 958.8 |
| 172.5° | 961.0 | 962.4 | 963.8 | 965.2 | 966.6 | 966.8 | 965.7 | 964.6 | 963.5 | 962.4 | 962.1 |
| 175° | 964.0 | 965.5 | 967.1 | 968.6 | 970.2 | 970.4 | 969.3 | 968.3 | 967.2 | 966.1 | 965.8 |
| 177.5° | 965.8 | 966.9 | 968.0 | 969.2 | 970.3 | 970.4 | 969.5 | 968.7 | 967.8 | 966.9 | 966.8 |
| 180° | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 |
| 2.5° | 1363.0 | 1359.7 | 1357.7 | 1350.3 | 1343.8 | 1337.3 | 1335.2 | 1336.0 | 1327.1 | 1318.5 | 1314.8 |
| 5° | 1416.1 | 1405.9 | 1396.2 | 1382.4 | 1366.1 | 1348.2 | 1339.0 | 1331.8 | 1314.0 | 1294.6 | 1283.4 |
| 7.5° | 1463.7 | 1449.1 | 1430.4 | 1404.4 | 1380.7 | 1352.6 | 1334.7 | 1318.9 | 1292.7 | 1265.4 | 1248.6 |
| 10° | 1492.7 | 1472.7 | 1448.7 | 1417.1 | 1388.0 | 1353.8 | 1329.8 | 1305.8 | 1275.2 | 1242.5 | 1222.1 |
| 12.5° | 1517.6 | 1490.7 | 1467.1 | 1426.5 | 1392.1 | 1349.3 | 1320.8 | 1287.0 | 1254.8 | 1216.0 | 1196.0 |
| 15° | 1576.9 | 1527.4 | 1482.4 | 1436.5 | 1394.1 | 1334.4 | 1302.8 | 1257.3 | 1214.9 | 1167.0 | 1144.0 |
| 17.5° | 1622.7 | 1567.1 | 1496.3 | 1437.9 | 1388.5 | 1322.4 | 1275.9 | 1221.5 | 1171.4 | 1116.5 | 1085.3 |
| 20° | 1648.9 | 1585.0 | 1509.0 | 1439.6 | 1380.3 | 1304.8 | 1254.3 | 1198.6 | 1139.9 | 1078.1 | 1044.4 |
| 22.5° | 1664.4 | 1597.3 | 1522.1 | 1433.4 | 1364.0 | 1290.5 | 1226.9 | 1165.9 | 1106.4 | 1039.8 | 1004.4 |
| 25° | 1669.3 | 1608.0 | 1528.4 | 1428.3 | 1343.6 | 1260.4 | 1183.8 | 1124.6 | 1052.6 | 990.3 | 938.8 |
| 27.5° | 1645.0 | 1601.1 | 1524.5 | 1418.7 | 1320.0 | 1222.7 | 1137.4 | 1070.3 | 994.3 | 926.7 | 874.9 |
| 30° | 1615.2 | 1589.6 | 1515.1 | 1408.9 | 1301.2 | 1196.6 | 1102.6 | 1026.6 | 951.0 | 882.6 | 829.5 |
| 32.5° | 1569.0 | 1563.5 | 1498.0 | 1395.0 | 1281.2 | 1163.5 | 1066.3 | 989.4 | 905.7 | 838.5 | 787.9 |
| 35° | 1478.4 | 1502.9 | 1461.5 | 1364.0 | 1243.5 | 1116.4 | 1011.3 | 923.5 | 836.7 | 772.4 | 724.9 |
| 37.5° | 1356.9 | 1417.7 | 1406.9 | 1318.6 | 1192.7 | 1065.2 | 949.1 | 857.3 | 774.6 | 709.7 | 663.1 |
| 40° | 1273.1 | 1350.7 | 1362.0 | 1283.9 | 1156.8 | 1025.6 | 902.5 | 811.2 | 730.5 | 671.3 | 624.3 |
| 42.5° | 1183.3 | 1274.0 | 1304.8 | 1242.2 | 1117.5 | 983.9 | 860.9 | 766.2 | 686.4 | 628.8 | 587.2 |
| 45° | 1032.7 | 1152.7 | 1208.3 | 1172.6 | 1052.1 | 915.3 | 788.7 | 692.7 | 620.2 | 566.1 | 534.0 |
| 47.5° | 891.9 | 1023.0 | 1097.8 | 1085.2 | 979.3 | 843.8 | 718.7 | 626.6 | 556.0 | 512.8 | 484.0 |
| 50° | 792.3 | 927.0 | 1017.4 | 1021.5 | 927.0 | 792.8 | 667.2 | 580.4 | 515.6 | 475.3 | 451.8 |
| 52.5° | 705.7 | 834.3 | 932.9 | 954.5 | 868.6 | 739.7 | 621.1 | 534.7 | 477.6 | 440.5 | 419.5 |
| 55° | 592.7 | 701.4 | 810.6 | 850.5 | 781.5 | 659.0 | 549.3 | 473.2 | 419.6 | 394.1 | 375.7 |
| 57.5° | 492.7 | 583.4 | 684.3 | 728.3 | 685.8 | 580.9 | 478.0 | 412.0 | 368.5 | 346.1 | 332.0 |
| 60° | 440.0 | 511.5 | 601.3 | 653.9 | 617.2 | 523.8 | 433.9 | 371.1 | 335.4 | 315.5 | 302.2 |
| 62.5° | 391.0 | 454.3 | 530.3 | 578.4 | 558.4 | 470.3 | 389.8 | 334.4 | 303.5 | 284.8 | 275.3 |
| 65° | 322.6 | 372.7 | 431.4 | 475.8 | 462.5 | 395.6 | 329.8 | 282.3 | 257.8 | 243.0 | 235.3 |
| 67.5° | 265.7 | 301.8 | 342.5 | 381.4 | 370.7 | 323.3 | 270.5 | 233.5 | 215.2 | 202.5 | 197.9 |
| 70° | 229.7 | 257.3 | 293.5 | 324.7 | 316.0 | 277.2 | 235.3 | 203.7 | 187.9 | 177.1 | 172.5 |
| 72.5° | 195.4 | 218.1 | 245.7 | 271.2 | 265.3 | 233.1 | 198.2 | 174.3 | 162.1 | 152.2 | 148.4 |
| 75° | 147.5 | 164.9 | 181.7 | 198.6 | 197.0 | 172.0 | 151.6 | 133.2 | 123.5 | 115.9 | 114.3 |
| 77.5° | 108.9 | 118.6 | 130.1 | 140.1 | 137.3 | 123.0 | 107.0 | 96.5 | 89.3 | 84.2 | 83.4 |
| 80° | 83.2 | 88.8 | 97.0 | 104.1 | 100.6 | 94.4 | 81.7 | 74.0 | 68.9 | 63.8 | 61.8 |
| 82.5° | 60.3 | 66.0 | 70.9 | 74.7 | 72.0 | 66.3 | 58.4 | 53.2 | 50.1 | 46.7 | 45.8 |
| 85° | 31.6 | 34.7 | 36.8 | 37.8 | 36.8 | 33.2 | 29.6 | 27.6 | 25.0 | 23.5 | 23.0 |
| 87.5° | 14.6 | 14.3 | 14.1 | 14.6 | 13.0 | 12.7 | 10.7 | 9.1 | 9.1 | 9.0 | 8.5 |
| 90° | 11.5 | 10.3 | 9.0 | 7.5 | 5.8 | 4.1 | 2.4 | 0.7 | 2.4 | 4.1 | 5.8 |
| 92.5° | 15.0 | 14.4 | 13.8 | 13.5 | 13.7 | 13.8 | 14.0 | 14.1 | 14.0 | 13.8 | 13.7 |
| 95° | 25.1 | 24.0 | 22.9 | 25.0 | 30.1 | 35.2 | 40.4 | 45.5 | 40.4 | 35.2 | 30.1 |
| 97.5° | 31.5 | 29.0 | 26.5 | 32.4 | 46.9 | 61.4 | 75.8 | 90.3 | 75.8 | 61.4 | 46.9 |
| 100° | 34.6 | 32.0 | 29.3 | 38.7 | 60.0 | 81.3 | 102.6 | 123.9 | 102.6 | 81.3 | 60.0 |
| 102.5° | 85.3 | 107.4 | 129.5 | 142.8 | 147.3 | 151.8 | 156.4 | 160.9 | 156.4 | 151.8 | 147.3 |
| 105° | 127.6 | 170.1 | 212.6 | 231.5 | 226.8 | 222.2 | 217.5 | 212.8 | 217.5 | 222.2 | 226.8 |
| 107.5° | 161.7 | 212.6 | 263.5 | 287.1 | 283.3 | 279.6 | 275.8 | 272.0 | 275.8 | 279.6 | 283.3 |
| 110° | 212.4 | 257.4 | 302.3 | 323.2 | 319.9 | 316.7 | 313.4 | 310.1 | 313.4 | 316.7 | 319.9 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 331.2 | 342.3 | 353.4 | 357.5 | 354.6 | 351.8 | 348.9 | 346.0 | 348.9 | 351.8 | 354.6 |
| 115° | 424.2 | 420.3 | 416.4 | 413.1 | 410.5 | 407.8 | 405.2 | 402.5 | 405.2 | 407.8 | 410.5 |
| 117.5° | 473.1 | 470.4 | 467.7 | 464.9 | 461.9 | 459.0 | 456.0 | 453.1 | 456.0 | 459.0 | 461.9 |
