

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: P332157-935

Luminaire Tested: **S123DIW-S775D755U935-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332157-935
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-9,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123DIW-S775D755U935-4F0-1E-UDD-A1
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 775 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 755 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5064.4 lumens
Efficiency: N/A
Efficacy: 112.5 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: General Diffuse

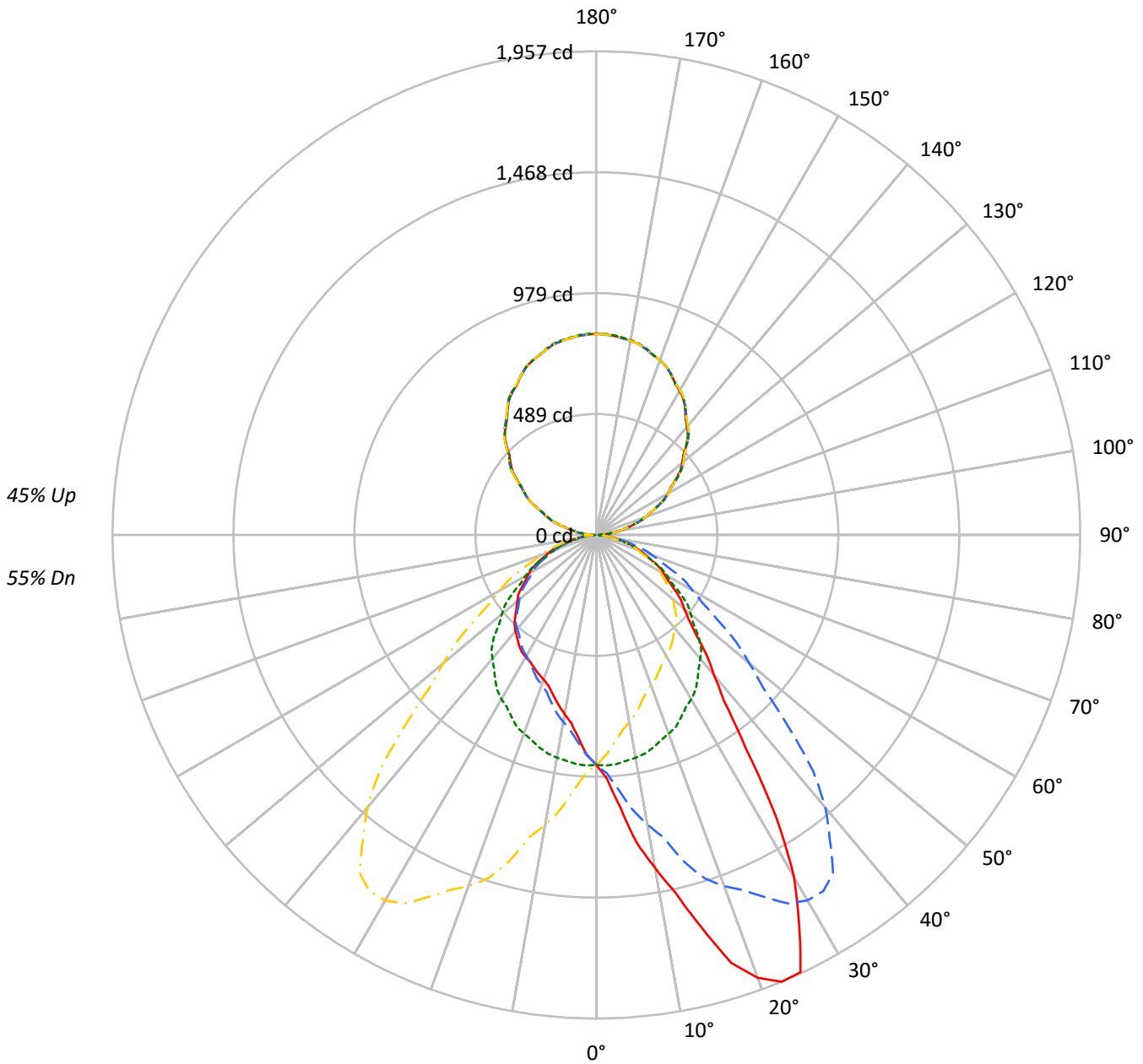
Input Watts (W): 45
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



TEST NUMBER: P332157-935

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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 | 108 | 108 | 108 | 108 | 101 | 101 | 101 | 101 | 86 | 86 | 86 | 73 | 73 | 73 | 61 | 61 | 61 | 55 |
| 1 | 99 | 95 | 91 | 88 | 92 | 89 | 85 | 82 | 76 | 74 | 72 | 65 | 63 | 62 | 55 | 53 | 52 | 47 |
| 2 | 91 | 83 | 77 | 72 | 84 | 78 | 72 | 68 | 67 | 63 | 60 | 57 | 54 | 52 | 48 | 46 | 44 | 40 |
| 3 | 83 | 74 | 66 | 60 | 77 | 69 | 62 | 57 | 59 | 55 | 51 | 51 | 47 | 44 | 43 | 40 | 38 | 34 |
| 4 | 76 | 65 | 57 | 51 | 70 | 61 | 54 | 49 | 53 | 48 | 43 | 46 | 41 | 38 | 39 | 36 | 33 | 30 |
| 5 | 70 | 58 | 50 | 44 | 65 | 55 | 47 | 42 | 48 | 42 | 37 | 41 | 37 | 33 | 35 | 32 | 29 | 26 |
| 6 | 64 | 52 | 44 | 38 | 60 | 49 | 42 | 37 | 43 | 37 | 33 | 37 | 33 | 29 | 32 | 28 | 26 | 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 | 36 | 30 | 26 | 31 | 26 | 23 | 27 | 23 | 20 | 18 |
| 9 | 52 | 39 | 32 | 27 | 48 | 37 | 30 | 26 | 33 | 27 | 23 | 28 | 24 | 21 | 25 | 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° | 10014 | 10014 | 10014 | 10014 |
| 5° | 11943 | 10057 | 8912 | 10057 |
| 10° | 14948 | 10006 | 8050 | 10006 |
| 15° | 18333 | 9926 | 7494 | 9926 |
| 20° | 21841 | 9800 | 7135 | 9800 |
| 25° | 23192 | 9647 | 7056 | 9647 |
| 30° | 19877 | 9536 | 7093 | 9536 |
| 35° | 13825 | 9376 | 7167 | 9376 |
| 40° | 10413 | 9190 | 7144 | 9190 |
| 45° | 8645 | 8914 | 7054 | 8914 |
| 50° | 7743 | 8348 | 6990 | 8348 |
| 55° | 7240 | 7739 | 6902 | 7739 |
| 60° | 6794 | 7102 | 6833 | 7102 |
| 65° | 6383 | 6477 | 6612 | 6477 |
| 70° | 5986 | 5759 | 6297 | 5759 |
| 75° | 5361 | 5041 | 5772 | 5041 |
| 80° | 4699 | 4135 | 4971 | 4135 |
| 85° | 3680 | 3013 | 3335 | 3013 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 91.6 | 1.8 |
| 10°-20° | 293.9 | 5.8 |
| 20°-30° | 493.2 | 9.7 |
| 30°-40° | 558.5 | 11.0 |
| 40°-50° | 500.8 | 9.9 |
| 50°-60° | 404.1 | 8.0 |
| 60°-70° | 281.6 | 5.6 |
| 70°-80° | 148.0 | 2.9 |
| 80°-90° | 38.6 | 0.8 |
| 90°-100° | 53.0 | 1.0 |
| 100°-110° | 158.6 | 3.1 |
| 110°-120° | 269.8 | 5.3 |
| 120°-130° | 354.9 | 7.0 |
| 130°-140° | 398.9 | 7.9 |
| 140°-150° | 392.1 | 7.7 |
| 150°-160° | 330.1 | 6.5 |
| 160°-170° | 219.7 | 4.3 |
| 170°-180° | 76.9 | 1.5 |
| 0°-30° | 878.7 | 17.4 |
| 0°-40° | 1437.2 | 28.4 |
| 0°-60° | 2342.1 | 46.2 |
| 0°-90° | 2810.4 | 55.5 |
| 90°-120° | 481.4 | 9.5 |
| 90°-150° | 1627.3 | 32.1 |
| 90°-180° | 2254.0 | 44.5 |
| 0°-180° | 5064.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 930 | 930 | 930 | 930 | 930 | |