| 120° | 507.5 | 504.7 | 501.9 | 499.4 | 497.0 | 494.7 | 492.4 | 490.0 | 492.4 | 494.7 | 497.0 |
| 122.5° | 540.1 | 537.0 | 534.0 | 531.2 | 528.8 | 526.3 | 523.9 | 521.4 | 523.9 | 526.3 | 528.8 |
| 125° | 585.6 | 582.7 | 579.7 | 577.2 | 575.2 | 573.2 | 571.2 | 569.1 | 571.2 | 573.2 | 575.2 |
| 127.5° | 628.0 | 625.8 | 623.6 | 621.4 | 619.1 | 616.9 | 614.6 | 612.4 | 614.6 | 616.9 | 619.1 |
| 130° | 655.3 | 653.6 | 651.9 | 649.8 | 647.3 | 644.8 | 642.3 | 639.8 | 642.3 | 644.8 | 647.3 |
| 132.5° | 681.6 | 679.9 | 678.2 | 676.3 | 674.2 | 672.1 | 670.0 | 667.9 | 670.0 | 672.1 | 674.2 |
| 135° | 719.0 | 717.6 | 716.2 | 714.2 | 711.7 | 709.2 | 706.7 | 704.3 | 706.7 | 709.2 | 711.7 |
| 137.5° | 752.9 | 751.3 | 749.7 | 748.0 | 746.3 | 744.6 | 742.8 | 741.1 | 742.8 | 744.6 | 746.3 |
| 140° | 775.0 | 773.3 | 771.6 | 770.1 | 768.9 | 767.6 | 766.4 | 765.2 | 766.4 | 767.6 | 768.9 |
| 142.5° | 795.3 | 793.3 | 791.3 | 789.8 | 788.7 | 787.6 | 786.4 | 785.3 | 786.4 | 787.6 | 788.7 |
| 145° | 822.9 | 820.2 | 817.6 | 816.3 | 816.5 | 816.7 | 816.8 | 817.0 | 816.8 | 816.7 | 816.5 |
| 147.5° | 848.4 | 845.8 | 843.2 | 842.2 | 842.8 | 843.4 | 844.0 | 844.5 | 844.0 | 843.4 | 842.8 |
| 150° | 863.8 | 861.3 | 858.8 | 858.1 | 859.2 | 860.3 | 861.4 | 862.5 | 861.4 | 860.3 | 859.2 |
| 152.5° | 878.0 | 875.7 | 873.3 | 872.7 | 873.9 | 875.2 | 876.4 | 877.6 | 876.4 | 875.2 | 873.9 |
| 155° | 897.9 | 896.1 | 894.2 | 894.0 | 895.4 | 896.8 | 898.2 | 899.6 | 898.2 | 896.8 | 895.4 |
| 157.5° | 914.7 | 913.4 | 912.1 | 912.1 | 913.2 | 914.4 | 915.6 | 916.8 | 915.6 | 914.4 | 913.2 |
| 160° | 925.0 | 924.1 | 923.1 | 923.1 | 924.1 | 925.0 | 925.9 | 926.9 | 925.9 | 925.0 | 924.1 |
| 162.5° | 933.7 | 932.8 | 932.0 | 932.1 | 933.0 | 934.0 | 934.9 | 935.8 | 934.9 | 934.0 | 933.0 |
| 165° | 944.8 | 944.4 | 943.9 | 944.1 | 945.1 | 946.0 | 946.9 | 947.9 | 946.9 | 946.0 | 945.1 |
| 167.5° | 953.7 | 953.3 | 952.9 | 953.1 | 954.0 | 955.0 | 955.9 | 956.8 | 955.9 | 955.0 | 954.0 |
| 170° | 958.5 | 958.1 | 957.8 | 958.1 | 959.1 | 960.0 | 960.9 | 961.9 | 960.9 | 960.0 | 959.1 |
| 172.5° | 961.8 | 961.5 | 961.2 | 961.5 | 962.4 | 963.4 | 964.3 | 965.2 | 964.3 | 963.4 | 962.4 |
| 175° | 965.5 | 965.1 | 964.8 | 965.2 | 966.3 | 967.4 | 968.5 | 969.6 | 968.5 | 967.4 | 966.3 |
| 177.5° | 966.7 | 966.5 | 966.4 | 966.8 | 967.7 | 968.5 | 969.4 | 970.3 | 969.4 | 968.5 | 967.7 |
| 180° | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 |
| 2.5° | 1310.7 | 1308.3 | 1299.7 | 1295.2 | 1287.8 | 1280.9 | 1276.4 | 1278.5 | 1280.1 | 1279.3 | 1278.0 |
| 5° | 1273.1 | 1263.4 | 1248.6 | 1235.9 | 1226.7 | 1209.8 | 1202.7 | 1199.1 | 1196.1 | 1192.5 | 1188.9 |
| 7.5° | 1228.4 | 1213.1 | 1191.9 | 1173.7 | 1156.5 | 1135.6 | 1123.7 | 1116.5 | 1109.2 | 1101.1 | 1094.0 |
| 10° | 1196.6 | 1175.1 | 1152.7 | 1127.1 | 1106.7 | 1087.8 | 1071.0 | 1059.8 | 1049.6 | 1039.9 | 1032.7 |
| 12.5° | 1163.1 | 1138.4 | 1110.6 | 1075.7 | 1053.2 | 1026.2 | 1023.6 | 1003.8 | 987.9 | 981.9 | 973.5 |
| 15° | 1109.8 | 1075.1 | 1039.9 | 998.5 | 980.6 | 956.1 | 940.8 | 925.5 | 911.7 | 902.0 | 899.5 |
| 17.5° | 1049.2 | 1004.3 | 969.3 | 939.6 | 910.3 | 885.2 | 871.1 | 858.8 | 847.5 | 834.5 | 832.8 |
| 20° | 1003.1 | 964.3 | 926.0 | 900.0 | 869.9 | 844.3 | 827.0 | 814.7 | 805.0 | 797.4 | 790.7 |
| 22.5° | 959.4 | 916.9 | 881.9 | 853.4 | 823.7 | 803.1 | 789.4 | 777.6 | 769.5 | 761.0 | 754.8 |
| 25° | 889.3 | 856.1 | 817.8 | 785.6 | 761.1 | 747.9 | 736.6 | 726.4 | 721.3 | 715.7 | 708.6 |
| 27.5° | 827.9 | 791.0 | 755.2 | 730.3 | 708.8 | 697.0 | 689.0 | 682.1 | 677.3 | 674.0 | 670.0 |
| 30° | 784.6 | 747.3 | 719.3 | 694.8 | 676.9 | 665.2 | 660.1 | 656.0 | 650.4 | 648.3 | 646.3 |
| 32.5° | 743.0 | 709.4 | 685.4 | 664.1 | 647.1 | 639.4 | 634.7 | 631.1 | 626.7 | 624.6 | 620.5 |
| 35° | 684.0 | 656.0 | 632.5 | 620.7 | 607.0 | 600.3 | 596.8 | 591.6 | 587.6 | 585.5 | 585.0 |
| 37.5° | 628.6 | 604.2 | 588.8 | 573.7 | 567.9 | 563.8 | 558.9 | 555.4 | 554.2 | 553.9 | 553.4 |
| 40° | 592.7 | 572.8 | 559.0 | 546.7 | 544.2 | 538.0 | 534.0 | 530.9 | 530.9 | 531.4 | 530.9 |
| 42.5° | 560.0 | 542.1 | 530.0 | 519.4 | 516.4 | 512.7 | 508.6 | 508.4 | 509.3 | 511.0 | 509.3 |
| 45° | 510.5 | 497.7 | 489.0 | 483.9 | 478.3 | 474.7 | 474.2 | 475.8 | 476.3 | 476.8 | 478.3 |
| 47.5° | 464.9 | 456.5 | 448.6 | 443.0 | 440.5 | 439.9 | 439.3 | 442.0 | 444.4 | 445.3 | 447.7 |
| 50° | 438.0 | 428.3 | 421.7 | 418.1 | 416.0 | 415.0 | 416.0 | 419.1 | 421.1 | 423.7 | 425.2 |
| 52.5° | 407.8 | 400.9 | 396.3 | 393.6 | 392.8 | 393.4 | 393.6 | 397.1 | 400.3 | 401.2 | 402.0 |
| 55° | 366.0 | 360.9 | 359.9 | 355.3 | 357.3 | 356.8 | 359.4 | 361.4 | 364.5 | 367.5 | 368.1 |
| 57.5° | 324.4 | 320.3 | 317.5 | 317.9 | 318.5 | 320.8 | 322.9 | 326.5 | 329.8 | 333.0 | 333.3 |
| 60° | 296.6 | 294.5 | 293.0 | 293.0 | 294.0 | 297.1 | 299.7 | 303.2 | 305.3 | 307.3 | 308.8 |
| 62.5° | 271.3 | 269.2 | 267.7 | 268.5 | 271.2 | 273.0 | 276.0 | 277.9 | 279.9 | 282.0 | 282.7 |
| 65° | 231.2 | 230.2 | 231.8 | 232.8 | 233.3 | 235.8 | 239.4 | 240.9 | 243.0 | 244.0 | 247.6 |
| 67.5° | 194.4 | 194.6 | 194.4 | 195.8 | 198.8 | 199.4 | 202.8 | 206.3 | 206.7 | 208.7 | 211.0 |
| 70° | 169.5 | 170.5 | 171.5 | 172.5 | 175.1 | 176.1 | 178.7 | 180.2 | 182.2 | 183.8 | 185.3 |
| 72.5° | 146.6 | 146.8 | 147.8 | 147.6 | 149.8 | 152.0 | 154.2 | 155.7 | 157.7 | 159.7 | 161.2 |
| 75° | 112.8 | 112.8 | 113.8 | 114.3 | 116.9 | 119.5 | 118.9 | 120.0 | 122.0 | 124.0 | 125.1 |
| 77.5° | 82.4 | 81.3 | 82.4 | 82.9 | 83.7 | 85.9 | 86.3 | 87.7 | 90.0 | 89.3 | 90.5 |
| 80° | 62.8 | 61.3 | 62.8 | 63.3 | 63.3 | 65.9 | 65.9 | 66.9 | 68.4 | 66.9 | 68.4 |
| 82.5° | 44.8 | 44.1 | 45.2 | 45.3 | 46.1 | 46.2 | 47.1 | 47.3 | 48.8 | 48.1 | 48.8 |
| 85° | 22.5 | 22.0 | 22.5 | 22.0 | 22.5 | 23.0 | 23.0 | 22.5 | 22.5 | 23.5 | 22.0 |
| 87.5° | 8.5 | 8.3 | 8.2 | 8.4 | 8.3 | 8.1 | 7.9 | 8.0 | 8.2 | 7.5 | 7.6 |
| 90° | 7.5 | 9.0 | 10.3 | 11.5 | 12.8 | 14.0 | 14.8 | 15.6 | 16.3 | 17.1 | 17.7 |
| 92.5° | 13.5 | 13.8 | 14.4 | 15.0 | 15.6 | 16.2 | 16.6 | 17.1 | 17.5 | 17.9 | 18.2 |
| 95° | 25.0 | 22.9 | 24.0 | 25.1 | 26.2 | 27.3 | 28.1 | 28.9 | 29.6 | 30.4 | 30.7 |
| 97.5° | 32.4 | 26.5 | 29.0 | 31.5 | 34.0 | 36.5 | 37.2 | 37.8 | 38.4 | 39.0 | 39.4 |
| 100° | 38.7 | 29.3 | 32.0 | 34.6 | 37.3 | 39.9 | 41.1 | 42.4 | 43.6 | 44.9 | 45.7 |
| 102.5° | 142.8 | 129.5 | 107.4 | 85.3 | 63.1 | 41.0 | 42.6 | 44.3 | 45.9 | 47.5 | 48.5 |
| 105° | 231.5 | 212.6 | 170.1 | 127.6 | 85.2 | 42.7 | 44.4 | 46.1 | 47.8 | 49.5 | 50.7 |
| 107.5° | 287.1 | 263.5 | 212.6 | 161.7 | 110.7 | 59.8 | 58.0 | 56.3 | 54.6 | 52.8 | 52.3 |
| 110° | 323.2 | 302.3 | 257.4 | 212.4 | 167.5 | 122.5 | 107.0 | 91.4 | 75.8 | 60.3 | 52.8 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 357.5 | 353.4 | 342.3 | 331.2 | 320.1 | 309.0 | 252.3 | 195.5 | 138.8 | 82.0 | 53.9 |
| 115° | 413.1 | 416.4 | 420.3 | 424.2 | 428.0 | 431.9 | 359.9 | 287.9 | 215.8 | 143.8 | 102.2 |
| 117.5° | 464.9 | 467.7 | 470.4 | 473.1 | 475.7 | 478.4 | 461.0 | 443.6 | 426.1 | 408.7 | 381.6 |
| 120° | 499.4 | 501.9 | 504.7 | 507.5 | 510.3 | 513.1 | 515.0 | 516.9 | 518.7 | 520.6 | 511.0 |
| 122.5° | 531.2 | 534.0 | 537.0 | 540.1 | 543.1 | 546.2 | 547.3 | 548.4 | 549.5 | 550.7 | 549.2 |
| 125° | 577.2 | 579.7 | 582.7 | 585.6 | 588.6 | 591.5 | 592.6 | 593.7 | 594.8 | 595.9 | 596.7 |
| 127.5° | 621.4 | 623.6 | 625.8 | 628.0 | 630.2 | 632.4 | 634.0 | 635.6 | 637.2 | 638.8 | 639.6 |
| 130° | 649.8 | 651.9 | 653.6 | 655.3 | 657.0 | 658.8 | 660.5 | 662.2 | 663.9 | 665.6 | 666.4 |
| 132.5° | 676.3 | 678.2 | 679.9 | 681.6 | 683.4 | 685.1 | 686.5 | 688.0 | 689.5 | 690.9 | 691.6 |
| 135° | 714.2 | 716.2 | 717.6 | 719.0 | 720.4 | 721.8 | 723.3 | 724.9 | 726.4 | 728.0 | 728.6 |
| 137.5° | 748.0 | 749.7 | 751.3 | 752.9 | 754.5 | 756.1 | 757.6 | 759.1 | 760.6 | 762.2 | 762.7 |
| 140° | 770.1 | 771.6 | 773.3 | 775.0 | 776.7 | 778.5 | 779.9 | 781.3 | 782.7 | 784.1 | 784.4 |
| 142.5° | 789.8 | 791.3 | 793.3 | 795.3 | 797.2 | 799.2 | 800.5 | 801.7 | 803.0 | 804.3 | 804.5 |
| 145° | 816.3 | 817.6 | 820.2 | 822.9 | 825.5 | 828.2 | 829.3 | 830.3 | 831.4 | 832.5 | 832.7 |
| 147.5° | 842.2 | 843.2 | 845.8 | 848.4 | 851.0 | 853.6 | 854.5 | 855.3 | 856.1 | 856.9 | 857.0 |
| 150° | 858.1 | 858.8 | 861.3 | 863.8 | 866.3 | 868.8 | 869.7 | 870.6 | 871.6 | 872.5 | 872.6 |
| 152.5° | 872.7 | 873.3 | 875.7 | 878.0 | 880.4 | 882.8 | 883.7 | 884.6 | 885.6 | 886.5 | 886.5 |
| 155° | 894.0 | 894.2 | 896.1 | 897.9 | 899.8 | 901.7 | 902.6 | 903.5 | 904.5 | 905.4 | 905.2 |
| 157.5° | 912.1 | 912.1 | 913.4 | 914.7 | 916.0 | 917.3 | 918.4 | 919.5 | 920.5 | 921.6 | 921.5 |
| 160° | 923.1 | 923.1 | 924.1 | 925.0 | 925.9 | 926.9 | 927.8 | 928.7 | 929.7 | 930.6 | 930.5 |
| 162.5° | 932.1 | 932.0 | 932.8 | 933.7 | 934.5 | 935.3 | 936.3 | 937.4 | 938.4 | 939.5 | 939.4 |
| 165° | 944.1 | 943.9 | 944.4 | 944.8 | 945.3 | 945.8 | 946.9 | 948.0 | 949.0 | 950.1 | 950.1 |
| 167.5° | 953.1 | 952.9 | 953.3 | 953.7 | 954.2 | 954.6 | 955.7 | 956.8 | 957.9 | 958.9 | 958.8 |
| 170° | 958.1 | 957.8 | 958.1 | 958.5 | 958.8 | 959.1 | 960.2 | 961.3 | 962.3 | 963.4 | 963.3 |
| 172.5° | 961.5 | 961.2 | 961.5 | 961.8 | 962.1 | 962.4 | 963.5 | 964.6 | 965.7 | 966.8 | 966.6 |
| 175° | 965.2 | 964.8 | 965.1 | 965.5 | 965.8 | 966.1 | 967.2 | 968.3 | 969.3 | 970.4 | 970.2 |
| 177.5° | 966.8 | 966.4 | 966.5 | 966.7 | 966.8 | 966.9 | 967.8 | 968.7 | 969.5 | 970.4 | 970.3 |
| 180° | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 |
| 2.5° | 1274.0 | 1273.1 | 1273.1 | 1269.5 | 1273.1 | 1273.1 | 1274.0 | 1278.0 | 1279.3 | 1280.1 | 1278.5 |
| 5° | 1181.8 | 1180.2 | 1177.7 | 1180.2 | 1177.7 | 1180.2 | 1181.8 | 1188.9 | 1192.5 | 1196.1 | 1199.1 |
| 7.5° | 1090.6 | 1084.5 | 1083.6 | 1077.5 | 1083.6 | 1084.5 | 1090.6 | 1094.0 | 1101.1 | 1109.2 | 1116.5 |
| 10° | 1024.0 | 1019.9 | 1019.4 | 1009.7 | 1019.4 | 1019.9 | 1024.0 | 1032.7 | 1039.9 | 1049.6 | 1059.8 |
| 12.5° | 973.4 | 963.6 | 965.5 | 959.9 | 965.5 | 963.6 | 973.4 | 973.5 | 981.9 | 987.9 | 1003.8 |
| 15° | 885.7 | 885.7 | 883.6 | 875.0 | 883.6 | 885.7 | 885.7 | 899.5 | 902.0 | 911.7 | 925.5 |
| 17.5° | 822.7 | 821.7 | 816.8 | 819.2 | 816.8 | 821.7 | 822.7 | 832.8 | 834.5 | 847.5 | 858.8 |