| 5° | 1105 | 931 | 825 | 931 | 1105 | 115 |
| 15° | 1645 | 891 | 672 | 891 | 1645 | 475 |
| 25° | 1953 | 812 | 594 | 812 | 1953 | 856 |
| 35° | 1052 | 714 | 545 | 714 | 1052 | 684 |
| 45° | 568 | 586 | 463 | 586 | 568 | 449 |
| 55° | 386 | 412 | 368 | 412 | 386 | 346 |
| 65° | 251 | 254 | 260 | 254 | 251 | 250 |
| 75° | 129 | 121 | 139 | 121 | 129 | 138 |
| 85° | 30 | 24 | 27 | 24 | 30 | 36 |
| 90° | 19 | 1 | 19 | 1 | 19 | 11 |
| 95° | 50 | 38 | 50 | 38 | 50 | 51 |
| 105° | 152 | 144 | 152 | 144 | 152 | 161 |
| 115° | 272 | 272 | 272 | 272 | 272 | 270 |
| 125° | 393 | 398 | 393 | 398 | 393 | 351 |
| 135° | 515 | 516 | 515 | 516 | 515 | 396 |
| 145° | 626 | 626 | 626 | 626 | 626 | 391 |
| 155° | 715 | 716 | 715 | 716 | 715 | 329 |
| 165° | 778 | 780 | 778 | 780 | 778 | 219 |
| 175° | 808 | 812 | 808 | 812 | 808 | 77 |
| 180° | 814 | 814 | 814 | 814 | 814 | |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 |
| 2.5° | 987.3 | 986.6 | 984.8 | 986.3 | 983.3 | 979.4 | 979.0 | 975.4 | 964.9 | 964.2 | 961.4 |
| 5° | 1105.3 | 1101.6 | 1101.2 | 1100.7 | 1094.4 | 1085.9 | 1069.6 | 1068.2 | 1046.6 | 1035.8 | 1022.8 |
| 7.5° | 1257.9 | 1259.8 | 1253.3 | 1247.5 | 1228.2 | 1215.5 | 1198.1 | 1175.8 | 1149.3 | 1122.3 | 1104.3 |
| 10° | 1367.6 | 1382.4 | 1364.0 | 1351.3 | 1339.6 | 1317.5 | 1291.8 | 1259.8 | 1227.9 | 1190.4 | 1162.0 |
| 12.5° | 1485.1 | 1492.5 | 1488.8 | 1476.9 | 1458.6 | 1425.0 | 1379.5 | 1344.2 | 1314.7 | 1252.4 | 1227.3 |
| 15° | 1645.2 | 1672.8 | 1655.2 | 1614.5 | 1615.5 | 1583.5 | 1524.0 | 1458.6 | 1423.9 | 1369.3 | 1295.0 |
| 17.5° | 1815.8 | 1819.2 | 1811.7 | 1778.0 | 1755.4 | 1711.4 | 1656.5 | 1593.9 | 1523.5 | 1457.5 | 1378.6 |
| 20° | 1906.7 | 1903.9 | 1888.2 | 1870.6 | 1831.9 | 1797.6 | 1737.7 | 1667.8 | 1577.6 | 1512.7 | 1426.6 |
| 22.5° | 1957.1 | 1952.7 | 1945.2 | 1930.4 | 1898.2 | 1861.4 | 1807.6 | 1731.2 | 1645.5 | 1556.0 | 1456.6 |
| 25° | 1952.7 | 1958.5 | 1959.4 | 1955.3 | 1944.1 | 1922.0 | 1879.6 | 1818.8 | 1733.1 | 1618.2 | 1514.5 |
| 27.5° | 1776.0 | 1784.3 | 1808.4 | 1829.7 | 1853.6 | 1877.9 | 1874.7 | 1844.4 | 1781.1 | 1681.9 | 1555.1 |
| 30° | 1599.2 | 1581.2 | 1625.8 | 1682.2 | 1720.5 | 1788.1 | 1826.0 | 1828.2 | 1792.6 | 1707.4 | 1583.9 |
| 32.5° | 1354.0 | 1373.9 | 1393.6 | 1462.9 | 1546.7 | 1622.6 | 1698.0 | 1758.7 | 1765.6 | 1708.9 | 1600.9 |
| 35° | 1052.1 | 1076.9 | 1112.9 | 1148.9 | 1239.2 | 1316.6 | 1449.1 | 1564.5 | 1656.5 | 1668.7 | 1602.4 |
| 37.5° | 847.7 | 860.1 | 882.9 | 918.9 | 977.9 | 1069.9 | 1172.4 | 1318.3 | 1451.5 | 1550.6 | 1554.9 |
| 40° | 741.1 | 744.7 | 770.3 | 797.8 | 845.6 | 921.4 | 1013.7 | 1142.6 | 1302.2 | 1440.6 | 1498.3 |
| 42.5° | 661.0 | 668.9 | 679.8 | 706.2 | 744.2 | 801.2 | 887.2 | 993.7 | 1140.0 | 1299.2 | 1412.1 |
| 45° | 567.9 | 577.0 | 583.8 | 601.3 | 628.4 | 666.7 | 726.6 | 824.0 | 935.3 | 1099.8 | 1251.7 |
| 47.5° | 506.4 | 507.2 | 512.2 | 525.5 | 543.9 | 572.7 | 615.0 | 677.6 | 779.8 | 913.2 | 1069.2 |
| 50° | 462.4 | 469.7 | 471.5 | 481.8 | 496.3 | 517.5 | 552.6 | 605.8 | 689.7 | 806.8 | 950.2 |
| 52.5° | 431.4 | 433.6 | 438.7 | 446.2 | 458.7 | 475.3 | 505.8 | 547.4 | 613.2 | 713.1 | 844.9 |
| 55° | 385.8 | 385.8 | 390.8 | 396.7 | 403.9 | 418.7 | 439.0 | 469.7 | 519.7 | 597.3 | 706.4 |