| 20° | 785.1 | 782.1 | 775.9 | 775.9 | 775.9 | 782.1 | 785.1 | 790.7 | 797.4 | 805.0 | 814.7 |
| 22.5° | 749.6 | 749.4 | 742.9 | 744.9 | 742.9 | 749.4 | 749.6 | 754.8 | 761.0 | 769.5 | 777.6 |
| 25° | 708.0 | 704.0 | 700.9 | 702.4 | 700.9 | 704.0 | 708.0 | 708.6 | 715.7 | 721.3 | 726.4 |
| 27.5° | 668.6 | 666.4 | 666.2 | 662.0 | 666.2 | 666.4 | 668.6 | 670.0 | 674.0 | 677.3 | 682.1 |
| 30° | 645.8 | 640.7 | 641.7 | 639.1 | 641.7 | 640.7 | 645.8 | 646.3 | 648.3 | 650.4 | 656.0 |
| 32.5° | 619.6 | 617.8 | 616.8 | 614.6 | 616.8 | 617.8 | 619.6 | 620.5 | 624.6 | 626.7 | 631.1 |
| 35° | 584.0 | 584.5 | 582.0 | 583.0 | 582.0 | 584.5 | 584.0 | 585.0 | 585.5 | 587.6 | 591.6 |
| 37.5° | 552.9 | 554.5 | 553.3 | 553.6 | 553.3 | 554.5 | 552.9 | 553.4 | 553.9 | 554.2 | 555.4 |
| 40° | 532.4 | 532.4 | 532.4 | 534.0 | 532.4 | 532.4 | 532.4 | 530.9 | 531.4 | 530.9 | 530.9 |
| 42.5° | 512.8 | 512.0 | 511.2 | 511.1 | 511.2 | 512.0 | 512.8 | 509.3 | 511.0 | 509.3 | 508.4 |
| 45° | 479.3 | 480.9 | 481.4 | 478.8 | 481.4 | 480.9 | 479.3 | 478.3 | 476.8 | 476.3 | 475.8 |
| 47.5° | 449.0 | 449.2 | 449.0 | 451.3 | 449.0 | 449.2 | 449.0 | 447.7 | 445.3 | 444.4 | 442.0 |
| 50° | 427.8 | 426.8 | 427.8 | 426.8 | 427.8 | 426.8 | 427.8 | 425.2 | 423.7 | 421.1 | 419.1 |
| 52.5° | 405.3 | 405.5 | 404.9 | 404.7 | 404.9 | 405.5 | 405.3 | 402.0 | 401.2 | 400.3 | 397.1 |
| 55° | 370.1 | 371.1 | 370.6 | 370.6 | 370.6 | 371.1 | 370.1 | 368.1 | 367.5 | 364.5 | 361.4 |
| 57.5° | 333.7 | 334.6 | 335.3 | 333.0 | 335.3 | 334.6 | 333.7 | 333.3 | 333.0 | 329.8 | 326.5 |
| 60° | 308.3 | 310.9 | 310.4 | 309.4 | 310.4 | 310.9 | 308.3 | 308.8 | 307.3 | 305.3 | 303.2 |
| 62.5° | 285.1 | 286.0 | 285.9 | 285.7 | 285.9 | 286.0 | 285.1 | 282.7 | 282.0 | 279.9 | 277.9 |
| 65° | 249.1 | 250.1 | 248.6 | 250.1 | 248.6 | 250.1 | 249.1 | 247.6 | 244.0 | 243.0 | 240.9 |
| 67.5° | 210.4 | 210.7 | 211.9 | 212.6 | 211.9 | 210.7 | 210.4 | 211.0 | 208.7 | 206.7 | 206.3 |
| 70° | 186.3 | 185.8 | 187.3 | 188.9 | 187.3 | 185.8 | 186.3 | 185.3 | 183.8 | 182.2 | 180.2 |
| 72.5° | 161.0 | 162.1 | 161.6 | 162.7 | 161.6 | 162.1 | 161.0 | 161.2 | 159.7 | 157.7 | 155.7 |
| 75° | 124.0 | 125.6 | 125.1 | 126.6 | 125.1 | 125.6 | 124.0 | 125.1 | 124.0 | 122.0 | 120.0 |
| 77.5° | 89.6 | 89.8 | 89.6 | 90.5 | 89.6 | 89.8 | 89.6 | 90.5 | 89.3 | 90.0 | 87.7 |
| 80° | 68.4 | 67.4 | 66.4 | 68.4 | 66.4 | 67.4 | 68.4 | 68.4 | 66.9 | 68.4 | 66.9 |
| 82.5° | 47.6 | 48.2 | 47.2 | 47.2 | 47.2 | 48.2 | 47.6 | 48.8 | 48.1 | 48.8 | 47.3 |
| 85° | 22.0 | 21.4 | 20.4 | 20.4 | 20.4 | 21.4 | 22.0 | 22.0 | 23.5 | 22.5 | 22.5 |
| 87.5° | 7.7 | 7.3 | 7.4 | 7.0 | 7.4 | 7.3 | 7.7 | 7.6 | 7.5 | 8.2 | 8.0 |
| 90° | 18.0 | 18.3 | 18.6 | 18.9 | 18.6 | 18.3 | 18.0 | 17.7 | 17.1 | 16.3 | 15.6 |
| 92.5° | 18.3 | 18.5 | 18.7 | 18.9 | 18.7 | 18.5 | 18.3 | 18.2 | 17.9 | 17.5 | 17.1 |
| 95° | 30.6 | 30.4 | 30.3 | 30.1 | 30.3 | 30.4 | 30.6 | 30.7 | 30.4 | 29.6 | 28.9 |
| 97.5° | 39.6 | 39.8 | 40.0 | 40.2 | 40.0 | 39.8 | 39.6 | 39.4 | 39.0 | 38.4 | 37.8 |
| 100° | 46.0 | 46.3 | 46.6 | 46.9 | 46.6 | 46.3 | 46.0 | 45.7 | 44.9 | 43.6 | 42.4 |
| 102.5° | 49.0 | 49.4 | 49.8 | 50.3 | 49.8 | 49.4 | 49.0 | 48.5 | 47.5 | 45.9 | 44.3 |
| 105° | 51.3 | 52.0 | 52.6 | 53.2 | 52.6 | 52.0 | 51.3 | 50.7 | 49.5 | 47.8 | 46.1 |
| 107.5° | 52.9 | 53.5 | 54.1 | 54.7 | 54.1 | 53.5 | 52.9 | 52.3 | 52.8 | 54.6 | 56.3 |
| 110° | 53.4 | 54.1 | 54.7 | 55.3 | 54.7 | 54.1 | 53.4 | 52.8 | 60.3 | 75.8 | 91.4 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 54.4 | 54.9 | 55.4 | 55.9 | 55.4 | 54.9 | 54.4 | 53.9 | 82.0 | 138.8 | 195.5 |
| 115° | 91.0 | 79.8 | 68.6 | 57.4 | 68.6 | 79.8 | 91.0 | 102.2 | 143.8 | 215.8 | 287.9 |
| 117.5° | 344.8 | 308.0 | 271.2 | 234.4 | 271.2 | 308.0 | 344.8 | 381.6 | 408.7 | 426.1 | 443.6 |
| 120° | 490.0 | 469.0 | 448.0 | 427.0 | 448.0 | 469.0 | 490.0 | 511.0 | 520.6 | 518.7 | 516.9 |
| 122.5° | 545.1 | 541.0 | 537.0 | 532.9 | 537.0 | 541.0 | 545.1 | 549.2 | 550.7 | 549.5 | 548.4 |
| 125° | 597.1 | 597.6 | 598.1 | 598.5 | 598.1 | 597.6 | 597.1 | 596.7 | 595.9 | 594.8 | 593.7 |
| 127.5° | 639.7 | 639.8 | 639.9 | 640.0 | 639.9 | 639.8 | 639.7 | 639.6 | 638.8 | 637.2 | 635.6 |
| 130° | 666.2 | 666.1 | 665.9 | 665.8 | 665.9 | 666.1 | 666.2 | 666.4 | 665.6 | 663.9 | 662.2 |
| 132.5° | 691.4 | 691.3 | 691.1 | 691.0 | 691.1 | 691.3 | 691.4 | 691.6 | 690.9 | 689.5 | 688.0 |
| 135° | 728.3 | 728.0 | 727.7 | 727.4 | 727.7 | 728.0 | 728.3 | 728.6 | 728.0 | 726.4 | 724.9 |
| 137.5° | 762.1 | 761.6 | 761.1 | 760.5 | 761.1 | 761.6 | 762.1 | 762.7 | 762.2 | 760.6 | 759.1 |
| 140° | 783.6 | 782.8 | 782.0 | 781.3 | 782.0 | 782.8 | 783.6 | 784.4 | 784.1 | 782.7 | 781.3 |
| 142.5° | 803.8 | 803.0 | 802.2 | 801.4 | 802.2 | 803.0 | 803.8 | 804.5 | 804.3 | 803.0 | 801.7 |
| 145° | 831.9 | 831.1 | 830.3 | 829.6 | 830.3 | 831.1 | 831.9 | 832.7 | 832.5 | 831.4 | 830.3 |
| 147.5° | 856.3 | 855.7 | 855.0 | 854.3 | 855.0 | 855.7 | 856.3 | 857.0 | 856.9 | 856.1 | 855.3 |
| 150° | 871.8 | 871.0 | 870.2 | 869.5 | 870.2 | 871.0 | 871.8 | 872.6 | 872.5 | 871.6 | 870.6 |
| 152.5° | 885.4 | 884.4 | 883.4 | 882.3 | 883.4 | 884.4 | 885.4 | 886.5 | 886.5 | 885.6 | 884.6 |
| 155° | 904.0 | 902.8 | 901.5 | 900.3 | 901.5 | 902.8 | 904.0 | 905.2 | 905.4 | 904.5 | 903.5 |
| 157.5° | 920.3 | 919.1 | 917.9 | 916.6 | 917.9 | 919.1 | 920.3 | 921.5 | 921.6 | 920.5 | 919.5 |
| 160° | 929.4 | 928.3 | 927.3 | 926.2 | 927.3 | 928.3 | 929.4 | 930.5 | 930.6 | 929.7 | 928.7 |
| 162.5° | 938.0 | 936.7 | 935.3 | 934.0 | 935.3 | 936.7 | 938.0 | 939.4 | 939.5 | 938.4 | 937.4 |
| 165° | 949.0 | 948.0 | 946.9 | 945.8 | 946.9 | 948.0 | 949.0 | 950.1 | 950.1 | 949.0 | 948.0 |
| 167.5° | 957.4 | 956.0 | 954.6 | 953.2 | 954.6 | 956.0 | 957.4 | 958.8 | 958.9 | 957.9 | 956.8 |
| 170° | 961.9 | 960.5 | 959.1 | 957.7 | 959.1 | 960.5 | 961.9 | 963.3 | 963.4 | 962.3 | 961.3 |
| 172.5° | 965.2 | 963.8 | 962.4 | 961.0 | 962.4 | 963.8 | 965.2 | 966.6 | 966.8 | 965.7 | 964.6 |
| 175° | 968.6 | 967.1 | 965.5 | 964.0 | 965.5 | 967.1 | 968.6 | 970.2 | 970.4 | 969.3 | 968.3 |
| 177.5° | 969.2 | 968.0 | 966.9 | 965.8 | 966.9 | 968.0 | 969.2 | 970.3 | 970.4 | 969.5 | 968.7 |
| 180° | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 |
| 2.5° | 1276.4 | 1280.9 | 1287.8 | 1295.2 | 1299.7 | 1308.3 | 1310.7 | 1314.8 | 1318.5 | 1327.1 | 1336.0 |
| 5° | 1202.7 | 1209.8 | 1226.7 | 1235.9 | 1248.6 | 1263.4 | 1273.1 | 1283.4 | 1294.6 | 1314.0 | 1331.8 |
| 7.5° | 1123.7 | 1135.6 | 1156.5 | 1173.7 | 1191.9 | 1213.1 | 1228.4 | 1248.6 | 1265.4 | 1292.7 | 1318.9 |
| 10° | 1071.0 | 1087.8 | 1106.7 | 1127.1 | 1152.7 | 1175.1 | 1196.6 | 1222.1 | 1242.5 | 1275.2 | 1305.8 |
| 12.5° | 1023.6 | 1026.2 | 1053.2 | 1075.7 | 1110.6 | 1138.4 | 1163.1 | 1196.0 | 1216.0 | 1254.8 | 1287.0 |
| 15° | 940.8 | 956.1 | 980.6 | 998.5 | 1039.9 | 1075.1 | 1109.8 | 1144.0 | 1167.0 | 1214.9 | 1257.3 |
| 17.5° | 871.1 | 885.2 | 910.3 | 939.6 | 969.3 | 1004.3 | 1049.2 | 1085.3 | 1116.5 | 1171.4 | 1221.5 |
| 20° | 827.0 | 844.3 | 869.9 | 900.0 | 926.0 | 964.3 | 1003.1 | 1044.4 | 1078.1 | 1139.9 | 1198.6 |
| 22.5° | 789.4 | 803.1 | 823.7 | 853.4 | 881.9 | 916.9 | 959.4 | 1004.4 | 1039.8 | 1106.4 | 1165.9 |
| 25° | 736.6 | 747.9 | 761.1 | 785.6 | 817.8 | 856.1 | 889.3 | 938.8 | 990.3 | 1052.6 | 1124.6 |
| 27.5° | 689.0 | 697.0 | 708.8 | 730.3 | 755.2 | 791.0 | 827.9 | 874.9 | 926.7 | 994.3 | 1070.3 |
| 30° | 660.1 | 665.2 | 676.9 | 694.8 | 719.3 | 747.3 | 784.6 | 829.5 | 882.6 | 951.0 | 1026.6 |
| 32.5° | 634.7 | 639.4 | 647.1 | 664.1 | 685.4 | 709.4 | 743.0 | 787.9 | 838.5 | 905.7 | 989.4 |
| 35° | 596.8 | 600.3 | 607.0 | 620.7 | 632.5 | 656.0 | 684.0 | 724.9 | 772.4 | 836.7 | 923.5 |
| 37.5° | 558.9 | 563.8 | 567.9 | 573.7 | 588.8 | 604.2 | 628.6 | 663.1 | 709.7 | 774.6 | 857.3 |
| 40° | 534.0 | 538.0 | 544.2 | 546.7 | 559.0 | 572.8 | 592.7 | 624.3 | 671.3 | 730.5 | 811.2 |
| 42.5° | 508.6 | 512.7 | 516.4 | 519.4 | 530.0 | 542.1 | 560.0 | 587.2 | 628.8 | 686.4 | 766.2 |
| 45° | 474.2 | 474.7 | 478.3 | 483.9 | 489.0 | 497.7 | 510.5 | 534.0 | 566.1 | 620.2 | 692.7 |
| 47.5° | 439.3 | 439.9 | 440.5 | 443.0 | 448.6 | 456.5 | 464.9 | 484.0 | 512.8 | 556.0 | 626.6 |
| 50° | 416.0 | 415.0 | 416.0 | 418.1 | 421.7 | 428.3 | 438.0 | 451.8 | 475.3 | 515.6 | 580.4 |
| 52.5° | 393.6 | 393.4 | 392.8 | 393.6 | 396.3 | 400.9 | 407.8 | 419.5 | 440.5 | 477.6 | 534.7 |
| 55° | 359.4 | 356.8 | 357.3 | 355.3 | 359.9 | 360.9 | 366.0 | 375.7 | 394.1 | 419.6 | 473.2 |
| 57.5° | 322.9 | 320.8 | 318.5 | 317.9 | 317.5 | 320.3 | 324.4 | 332.0 | 346.1 | 368.5 | 412.0 |
| 60° | 299.7 | 297.1 | 294.0 | 293.0 | 293.0 | 294.5 | 296.6 | 302.2 | 315.5 | 335.4 | 371.1 |
| 62.5° | 276.0 | 273.0 | 271.2 | 268.5 | 267.7 | 269.2 | 271.3 | 275.3 | 284.8 | 303.5 | 334.4 |
| 65° | 239.4 | 235.8 | 233.3 | 232.8 | 231.8 | 230.2 | 231.2 | 235.3 | 243.0 | 257.8 | 282.3 |
| 67.5° | 202.8 | 199.4 | 198.8 | 195.8 | 194.4 | 194.6 | 194.4 | 197.9 | 202.5 | 215.2 | 233.5 |
| 70° | 178.7 | 176.1 | 175.1 | 172.5 | 171.5 | 170.5 | 169.5 | 172.5 | 177.1 | 187.9 | 203.7 |
| 72.5° | 154.2 | 152.0 | 149.8 | 147.6 | 147.8 | 146.8 | 146.6 | 148.4 | 152.2 | 162.1 | 174.3 |
| 75° | 118.9 | 119.5 | 116.9 | 114.3 | 113.8 | 112.8 | 112.8 | 114.3 | 115.9 | 123.5 | 133.2 |
| 77.5° | 86.3 | 85.9 | 83.7 | 82.9 | 82.4 | 81.3 | 82.4 | 83.4 | 84.2 | 89.3 | 96.5 |
| 80° | 65.9 | 65.9 | 63.3 | 63.3 | 62.8 | 61.3 | 62.8 | 61.8 | 63.8 | 68.9 | 74.0 |
| 82.5° | 47.1 | 46.2 | 46.1 | 45.3 | 45.2 | 44.1 | 44.8 | 45.8 | 46.7 | 50.1 | 53.2 |
| 85° | 23.0 | 23.0 | 22.5 | 22.0 | 22.5 | 22.0 | 22.5 | 23.0 | 23.5 | 25.0 | 27.6 |
| 87.5° | 7.9 | 8.1 | 8.3 | 8.4 | 8.2 | 8.3 | 8.5 | 8.5 | 9.0 | 9.1 | 9.1 |
| 90° | 14.8 | 14.0 | 12.8 | 11.5 | 10.3 | 9.0 | 7.5 | 5.8 | 4.1 | 2.4 | 0.7 |
| 92.5° | 16.6 | 16.2 | 15.6 | 15.0 | 14.4 | 13.8 | 13.5 | 13.7 | 13.8 | 14.0 | 14.1 |
| 95° | 28.1 | 27.3 | 26.2 | 25.1 | 24.0 | 22.9 | 25.0 | 30.1 | 35.2 | 40.4 | 45.5 |
| 97.5° | 37.2 | 36.5 | 34.0 | 31.5 | 29.0 | 26.5 | 32.4 | 46.9 | 61.4 | 75.8 | 90.3 |
| 100° | 41.1 | 39.9 | 37.3 | 34.6 | 32.0 | 29.3 | 38.7 | 60.0 | 81.3 | 102.6 | 123.9 |