| 57.5° | 343.6 | 345.9 | 349.4 | 351.2 | 357.3 | 367.2 | 384.1 | 407.4 | 444.7 | 504.4 | 591.1 |
| 60° | 315.6 | 319.6 | 319.2 | 322.7 | 328.1 | 335.8 | 350.3 | 369.2 | 402.5 | 450.3 | 523.3 |
| 62.5° | 291.0 | 290.8 | 290.7 | 295.0 | 300.4 | 307.7 | 317.0 | 333.5 | 361.8 | 404.2 | 466.3 |
| 65° | 250.6 | 249.7 | 252.9 | 255.5 | 257.4 | 262.8 | 270.0 | 284.4 | 303.3 | 334.9 | 383.1 |
| 67.5° | 214.7 | 212.2 | 213.9 | 214.7 | 217.8 | 222.1 | 228.8 | 237.7 | 252.8 | 278.1 | 314.4 |
| 70° | 190.2 | 188.0 | 187.5 | 188.4 | 191.1 | 194.2 | 199.2 | 207.8 | 221.8 | 242.0 | 268.6 |
| 72.5° | 165.0 | 163.4 | 163.3 | 165.3 | 166.6 | 168.7 | 172.2 | 180.0 | 191.1 | 206.4 | 231.2 |
| 75° | 128.9 | 128.9 | 128.9 | 129.3 | 130.7 | 132.5 | 135.3 | 139.3 | 147.8 | 158.7 | 175.3 |
| 77.5° | 96.6 | 96.5 | 96.0 | 95.9 | 97.9 | 98.8 | 99.4 | 103.1 | 107.9 | 115.2 | 127.3 |
| 80° | 75.8 | 73.4 | 74.4 | 75.8 | 76.6 | 77.1 | 78.4 | 79.3 | 83.4 | 87.5 | 96.0 |
| 82.5° | 56.2 | 54.3 | 54.5 | 56.7 | 56.8 | 57.3 | 58.6 | 59.8 | 61.4 | 65.1 | 69.7 |
| 85° | 29.8 | 29.8 | 30.2 | 30.2 | 30.7 | 30.2 | 31.5 | 32.0 | 32.0 | 34.3 | 36.9 |
| 87.5° | 14.6 | 13.9 | 14.2 | 14.5 | 14.0 | 14.4 | 14.6 | 14.8 | 15.1 | 15.3 | 15.3 |
| 90° | 19.2 | 18.9 | 18.6 | 18.3 | 18.0 | 17.7 | 17.0 | 16.4 | 15.9 | 15.3 | 13.5 |
| 92.5° | 25.8 | 26.0 | 26.2 | 26.3 | 26.5 | 26.3 | 25.9 | 25.5 | 25.0 | 24.5 | 23.5 |
| 95° | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.6 | 49.0 | 48.4 | 47.9 | 47.3 | 46.1 |
| 97.5° | 76.7 | 76.7 | 76.8 | 76.9 | 76.9 | 76.6 | 75.9 | 75.3 | 74.6 | 74.0 | 73.2 |
| 100° | 97.1 | 96.9 | 96.6 | 96.3 | 96.0 | 95.7 | 95.2 | 94.8 | 94.4 | 93.9 | 93.2 |
| 102.5° | 118.1 | 118.1 | 118.2 | 118.3 | 118.3 | 118.1 | 117.7 | 117.3 | 116.8 | 116.4 | 115.5 |
| 105° | 152.1 | 151.8 | 151.5 | 151.3 | 150.9 | 150.8 | 150.8 | 150.8 | 150.8 | 150.8 | 149.6 |
| 107.5° | 187.5 | 187.7 | 187.9 | 188.0 | 188.2 | 188.0 | 187.6 | 187.1 | 186.7 | 186.2 | 185.7 |
| 110° | 211.5 | 211.8 | 212.1 | 212.4 | 212.7 | 212.5 | 212.0 | 211.4 | 210.9 | 210.3 | 210.0 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.1 | 237.1 | 237.2 | 237.3 | 237.3 | 237.0 | 236.3 | 235.7 | 235.0 | 234.3 | 234.2 |
| 115° | 272.2 | 272.4 | 272.5 | 272.7 | 272.9 | 272.9 | 272.7 | 272.5 | 272.4 | 272.2 | 272.5 |
| 117.5° | 307.9 | 308.3 | 308.7 | 309.1 | 309.5 | 309.7 | 309.7 | 309.8 | 309.8 | 309.8 | 310.2 |
| 120° | 332.9 | 333.2 | 333.6 | 333.8 | 334.1 | 334.3 | 334.4 | 334.6 | 334.8 | 334.8 | 335.6 |
| 122.5° | 357.0 | 357.4 | 357.7 | 358.2 | 358.6 | 359.0 | 359.3 | 359.7 | 360.1 | 360.4 | 360.8 |
| 125° | 393.0 | 393.6 | 394.2 | 394.8 | 395.3 | 395.9 | 396.4 | 397.0 | 397.6 | 398.1 | 398.4 |
| 127.5° | 429.0 | 429.6 | 430.2 | 430.9 | 431.5 | 432.3 | 433.1 | 433.9 | 434.6 | 435.5 | 435.8 |
| 130° | 452.5 | 453.5 | 454.4 | 455.5 | 456.4 | 457.2 | 457.8 | 458.4 | 458.9 | 459.5 | 459.9 |
| 132.5° | 477.0 | 477.8 | 478.5 | 479.3 | 480.1 | 480.8 | 481.5 | 482.2 | 482.8 | 483.5 | 483.8 |
| 135° | 515.1 | 515.4 | 515.7 | 515.9 | 516.3 | 516.7 | 517.2 | 517.8 | 518.3 | 518.9 | 519.1 |
| 137.5° | 548.7 | 549.2 | 549.7 | 550.4 | 550.9 | 551.5 | 552.0 | 552.6 | 553.2 | 553.8 | 553.5 |