| 102.5° | 42.6 | 41.0 | 63.1 | 85.3 | 107.4 | 129.5 | 142.8 | 147.3 | 151.8 | 156.4 | 160.9 |
| 105° | 44.4 | 42.7 | 85.2 | 127.6 | 170.1 | 212.6 | 231.5 | 226.8 | 222.2 | 217.5 | 212.8 |
| 107.5° | 58.0 | 59.8 | 110.7 | 161.7 | 212.6 | 263.5 | 287.1 | 283.3 | 279.6 | 275.8 | 272.0 |
| 110° | 107.0 | 122.5 | 167.5 | 212.4 | 257.4 | 302.3 | 323.2 | 319.9 | 316.7 | 313.4 | 310.1 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 252.3 | 309.0 | 320.1 | 331.2 | 342.3 | 353.4 | 357.5 | 354.6 | 351.8 | 348.9 | 346.0 |
| 115° | 359.9 | 431.9 | 428.0 | 424.2 | 420.3 | 416.4 | 413.1 | 410.5 | 407.8 | 405.2 | 402.5 |
| 117.5° | 461.0 | 478.4 | 475.7 | 473.1 | 470.4 | 467.7 | 464.9 | 461.9 | 459.0 | 456.0 | 453.1 |
| 120° | 515.0 | 513.1 | 510.3 | 507.5 | 504.7 | 501.9 | 499.4 | 497.0 | 494.7 | 492.4 | 490.0 |
| 122.5° | 547.3 | 546.2 | 543.1 | 540.1 | 537.0 | 534.0 | 531.2 | 528.8 | 526.3 | 523.9 | 521.4 |
| 125° | 592.6 | 591.5 | 588.6 | 585.6 | 582.7 | 579.7 | 577.2 | 575.2 | 573.2 | 571.2 | 569.1 |
| 127.5° | 634.0 | 632.4 | 630.2 | 628.0 | 625.8 | 623.6 | 621.4 | 619.1 | 616.9 | 614.6 | 612.4 |
| 130° | 660.5 | 658.8 | 657.0 | 655.3 | 653.6 | 651.9 | 649.8 | 647.3 | 644.8 | 642.3 | 639.8 |
| 132.5° | 686.5 | 685.1 | 683.4 | 681.6 | 679.9 | 678.2 | 676.3 | 674.2 | 672.1 | 670.0 | 667.9 |
| 135° | 723.3 | 721.8 | 720.4 | 719.0 | 717.6 | 716.2 | 714.2 | 711.7 | 709.2 | 706.7 | 704.3 |
| 137.5° | 757.6 | 756.1 | 754.5 | 752.9 | 751.3 | 749.7 | 748.0 | 746.3 | 744.6 | 742.8 | 741.1 |
| 140° | 779.9 | 778.5 | 776.7 | 775.0 | 773.3 | 771.6 | 770.1 | 768.9 | 767.6 | 766.4 | 765.2 |
| 142.5° | 800.5 | 799.2 | 797.2 | 795.3 | 793.3 | 791.3 | 789.8 | 788.7 | 787.6 | 786.4 | 785.3 |
| 145° | 829.3 | 828.2 | 825.5 | 822.9 | 820.2 | 817.6 | 816.3 | 816.5 | 816.7 | 816.8 | 817.0 |
| 147.5° | 854.5 | 853.6 | 851.0 | 848.4 | 845.8 | 843.2 | 842.2 | 842.8 | 843.4 | 844.0 | 844.5 |
| 150° | 869.7 | 868.8 | 866.3 | 863.8 | 861.3 | 858.8 | 858.1 | 859.2 | 860.3 | 861.4 | 862.5 |
| 152.5° | 883.7 | 882.8 | 880.4 | 878.0 | 875.7 | 873.3 | 872.7 | 873.9 | 875.2 | 876.4 | 877.6 |
| 155° | 902.6 | 901.7 | 899.8 | 897.9 | 896.1 | 894.2 | 894.0 | 895.4 | 896.8 | 898.2 | 899.6 |
| 157.5° | 918.4 | 917.3 | 916.0 | 914.7 | 913.4 | 912.1 | 912.1 | 913.2 | 914.4 | 915.6 | 916.8 |
| 160° | 927.8 | 926.9 | 925.9 | 925.0 | 924.1 | 923.1 | 923.1 | 924.1 | 925.0 | 925.9 | 926.9 |
| 162.5° | 936.3 | 935.3 | 934.5 | 933.7 | 932.8 | 932.0 | 932.1 | 933.0 | 934.0 | 934.9 | 935.8 |
| 165° | 946.9 | 945.8 | 945.3 | 944.8 | 944.4 | 943.9 | 944.1 | 945.1 | 946.0 | 946.9 | 947.9 |
| 167.5° | 955.7 | 954.6 | 954.2 | 953.7 | 953.3 | 952.9 | 953.1 | 954.0 | 955.0 | 955.9 | 956.8 |
| 170° | 960.2 | 959.1 | 958.8 | 958.5 | 958.1 | 957.8 | 958.1 | 959.1 | 960.0 | 960.9 | 961.9 |
| 172.5° | 963.5 | 962.4 | 962.1 | 961.8 | 961.5 | 961.2 | 961.5 | 962.4 | 963.4 | 964.3 | 965.2 |
| 175° | 967.2 | 966.1 | 965.8 | 965.5 | 965.1 | 964.8 | 965.2 | 966.3 | 967.4 | 968.5 | 969.6 |
| 177.5° | 967.8 | 966.9 | 966.8 | 966.7 | 966.5 | 966.4 | 966.8 | 967.7 | 968.5 | 969.4 | 970.3 |
| 180° | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 |
| 2.5° | 1335.2 | 1337.3 | 1343.8 | 1350.3 | 1357.7 | 1359.7 | 1363.0 | 1360.1 | 1359.3 | 1367.1 | 1372.8 |
| 5° | 1339.0 | 1348.2 | 1366.1 | 1382.4 | 1396.2 | 1405.9 | 1416.1 | 1420.2 | 1427.8 | 1438.5 | 1451.8 |
| 7.5° | 1334.7 | 1352.6 | 1380.7 | 1404.4 | 1430.4 | 1449.1 | 1463.7 | 1476.1 | 1491.2 | 1511.5 | 1533.7 |
| 10° | 1329.8 | 1353.8 | 1388.0 | 1417.1 | 1448.7 | 1472.7 | 1492.7 | 1512.0 | 1534.5 | 1562.6 | 1591.7 |
| 12.5° | 1320.8 | 1349.3 | 1392.1 | 1426.5 | 1467.1 | 1490.7 | 1517.6 | 1559.4 | 1583.5 | 1622.6 | 1663.6 |
| 15° | 1302.8 | 1334.4 | 1394.1 | 1436.5 | 1482.4 | 1527.4 | 1576.9 | 1616.7 | 1656.5 | 1679.5 | 1737.2 |
| 17.5° | 1275.9 | 1322.4 | 1388.5 | 1437.9 | 1496.3 | 1567.1 | 1622.7 | 1667.8 | 1713.8 | 1751.1 | 1780.0 |
| 20° | 1254.3 | 1304.8 | 1380.3 | 1439.6 | 1509.0 | 1585.0 | 1648.9 | 1694.8 | 1734.6 | 1765.8 | 1783.6 |
| 22.5° | 1226.9 | 1290.5 | 1364.0 | 1433.4 | 1522.1 | 1597.3 | 1664.4 | 1700.5 | 1733.8 | 1749.0 | 1755.9 |
| 25° | 1183.8 | 1260.4 | 1343.6 | 1428.3 | 1528.4 | 1608.0 | 1669.3 | 1691.2 | 1700.9 | 1686.1 | 1661.6 |
| 27.5° | 1137.4 | 1222.7 | 1320.0 | 1418.7 | 1524.5 | 1601.1 | 1645.0 | 1641.5 | 1625.1 | 1577.2 | 1538.9 |
| 30° | 1102.6 | 1196.6 | 1301.2 | 1408.9 | 1515.1 | 1589.6 | 1615.2 | 1589.6 | 1552.4 | 1498.8 | 1444.2 |
| 32.5° | 1066.3 | 1163.5 | 1281.2 | 1395.0 | 1498.0 | 1563.5 | 1569.0 | 1525.1 | 1467.4 | 1406.5 | 1338.4 |
| 35° | 1011.3 | 1116.4 | 1243.5 | 1364.0 | 1461.5 | 1502.9 | 1478.4 | 1400.8 | 1332.4 | 1249.2 | 1156.2 |
| 37.5° | 949.1 | 1065.2 | 1192.7 | 1318.6 | 1406.9 | 1417.7 | 1356.9 | 1275.2 | 1178.7 | 1080.9 | 971.6 |
| 40° | 902.5 | 1025.6 | 1156.8 | 1283.9 | 1362.0 | 1350.7 | 1273.1 | 1183.3 | 1068.4 | 949.0 | 847.4 |
| 42.5° | 860.9 | 983.9 | 1117.5 | 1242.2 | 1304.8 | 1274.0 | 1183.3 | 1073.0 | 949.6 | 837.1 | 744.1 |
| 45° | 788.7 | 915.3 | 1052.1 | 1172.6 | 1208.3 | 1152.7 | 1032.7 | 910.2 | 788.7 | 694.8 | 621.3 |
| 47.5° | 718.7 | 843.8 | 979.3 | 1085.2 | 1097.8 | 1023.0 | 891.9 | 765.8 | 661.4 | 584.9 | 533.0 |
| 50° | 667.2 | 792.8 | 927.0 | 1021.5 | 1017.4 | 927.0 | 792.3 | 672.3 | 585.0 | 523.2 | 488.5 |
| 52.5° | 621.1 | 739.7 | 868.6 | 954.5 | 932.9 | 834.3 | 705.7 | 599.2 | 527.4 | 479.1 | 447.7 |
| 55° | 549.3 | 659.0 | 781.5 | 850.5 | 810.6 | 701.4 | 592.7 | 506.9 | 453.8 | 417.6 | 393.1 |
| 57.5° | 478.0 | 580.9 | 685.8 | 728.3 | 684.3 | 583.4 | 492.7 | 430.5 | 390.6 | 363.8 | 347.8 |
| 60° | 433.9 | 523.8 | 617.2 | 653.9 | 601.3 | 511.5 | 440.0 | 384.4 | 352.2 | 330.3 | 316.0 |
| 62.5° | 389.8 | 470.3 | 558.4 | 578.4 | 530.3 | 454.3 | 391.0 | 344.8 | 318.3 | 298.8 | 285.4 |
| 65° | 329.8 | 395.6 | 462.5 | 475.8 | 431.4 | 372.7 | 322.6 | 292.5 | 269.0 | 254.7 | 244.0 |
| 67.5° | 270.5 | 323.3 | 370.7 | 381.4 | 342.5 | 301.8 | 265.7 | 239.4 | 223.5 | 211.6 | 202.6 |
| 70° | 235.3 | 277.2 | 316.0 | 324.7 | 293.5 | 257.3 | 229.7 | 208.8 | 194.5 | 184.3 | 175.6 |
| 72.5° | 198.2 | 233.1 | 265.3 | 271.2 | 245.7 | 218.1 | 195.4 | 179.0 | 166.3 | 159.8 | 151.5 |
| 75° | 151.6 | 172.0 | 197.0 | 198.6 | 181.7 | 164.9 | 147.5 | 136.8 | 130.2 | 122.0 | 117.9 |
| 77.5° | 107.0 | 123.0 | 137.3 | 140.1 | 130.1 | 118.6 | 108.9 | 100.5 | 94.8 | 91.1 | 87.3 |
| 80° | 81.7 | 94.4 | 100.6 | 104.1 | 97.0 | 88.8 | 83.2 | 77.6 | 74.0 | 71.5 | 68.9 |
| 82.5° | 58.4 | 66.3 | 72.0 | 74.7 | 70.9 | 66.0 | 60.3 | 57.2 | 54.4 | 52.3 | 51.4 |
| 85° | 29.6 | 33.2 | 36.8 | 37.8 | 36.8 | 34.7 | 31.6 | 31.6 | 30.1 | 29.6 | 29.6 |
| 87.5° | 10.7 | 12.7 | 13.0 | 14.6 | 14.1 | 14.3 | 14.6 | 14.4 | 14.2 | 14.0 | 13.7 |
| 90° | 2.4 | 4.1 | 5.8 | 7.5 | 9.0 | 10.3 | 11.5 | 12.8 | 14.0 | 14.8 | 15.6 |
| 92.5° | 14.0 | 13.8 | 13.7 | 13.5 | 13.8 | 14.4 | 15.0 | 15.6 | 16.2 | 16.6 | 17.1 |
| 95° | 40.4 | 35.2 | 30.1 | 25.0 | 22.9 | 24.0 | 25.1 | 26.2 | 27.3 | 28.1 | 28.9 |
| 97.5° | 75.8 | 61.4 | 46.9 | 32.4 | 26.5 | 29.0 | 31.5 | 34.0 | 36.5 | 37.2 | 37.8 |
| 100° | 102.6 | 81.3 | 60.0 | 38.7 | 29.3 | 32.0 | 34.6 | 37.3 | 39.9 | 41.1 | 42.4 |
| 102.5° | 156.4 | 151.8 | 147.3 | 142.8 | 129.5 | 107.4 | 85.3 | 63.1 | 41.0 | 42.6 | 44.3 |
| 105° | 217.5 | 222.2 | 226.8 | 231.5 | 212.6 | 170.1 | 127.6 | 85.2 | 42.7 | 44.4 | 46.1 |
| 107.5° | 275.8 | 279.6 | 283.3 | 287.1 | 263.5 | 212.6 | 161.7 | 110.7 | 59.8 | 58.0 | 56.3 |
| 110° | 313.4 | 316.7 | 319.9 | 323.2 | 302.3 | 257.4 | 212.4 | 167.5 | 122.5 | 107.0 | 91.4 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 348.9 | 351.8 | 354.6 | 357.5 | 353.4 | 342.3 | 331.2 | 320.1 | 309.0 | 252.3 | 195.5 |
| 115° | 405.2 | 407.8 | 410.5 | 413.1 | 416.4 | 420.3 | 424.2 | 428.0 | 431.9 | 359.9 | 287.9 |
| 117.5° | 456.0 | 459.0 | 461.9 | 464.9 | 467.7 | 470.4 | 473.1 | 475.7 | 478.4 | 461.0 | 443.6 |
| 120° | 492.4 | 494.7 | 497.0 | 499.4 | 501.9 | 504.7 | 507.5 | 510.3 | 513.1 | 515.0 | 516.9 |
| 122.5° | 523.9 | 526.3 | 528.8 | 531.2 | 534.0 | 537.0 | 540.1 | 543.1 | 546.2 | 547.3 | 548.4 |
| 125° | 571.2 | 573.2 | 575.2 | 577.2 | 579.7 | 582.7 | 585.6 | 588.6 | 591.5 | 592.6 | 593.7 |
| 127.5° | 614.6 | 616.9 | 619.1 | 621.4 | 623.6 | 625.8 | 628.0 | 630.2 | 632.4 | 634.0 | 635.6 |
| 130° | 642.3 | 644.8 | 647.3 | 649.8 | 651.9 | 653.6 | 655.3 | 657.0 | 658.8 | 660.5 | 662.2 |
| 132.5° | 670.0 | 672.1 | 674.2 | 676.3 | 678.2 | 679.9 | 681.6 | 683.4 | 685.1 | 686.5 | 688.0 |
| 135° | 706.7 | 709.2 | 711.7 | 714.2 | 716.2 | 717.6 | 719.0 | 720.4 | 721.8 | 723.3 | 724.9 |
| 137.5° | 742.8 | 744.6 | 746.3 | 748.0 | 749.7 | 751.3 | 752.9 | 754.5 | 756.1 | 757.6 | 759.1 |
| 140° | 766.4 | 767.6 | 768.9 | 770.1 | 771.6 | 773.3 | 775.0 | 776.7 | 778.5 | 779.9 | 781.3 |
| 142.5° | 786.4 | 787.6 | 788.7 | 789.8 | 791.3 | 793.3 | 795.3 | 797.2 | 799.2 | 800.5 | 801.7 |
| 145° | 816.8 | 816.7 | 816.5 | 816.3 | 817.6 | 820.2 | 822.9 | 825.5 | 828.2 | 829.3 | 830.3 |
| 147.5° | 844.0 | 843.4 | 842.8 | 842.2 | 843.2 | 845.8 | 848.4 | 851.0 | 853.6 | 854.5 | 855.3 |
| 150° | 861.4 | 860.3 | 859.2 | 858.1 | 858.8 | 861.3 | 863.8 | 866.3 | 868.8 | 869.7 | 870.6 |
| 152.5° | 876.4 | 875.2 | 873.9 | 872.7 | 873.3 | 875.7 | 878.0 | 880.4 | 882.8 | 883.7 | 884.6 |
| 155° | 898.2 | 896.8 | 895.4 | 894.0 | 894.2 | 896.1 | 897.9 | 899.8 | 901.7 | 902.6 | 903.5 |
| 157.5° | 915.6 | 914.4 | 913.2 | 912.1 | 912.1 | 913.4 | 914.7 | 916.0 | 917.3 | 918.4 | 919.5 |
| 160° | 925.9 | 925.0 | 924.1 | 923.1 | 923.1 | 924.1 | 925.0 | 925.9 | 926.9 | 927.8 | 928.7 |
| 162.5° | 934.9 | 934.0 | 933.0 | 932.1 | 932.0 | 932.8 | 933.7 | 934.5 | 935.3 | 936.3 | 937.4 |
| 165° | 946.9 | 946.0 | 945.1 | 944.1 | 943.9 | 944.4 | 944.8 | 945.3 | 945.8 | 946.9 | 948.0 |
| 167.5° | 955.9 | 955.0 | 954.0 | 953.1 | 952.9 | 953.3 | 953.7 | 954.2 | 954.6 | 955.7 | 956.8 |
| 170° | 960.9 | 960.0 | 959.1 | 958.1 | 957.8 | 958.1 | 958.5 | 958.8 | 959.1 | 960.2 | 961.3 |
| 172.5° | 964.3 | 963.4 | 962.4 | 961.5 | 961.2 | 961.5 | 961.8 | 962.1 | 962.4 | 963.5 | 964.6 |
| 175° | 968.5 | 967.4 | 966.3 | 965.2 | 964.8 | 965.1 | 965.5 | 965.8 | 966.1 | 967.2 | 968.3 |