| 140° | 570.7 | 571.7 | 572.7 | 573.7 | 574.6 | 575.2 | 575.4 | 575.5 | 575.7 | 575.8 | 575.7 |
| 142.5° | 593.1 | 593.9 | 594.7 | 595.5 | 596.2 | 596.7 | 596.8 | 597.0 | 597.1 | 597.3 | 597.0 |
| 145° | 625.7 | 626.2 | 626.8 | 627.3 | 627.9 | 628.3 | 628.4 | 628.5 | 628.7 | 628.9 | 628.4 |
| 147.5° | 654.5 | 655.4 | 656.3 | 657.1 | 658.0 | 658.4 | 658.4 | 658.4 | 658.4 | 658.4 | 658.0 |
| 150° | 673.0 | 673.8 | 674.7 | 675.5 | 676.3 | 676.7 | 676.7 | 676.7 | 676.7 | 676.7 | 676.5 |
| 152.5° | 690.9 | 691.6 | 692.3 | 693.0 | 693.8 | 694.1 | 693.8 | 693.6 | 693.4 | 693.1 | 692.9 |
| 155° | 715.1 | 716.1 | 717.1 | 718.1 | 719.1 | 719.3 | 718.8 | 718.2 | 717.6 | 717.0 | 716.9 |
| 157.5° | 737.2 | 738.0 | 738.8 | 739.6 | 740.4 | 740.5 | 739.9 | 739.3 | 738.7 | 738.1 | 738.0 |
| 160° | 751.6 | 752.1 | 752.7 | 753.3 | 753.8 | 753.7 | 753.0 | 752.3 | 751.7 | 750.9 | 750.9 |
| 162.5° | 762.2 | 763.2 | 764.1 | 765.0 | 765.9 | 766.0 | 765.3 | 764.6 | 763.9 | 763.2 | 763.1 |
| 165° | 777.7 | 778.8 | 779.7 | 780.8 | 781.7 | 781.8 | 780.9 | 780.1 | 779.2 | 778.3 | 778.3 |
| 167.5° | 790.9 | 791.8 | 792.6 | 793.6 | 794.4 | 794.4 | 793.6 | 792.6 | 791.8 | 790.9 | 790.8 |
| 170° | 797.5 | 798.6 | 799.5 | 800.6 | 801.5 | 801.5 | 800.6 | 799.5 | 798.6 | 797.5 | 797.5 |
| 172.5° | 802.7 | 803.7 | 804.7 | 805.6 | 806.7 | 806.7 | 805.8 | 804.9 | 804.1 | 803.1 | 803.1 |
| 175° | 808.4 | 809.4 | 810.4 | 811.4 | 812.4 | 812.4 | 811.6 | 810.8 | 809.9 | 809.1 | 809.1 |
| 177.5° | 811.5 | 812.3 | 813.0 | 813.9 | 814.7 | 814.8 | 814.1 | 813.4 | 812.7 | 812.0 | 812.0 |
| 180° | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 0° | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 |
| 2.5° | 959.2 | 956.3 | 953.4 | 948.4 | 944.1 | 937.9 | 936.1 | 933.9 | 927.5 | 921.7 | 917.4 |
| 5° | 1017.8 | 1006.9 | 991.2 | 976.8 | 965.1 | 949.3 | 940.3 | 930.8 | 917.3 | 905.1 | 895.2 |
| 7.5° | 1079.1 | 1057.8 | 1033.3 | 1006.8 | 982.1 | 958.3 | 939.1 | 922.0 | 903.0 | 885.1 | 871.2 |
| 10° | 1127.7 | 1097.1 | 1062.9 | 1025.9 | 994.4 | 963.7 | 938.0 | 915.5 | 891.1 | 870.0 | 852.4 |
| 12.5° | 1183.3 | 1137.9 | 1090.6 | 1045.8 | 1008.4 | 965.9 | 934.8 | 906.1 | 878.5 | 853.0 | 833.3 |
| 15° | 1249.1 | 1191.4 | 1135.4 | 1073.7 | 1016.9 | 963.7 | 926.8 | 890.7 | 858.7 | 832.5 | 807.3 |
| 17.5° | 1308.9 | 1243.5 | 1169.8 | 1094.8 | 1026.2 | 963.2 | 911.5 | 870.6 | 830.6 | 798.7 | 773.5 |
| 20° | 1342.8 | 1268.4 | 1185.0 | 1107.1 | 1031.3 | 961.0 | 904.2 | 855.5 | 812.3 | 778.4 | 750.0 |
| 22.5° | 1372.0 | 1285.0 | 1198.7 | 1115.3 | 1031.0 | 955.2 | 890.9 | 840.8 | 793.8 | 760.8 | 730.6 |
| 25° | 1402.3 | 1298.1 | 1211.6 | 1113.8 | 1019.6 | 941.2 | 869.0 | 812.3 | 765.3 | 726.6 | 695.5 |
| 27.5° | 1428.2 | 1297.3 | 1194.6 | 1089.3 | 1001.8 | 923.2 | 846.1 | 785.2 | 735.5 | 693.4 | 661.8 |
| 30° | 1445.5 | 1299.1 | 1176.9 | 1072.8 | 984.5 | 903.3 | 828.5 | 767.2 | 714.9 | 672.1 | 642.3 |
| 32.5° | 1456.4 | 1298.0 | 1160.7 | 1049.7 | 957.0 | 885.3 | 809.3 | 745.9 | 692.2 | 650.1 | 621.4 |
| 35° | 1462.7 | 1290.0 | 1132.7 | 1002.0 | 912.7 | 842.9 | 779.4 | 713.5 | 657.2 | 617.9 | 585.6 |
| 37.5° | 1450.1 | 1273.3 | 1100.3 | 956.1 | 858.3 | 789.5 | 736.1 | 680.0 | 626.1 | 582.9 | 555.0 |
| 40° | 1430.2 | 1262.6 | 1075.0 | 923.6 | 820.8 | 754.6 | 709.0 | 654.0 | 600.8 | 559.8 | 533.6 |
| 42.5° | 1392.3 | 1240.5 | 1047.2 | 887.5 | 781.9 | 715.6 | 673.7 | 627.8 | 577.4 | 538.9 | 512.8 |
| 45° | 1299.9 | 1192.7 | 1005.6 | 833.4 | 724.4 | 655.8 | 618.9 | 585.6 | 540.0 | 502.6 | 480.0 |
| 47.5° | 1171.7 | 1120.7 | 945.4 | 776.4 | 664.3 | 598.4 | 560.0 | 533.1 | 499.9 | 469.7 | 448.1 |
| 50° | 1082.7 | 1061.5 | 904.7 | 737.4 | 624.3 | 559.8 | 522.9 | 498.5 | 474.7 | 444.4 | 424.6 |
| 52.5° | 979.9 | 993.0 | 857.0 | 697.1 | 583.5 | 520.1 | 485.3 | 466.1 | 444.4 | 419.6 | 402.3 |
| 55° | 835.3 | 882.5 | 774.8 | 629.2 | 522.9 | 462.4 | 429.6 | 412.4 | 399.8 | 381.3 | 366.4 |
| 57.5° | 699.7 | 760.0 | 686.0 | 559.4 | 463.3 | 411.2 | 379.6 | 360.9 | 352.8 | 343.2 | 331.5 |
| 60° | 619.3 | 678.8 | 622.5 | 512.5 | 423.3 | 373.7 | 345.7 | 329.9 | 321.8 | 315.0 | 305.1 |
| 62.5° | 547.6 | 607.8 | 560.4 | 464.9 | 383.9 | 337.9 | 313.7 | 298.3 | 291.9 | 288.3 | 279.9 |
| 65° | 448.9 | 500.8 | 469.2 | 390.8 | 327.7 | 287.1 | 265.0 | 254.3 | 248.4 | 247.0 | 241.6 |
| 67.5° | 365.4 | 404.8 | 381.9 | 324.2 | 274.5 | 239.4 | 220.7 | 211.5 | 207.0 | 206.6 | 202.5 |
| 70° | 310.6 | 347.5 | 329.9 | 277.7 | 234.9 | 207.3 | 191.1 | 183.0 | 180.3 | 179.9 | 177.6 |
| 72.5° | 268.0 | 293.8 | 279.8 | 236.2 | 203.1 | 178.1 | 166.3 | 157.7 | 154.7 | 155.3 | 153.8 |
| 75° | 198.3 | 217.7 | 209.6 | 179.4 | 152.8 | 136.6 | 126.7 | 121.2 | 118.6 | 119.9 | 118.1 |
| 77.5° | 142.7 | 155.0 | 147.7 | 126.7 | 110.4 | 98.6 | 91.4 | 88.0 | 85.6 | 85.5 | 84.6 |
| 80° | 107.7 | 114.9 | 110.9 | 98.2 | 84.7 | 74.8 | 69.0 | 66.7 | 65.3 | 64.9 | 64.5 |
| 82.5° | 76.7 | 82.8 | 78.1 | 69.4 | 60.2 | 54.2 | 51.0 | 48.0 | 47.0 | 47.3 | 46.8 |
| 85° | 38.7 | 41.0 | 39.2 | 33.8 | 30.2 | 27.5 | 25.7 | 24.4 | 23.4 | 23.8 | 23.0 |
| 87.5° | 15.7 | 15.7 | 14.2 | 12.5 | 11.5 | 10.1 | 9.8 | 8.8 | 8.4 | 8.6 | 8.5 |
| 90° | 11.6 | 9.8 | 7.9 | 6.3 | 4.9 | 3.4 | 2.1 | 0.6 | 2.1 | 3.4 | 4.9 |
| 92.5° | 22.5 | 21.4 | 20.3 | 19.3 | 18.3 | 17.4 | 16.4 | 15.5 | 16.4 | 17.4 | 18.3 |
| 95° | 45.0 | 43.9 | 42.7 | 41.7 | 40.7 | 39.7 | 38.7 | 37.7 | 38.7 | 39.7 | 40.7 |
| 97.5° | 72.3 | 71.5 | 70.7 | 69.9 | 69.2 | 68.4 | 67.7 | 67.0 | 67.7 | 68.4 | 69.2 |
| 100° | 92.6 | 91.8 | 91.1 | 90.3 | 89.5 | 88.6 | 87.7 | 86.9 | 87.7 | 88.6 | 89.5 |
| 102.5° | 114.6 | 113.7 | 112.7 | 111.9 | 111.4 | 111.0 | 110.5 | 109.9 | 110.5 | 111.0 | 111.4 |
| 105° | 148.3 | 147.0 | 145.7 | 144.9 | 144.6 | 144.4 | 144.0 | 143.8 | 144.0 | 144.4 | 144.6 |
| 107.5° | 185.2 | 184.7 | 184.2 | 183.8 | 183.7 | 183.5 | 183.3 | 183.1 | 183.3 | 183.5 | 183.7 |
| 110° | 209.7 | 209.4 | 209.1 | 208.8 | 208.5 | 208.3 | 208.0 | 207.7 | 208.0 | 208.3 | 208.5 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 234.2 | 234.1 | 234.0 | 233.9 | 233.8 | 233.6 | 233.4 | 233.2 | 233.4 | 233.6 | 233.8 |
| 115° | 272.9 | 273.1 | 273.4 | 273.3 | 272.9 | 272.4 | 272.0 | 271.6 | 272.0 | 272.4 | 272.9 |
| 117.5° | 310.6 | 310.9 | 311.3 | 311.3 | 311.1 | 310.7 | 310.5 | 310.2 | 310.5 | 310.7 | 311.1 |
| 120° | 336.3 | 337.0 | 337.7 | 337.7 | 336.8 | 336.0 | 335.1 | 334.2 | 335.1 | 336.0 | 336.8 |
| 122.5° | 361.2 | 361.5 | 361.9 | 361.8 | 361.2 | 360.5 | 359.9 | 359.3 | 359.9 | 360.5 | 361.2 |