| 177.5° | 969.4 | 968.5 | 967.7 | 966.8 | 966.4 | 966.5 | 966.7 | 966.8 | 966.9 | 967.8 | 968.7 |
| 180° | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 | 1328.3 |
| 2.5° | 1377.7 | 1383.4 | 1383.4 | 1384.2 | 1390.8 | 1389.9 | 1389.5 |
| 5° | 1466.1 | 1474.8 | 1475.8 | 1485.0 | 1491.1 | 1489.1 | 1483.5 |
| 7.5° | 1549.5 | 1565.7 | 1577.9 | 1584.7 | 1592.8 | 1597.8 | 1595.6 |
| 10° | 1615.7 | 1639.2 | 1653.5 | 1663.2 | 1674.9 | 1683.6 | 1680.5 |
| 12.5° | 1675.7 | 1703.7 | 1723.3 | 1739.9 | 1741.5 | 1752.6 | 1745.0 |
| 15° | 1769.3 | 1798.9 | 1802.0 | 1814.3 | 1824.0 | 1822.9 | 1823.4 |
| 17.5° | 1800.3 | 1809.8 | 1811.7 | 1812.0 | 1812.1 | 1808.5 | 1800.8 |
| 20° | 1789.2 | 1785.7 | 1777.0 | 1770.4 | 1758.6 | 1757.1 | 1746.9 |
| 22.5° | 1737.0 | 1725.6 | 1703.9 | 1689.5 | 1671.2 | 1666.4 | 1663.6 |
| 25° | 1634.1 | 1609.0 | 1574.3 | 1541.1 | 1532.0 | 1514.1 | 1519.2 |
| 27.5° | 1492.9 | 1453.9 | 1416.3 | 1389.3 | 1364.9 | 1338.2 | 1345.8 |
| 30° | 1393.6 | 1349.7 | 1296.6 | 1255.8 | 1229.8 | 1204.2 | 1199.6 |
| 32.5° | 1275.2 | 1210.9 | 1151.6 | 1115.7 | 1075.8 | 1059.7 | 1042.0 |
| 35° | 1071.0 | 1008.2 | 949.5 | 899.0 | 869.9 | 847.4 | 827.0 |
| 37.5° | 887.3 | 815.0 | 767.7 | 726.7 | 705.7 | 692.8 | 696.1 |
| 40° | 773.4 | 710.1 | 675.4 | 644.2 | 624.8 | 615.6 | 617.7 |
| 42.5° | 681.1 | 633.7 | 605.1 | 583.8 | 570.1 | 565.0 | 563.8 |
| 45° | 576.3 | 549.8 | 526.3 | 514.1 | 507.4 | 501.8 | 498.2 |
| 47.5° | 504.9 | 483.2 | 470.0 | 462.7 | 456.9 | 451.2 | 451.1 |
| 50° | 462.0 | 447.7 | 438.5 | 430.8 | 426.3 | 422.2 | 425.7 |
| 52.5° | 429.3 | 416.2 | 407.1 | 400.2 | 398.5 | 394.8 | 394.7 |
| 55° | 380.8 | 370.6 | 364.0 | 357.8 | 354.8 | 352.7 | 350.2 |
| 57.5° | 336.7 | 327.0 | 320.9 | 317.0 | 311.2 | 309.1 | 308.3 |
| 60° | 305.3 | 297.6 | 291.5 | 286.4 | 283.8 | 279.7 | 279.7 |
| 62.5° | 276.3 | 268.6 | 262.9 | 259.0 | 254.8 | 253.2 | 253.6 |
| 65° | 234.3 | 228.2 | 222.6 | 218.5 | 217.5 | 214.4 | 215.4 |
| 67.5° | 195.7 | 191.6 | 185.7 | 183.5 | 181.5 | 179.9 | 178.7 |
| 70° | 170.0 | 165.9 | 162.8 | 159.8 | 158.2 | 158.2 | 158.2 |
| 72.5° | 148.3 | 143.4 | 141.6 | 137.7 | 138.6 | 137.0 | 135.4 |
| 75° | 114.9 | 111.8 | 110.3 | 108.7 | 106.2 | 106.2 | 106.2 |
| 77.5° | 84.5 | 83.6 | 81.8 | 80.1 | 79.5 | 79.0 | 79.2 |
| 80° | 65.3 | 64.8 | 63.8 | 63.8 | 62.8 | 62.3 | 61.3 |
| 82.5° | 50.2 | 48.9 | 48.3 | 47.9 | 47.7 | 47.6 | 47.4 |
| 85° | 28.6 | 27.6 | 27.6 | 28.1 | 27.1 | 27.1 | 27.6 |
| 87.5° | 14.3 | 14.4 | 14.1 | 14.2 | 14.7 | 14.3 | 14.4 |
| 90° | 16.3 | 17.1 | 17.7 | 18.0 | 18.3 | 18.6 | 18.9 |
| 92.5° | 17.5 | 17.9 | 18.2 | 18.3 | 18.5 | 18.7 | 18.9 |
| 95° | 29.6 | 30.4 | 30.7 | 30.6 | 30.4 | 30.3 | 30.1 |
| 97.5° | 38.4 | 39.0 | 39.4 | 39.6 | 39.8 | 40.0 | 40.2 |
| 100° | 43.6 | 44.9 | 45.7 | 46.0 | 46.3 | 46.6 | 46.9 |
| 102.5° | 45.9 | 47.5 | 48.5 | 49.0 | 49.4 | 49.8 | 50.3 |
| 105° | 47.8 | 49.5 | 50.7 | 51.3 | 52.0 | 52.6 | 53.2 |
| 107.5° | 54.6 | 52.8 | 52.3 | 52.9 | 53.5 | 54.1 | 54.7 |
| 110° | 75.8 | 60.3 | 52.8 | 53.4 | 54.1 | 54.7 | 55.3 |



TEST NUMBER: P331531

CATALOG NUMBER: S122DIW-S675D710U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 138.8 | 82.0 | 53.9 | 54.4 | 54.9 | 55.4 | 55.9 |
| 115° | 215.8 | 143.8 | 102.2 | 91.0 | 79.8 | 68.6 | 57.4 |
| 117.5° | 426.1 | 408.7 | 381.6 | 344.8 | 308.0 | 271.2 | 234.4 |
| 120° | 518.7 | 520.6 | 511.0 | 490.0 | 469.0 | 448.0 | 427.0 |
| 122.5° | 549.5 | 550.7 | 549.2 | 545.1 | 541.0 | 537.0 | 532.9 |
| 125° | 594.8 | 595.9 | 596.7 | 597.1 | 597.6 | 598.1 | 598.5 |
| 127.5° | 637.2 | 638.8 | 639.6 | 639.7 | 639.8 | 639.9 | 640.0 |
| 130° | 663.9 | 665.6 | 666.4 | 666.2 | 666.1 | 665.9 | 665.8 |
| 132.5° | 689.5 | 690.9 | 691.6 | 691.4 | 691.3 | 691.1 | 691.0 |
| 135° | 726.4 | 728.0 | 728.6 | 728.3 | 728.0 | 727.7 | 727.4 |
| 137.5° | 760.6 | 762.2 | 762.7 | 762.1 | 761.6 | 761.1 | 760.5 |
| 140° | 782.7 | 784.1 | 784.4 | 783.6 | 782.8 | 782.0 | 781.3 |
| 142.5° | 803.0 | 804.3 | 804.5 | 803.8 | 803.0 | 802.2 | 801.4 |
| 145° | 831.4 | 832.5 | 832.7 | 831.9 | 831.1 | 830.3 | 829.6 |
| 147.5° | 856.1 | 856.9 | 857.0 | 856.3 | 855.7 | 855.0 | 854.3 |
| 150° | 871.6 | 872.5 | 872.6 | 871.8 | 871.0 | 870.2 | 869.5 |
| 152.5° | 885.6 | 886.5 | 886.5 | 885.4 | 884.4 | 883.4 | 882.3 |
| 155° | 904.5 | 905.4 | 905.2 | 904.0 | 902.8 | 901.5 | 900.3 |
| 157.5° | 920.5 | 921.6 | 921.5 | 920.3 | 919.1 | 917.9 | 916.6 |
| 160° | 929.7 | 930.6 | 930.5 | 929.4 | 928.3 | 927.3 | 926.2 |
| 162.5° | 938.4 | 939.5 | 939.4 | 938.0 | 936.7 | 935.3 | 934.0 |
| 165° | 949.0 | 950.1 | 950.1 | 949.0 | 948.0 | 946.9 | 945.8 |
| 167.5° | 957.9 | 958.9 | 958.8 | 957.4 | 956.0 | 954.6 | 953.2 |
| 170° | 962.3 | 963.4 | 963.3 | 961.9 | 960.5 | 959.1 | 957.7 |
| 172.5° | 965.7 | 966.8 | 966.6 | 965.2 | 963.8 | 962.4 | 961.0 |
| 175° | 969.3 | 970.4 | 970.2 | 968.6 | 967.1 | 965.5 | 964.0 |
| 177.5° | 969.5 | 970.4 | 970.3 | 969.2 | 968.0 | 966.9 | 965.8 |
| 180° | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 | 967.5 |

(END OF REPORT)