| 125° | 398.7 | 399.0 | 399.2 | 399.2 | 398.8 | 398.4 | 398.0 | 397.5 | 398.0 | 398.4 | 398.8 |
| 127.5° | 436.1 | 436.4 | 436.7 | 436.4 | 435.5 | 434.6 | 433.7 | 432.7 | 433.7 | 434.6 | 435.5 |
| 130° | 460.4 | 460.8 | 461.2 | 460.8 | 459.7 | 458.6 | 457.4 | 456.3 | 457.4 | 458.6 | 459.7 |
| 132.5° | 484.1 | 484.5 | 484.7 | 484.4 | 483.2 | 482.1 | 481.0 | 479.8 | 481.0 | 482.1 | 483.2 |
| 135° | 519.2 | 519.4 | 519.5 | 519.1 | 518.3 | 517.5 | 516.6 | 515.7 | 516.6 | 517.5 | 518.3 |
| 137.5° | 553.1 | 552.7 | 552.3 | 551.8 | 551.1 | 550.4 | 549.7 | 549.0 | 549.7 | 550.4 | 551.1 |
| 140° | 575.5 | 575.4 | 575.2 | 574.8 | 574.1 | 573.4 | 572.7 | 572.0 | 572.7 | 573.4 | 574.1 |
| 142.5° | 596.8 | 596.5 | 596.2 | 595.7 | 595.0 | 594.3 | 593.7 | 593.0 | 593.7 | 594.3 | 595.0 |
| 145° | 628.0 | 627.6 | 627.2 | 626.8 | 626.5 | 626.2 | 625.9 | 625.7 | 625.9 | 626.2 | 626.5 |
| 147.5° | 657.5 | 657.2 | 656.8 | 656.3 | 655.8 | 655.3 | 654.8 | 654.3 | 654.8 | 655.3 | 655.8 |
| 150° | 676.2 | 675.9 | 675.6 | 675.4 | 675.1 | 674.8 | 674.5 | 674.2 | 674.5 | 674.8 | 675.1 |
| 152.5° | 692.8 | 692.6 | 692.4 | 692.2 | 691.8 | 691.4 | 691.0 | 690.6 | 691.0 | 691.4 | 691.8 |
| 155° | 716.8 | 716.6 | 716.4 | 716.4 | 716.4 | 716.4 | 716.4 | 716.4 | 716.4 | 716.4 | 716.4 |
| 157.5° | 737.9 | 737.8 | 737.7 | 737.7 | 737.9 | 738.0 | 738.2 | 738.4 | 738.2 | 738.0 | 737.9 |
| 160° | 750.9 | 750.9 | 750.9 | 751.1 | 751.3 | 751.7 | 751.9 | 752.2 | 751.9 | 751.7 | 751.3 |
| 162.5° | 762.9 | 762.8 | 762.8 | 762.8 | 763.3 | 763.6 | 764.1 | 764.5 | 764.1 | 763.6 | 763.3 |
| 165° | 778.3 | 778.3 | 778.3 | 778.6 | 779.0 | 779.5 | 779.9 | 780.3 | 779.9 | 779.5 | 779.0 |
| 167.5° | 790.7 | 790.6 | 790.5 | 790.7 | 791.3 | 791.9 | 792.4 | 793.0 | 792.4 | 791.9 | 791.3 |
| 170° | 797.5 | 797.5 | 797.5 | 797.8 | 798.4 | 799.0 | 799.5 | 800.1 | 799.5 | 799.0 | 798.4 |
| 172.5° | 803.1 | 803.1 | 803.1 | 803.5 | 804.0 | 804.6 | 805.2 | 805.7 | 805.2 | 804.6 | 804.0 |
| 175° | 809.1 | 809.1 | 809.1 | 809.3 | 809.9 | 810.5 | 811.1 | 811.6 | 811.1 | 810.5 | 809.9 |
| 177.5° | 812.0 | 812.0 | 812.0 | 812.3 | 812.7 | 813.1 | 813.6 | 814.1 | 813.6 | 813.1 | 812.7 |
| 180° | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 |
| 2.5° | 914.8 | 912.3 | 908.7 | 903.3 | 899.0 | 892.1 | 892.1 | 893.2 | 893.2 | 892.9 | 892.1 |
| 5° | 887.1 | 880.3 | 872.2 | 862.7 | 852.8 | 842.9 | 841.1 | 837.5 | 834.8 | 833.0 | 830.7 |
| 7.5° | 857.8 | 845.8 | 834.0 | 820.7 | 808.7 | 798.7 | 791.7 | 785.9 | 782.2 | 778.3 | 775.4 |
| 10° | 837.9 | 823.0 | 809.1 | 795.1 | 779.8 | 767.7 | 760.0 | 754.6 | 750.5 | 746.9 | 745.1 |
| 12.5° | 814.5 | 797.5 | 782.0 | 768.8 | 752.0 | 739.5 | 732.2 | 729.7 | 724.9 | 717.3 | 713.3 |
| 15° | 780.2 | 764.5 | 746.0 | 725.7 | 717.6 | 702.2 | 693.7 | 689.7 | 686.9 | 681.1 | 679.2 |
| 17.5° | 751.0 | 730.3 | 709.6 | 694.4 | 679.3 | 666.9 | 662.1 | 657.1 | 653.5 | 648.7 | 647.3 |
| 20° | 727.5 | 709.0 | 690.1 | 673.9 | 658.1 | 644.5 | 640.5 | 636.9 | 633.3 | 631.0 | 629.2 |
| 22.5° | 703.7 | 685.3 | 669.5 | 654.4 | 637.6 | 628.7 | 624.3 | 620.4 | 617.8 | 616.3 | 614.5 |
| 25° | 670.3 | 654.0 | 636.5 | 622.9 | 609.4 | 603.6 | 600.8 | 598.6 | 596.8 | 594.5 | 594.1 |
| 27.5° | 640.3 | 622.7 | 608.4 | 595.8 | 586.1 | 581.2 | 578.6 | 577.5 | 577.9 | 578.7 | 579.2 |
| 30° | 617.9 | 601.8 | 590.0 | 579.2 | 570.2 | 565.7 | 565.2 | 565.2 | 567.1 | 567.5 | 568.4 |
| 32.5° | 597.4 | 584.1 | 572.4 | 561.9 | 555.1 | 552.0 | 553.7 | 553.7 | 555.2 | 556.3 | 557.9 |
| 35° | 567.5 | 555.8 | 546.7 | 537.8 | 531.9 | 533.2 | 534.2 | 535.0 | 537.3 | 540.0 | 541.8 |
| 37.5° | 538.9 | 528.7 | 519.4 | 512.3 | 509.6 | 512.0 | 514.2 | 516.1 | 518.8 | 520.8 | 522.6 |
| 40° | 518.3 | 510.7 | 501.7 | 495.3 | 496.3 | 497.7 | 499.5 | 501.7 | 503.9 | 505.3 | 507.1 |
| 42.5° | 499.2 | 491.2 | 484.4 | 479.1 | 480.4 | 482.2 | 483.2 | 484.4 | 487.0 | 489.4 | 490.5 |
| 45° | 470.1 | 463.8 | 457.5 | 454.3 | 455.3 | 456.2 | 457.0 | 458.4 | 460.6 | 462.4 | 463.0 |
| 47.5° | 437.4 | 433.0 | 428.8 | 425.7 | 427.1 | 426.8 | 427.9 | 430.8 | 431.5 | 432.7 | 435.1 |
| 50° | 416.5 | 412.4 | 407.5 | 406.6 | 406.6 | 406.6 | 407.0 | 410.6 | 410.6 | 412.4 | 414.2 |
| 52.5° | 393.4 | 390.8 | 387.6 | 386.0 | 385.3 | 385.3 | 387.2 | 389.0 | 389.7 | 392.3 | 394.1 |
| 55° | 359.2 | 356.5 | 353.9 | 352.5 | 351.5 | 352.5 | 356.1 | 357.0 | 359.2 | 360.6 | 362.0 |
| 57.5° | 323.6 | 321.6 | 319.4 | 318.7 | 318.5 | 319.7 | 321.7 | 324.3 | 324.9 | 329.1 | 331.1 |
| 60° | 300.2 | 297.0 | 295.2 | 295.2 | 294.4 | 298.4 | 297.5 | 302.0 | 302.9 | 305.6 | 308.8 |
| 62.5° | 276.0 | 271.8 | 271.0 | 271.0 | 272.3 | 273.5 | 274.7 | 276.7 | 279.1 | 282.5 | 285.0 |
| 65° | 237.1 | 234.9 | 238.0 | 237.5 | 236.6 | 239.4 | 239.4 | 241.6 | 244.3 | 247.5 | 252.4 |
| 67.5° | 200.2 | 199.1 | 199.3 | 199.3 | 200.7 | 202.2 | 203.5 | 205.4 | 208.7 | 212.1 | 215.2 |
| 70° | 175.3 | 176.7 | 174.4 | 176.2 | 177.6 | 178.1 | 178.9 | 181.7 | 185.3 | 187.5 | 191.1 |
| 72.5° | 151.2 | 151.1 | 151.4 | 152.1 | 153.4 | 154.2 | 155.2 | 158.3 | 162.2 | 164.1 | 166.9 |
| 75° | 116.3 | 115.8 | 117.2 | 117.2 | 119.4 | 120.4 | 121.2 | 122.6 | 126.2 | 128.9 | 131.1 |
| 77.5° | 84.9 | 85.5 | 85.2 | 86.7 | 86.1 | 86.3 | 89.0 | 90.4 | 90.7 | 96.1 | 97.3 |
| 80° | 64.0 | 64.9 | 65.3 | 65.8 | 66.3 | 65.3 | 68.5 | 69.8 | 69.8 | 73.0 | 75.3 |
| 82.5° | 46.0 | 46.5 | 47.7 | 48.1 | 48.2 | 49.2 | 49.4 | 50.4 | 51.5 | 52.9 | 55.8 |
| 85° | 23.0 | 24.4 | 24.8 | 24.4 | 24.8 | 23.8 | 25.2 | 25.7 | 26.2 | 26.2 | 26.2 |
| 87.5° | 8.4 | 9.1 | 9.2 | 9.9 | 9.9 | 10.7 | 10.8 | 10.2 | 10.2 | 11.5 | 10.1 |
| 90° | 6.3 | 7.9 | 9.8 | 11.6 | 13.5 | 15.3 | 15.9 | 16.4 | 17.0 | 17.7 | 18.0 |
| 92.5° | 19.3 | 20.3 | 21.4 | 22.5 | 23.5 | 24.5 | 25.0 | 25.5 | 25.9 | 26.3 | 26.5 |
| 95° | 41.7 | 42.7 | 43.9 | 45.0 | 46.1 | 47.3 | 47.9 | 48.4 | 49.0 | 49.6 | 49.9 |
| 97.5° | 69.9 | 70.7 | 71.5 | 72.3 | 73.2 | 74.0 | 74.6 | 75.3 | 75.9 | 76.6 | 76.9 |
| 100° | 90.3 | 91.1 | 91.8 | 92.6 | 93.2 | 93.9 | 94.4 | 94.8 | 95.2 | 95.7 | 96.0 |
| 102.5° | 111.9 | 112.7 | 113.7 | 114.6 | 115.5 | 116.4 | 116.8 | 117.3 | 117.7 | 118.1 | 118.3 |
| 105° | 144.9 | 145.7 | 147.0 | 148.3 | 149.6 | 150.8 | 150.8 | 150.8 | 150.8 | 150.8 | 150.9 |
| 107.5° | 183.8 | 184.2 | 184.7 | 185.2 | 185.7 | 186.2 | 186.7 | 187.1 | 187.6 | 188.0 | 188.2 |
| 110° | 208.8 | 209.1 | 209.4 | 209.7 | 210.0 | 210.3 | 210.9 | 211.4 | 212.0 | 212.5 | 212.7 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 233.9 | 234.0 | 234.1 | 234.2 | 234.2 | 234.3 | 235.0 | 235.7 | 236.3 | 237.0 | 237.3 |
| 115° | 273.3 | 273.4 | 273.1 | 272.9 | 272.5 | 272.2 | 272.4 | 272.5 | 272.7 | 272.9 | 272.9 |
| 117.5° | 311.3 | 311.3 | 310.9 | 310.6 | 310.2 | 309.8 | 309.8 | 309.8 | 309.7 | 309.7 | 309.5 |
| 120° | 337.7 | 337.7 | 337.0 | 336.3 | 335.6 | 334.8 | 334.8 | 334.6 | 334.4 | 334.3 | 334.1 |
| 122.5° | 361.8 | 361.9 | 361.5 | 361.2 | 360.8 | 360.4 | 360.1 | 359.7 | 359.3 | 359.0 | 358.6 |
| 125° | 399.2 | 399.2 | 399.0 | 398.7 | 398.4 | 398.1 | 397.6 | 397.0 | 396.4 | 395.9 | 395.3 |
| 127.5° | 436.4 | 436.7 | 436.4 | 436.1 | 435.8 | 435.5 | 434.6 | 433.9 | 433.1 | 432.3 | 431.5 |
| 130° | 460.8 | 461.2 | 460.8 | 460.4 | 459.9 | 459.5 | 458.9 | 458.4 | 457.8 | 457.2 | 456.4 |
| 132.5° | 484.4 | 484.7 | 484.5 | 484.1 | 483.8 | 483.5 | 482.8 | 482.2 | 481.5 | 480.8 | 480.1 |
| 135° | 519.1 | 519.5 | 519.4 | 519.2 | 519.1 | 518.9 | 518.3 | 517.8 | 517.2 | 516.7 | 516.3 |
| 137.5° | 551.8 | 552.3 | 552.7 | 553.1 | 553.5 | 553.8 | 553.2 | 552.6 | 552.0 | 551.5 | 550.9 |
| 140° | 574.8 | 575.2 | 575.4 | 575.5 | 575.7 | 575.8 | 575.7 | 575.5 | 575.4 | 575.2 | 574.6 |
| 142.5° | 595.7 | 596.2 | 596.5 | 596.8 | 597.0 | 597.3 | 597.1 | 597.0 | 596.8 | 596.7 | 596.2 |
| 145° | 626.8 | 627.2 | 627.6 | 628.0 | 628.4 | 628.9 | 628.7 | 628.5 | 628.4 | 628.3 | 627.9 |
| 147.5° | 656.3 | 656.8 | 657.2 | 657.5 | 658.0 | 658.4 | 658.4 | 658.4 | 658.4 | 658.4 | 658.0 |
| 150° | 675.4 | 675.6 | 675.9 | 676.2 | 676.5 | 676.7 | 676.7 | 676.7 | 676.7 | 676.7 | 676.3 |
| 152.5° | 692.2 | 692.4 | 692.6 | 692.8 | 692.9 | 693.1 | 693.4 | 693.6 | 693.8 | 694.1 | 693.8 |
| 155° | 716.4 | 716.4 | 716.6 | 716.8 | 716.9 | 717.0 | 717.6 | 718.2 | 718.8 | 719.3 | 719.1 |
| 157.5° | 737.7 | 737.7 | 737.8 | 737.9 | 738.0 | 738.1 | 738.7 | 739.3 | 739.9 | 740.5 | 740.4 |
| 160° | 751.1 | 750.9 | 750.9 | 750.9 | 750.9 | 750.9 | 751.7 | 752.3 | 753.0 | 753.7 | 753.8 |
| 162.5° | 762.8 | 762.8 | 762.8 | 762.9 | 763.1 | 763.2 | 763.9 | 764.6 | 765.3 | 766.0 | 765.9 |
| 165° | 778.6 | 778.3 | 778.3 | 778.3 | 778.3 | 778.3 | 779.2 | 780.1 | 780.9 | 781.8 | 781.7 |
| 167.5° | 790.7 | 790.5 | 790.6 | 790.7 | 790.8 | 790.9 | 791.8 | 792.6 | 793.6 | 794.4 | 794.4 |
| 170° | 797.8 | 797.5 | 797.5 | 797.5 | 797.5 | 797.5 | 798.6 | 799.5 | 800.6 | 801.5 | 801.5 |
| 172.5° | 803.5 | 803.1 | 803.1 | 803.1 | 803.1 | 803.1 | 804.1 | 804.9 | 805.8 | 806.7 | 806.7 |
| 175° | 809.3 | 809.1 | 809.1 | 809.1 | 809.1 | 809.1 | 809.9 | 810.8 | 811.6 | 812.4 | 812.4 |
| 177.5° | 812.3 | 812.0 | 812.0 | 812.0 | 812.0 | 812.0 | 812.7 | 813.4 | 814.1 | 814.8 | 814.7 |
| 180° | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 |
| 2.5° | 889.6 | 889.2 | 891.7 | 889.9 | 891.7 | 889.2 | 889.6 | 892.1 | 892.9 | 893.2 | 893.2 |
| 5° | 828.0 | 829.4 | 824.8 | 824.8 | 824.8 | 829.4 | 828.0 | 830.7 | 833.0 | 834.8 | 837.5 |
| 7.5° | 773.2 | 771.2 | 771.4 | 769.0 | 771.4 | 771.2 | 773.2 | 775.4 | 778.3 | 782.2 | 785.9 |
| 10° | 739.7 | 737.0 | 736.1 | 736.5 | 736.1 | 737.0 | 739.7 | 745.1 | 746.9 | 750.5 | 754.6 |
| 12.5° | 711.9 | 711.4 | 705.4 | 705.5 | 705.4 | 711.4 | 711.9 | 713.3 | 717.3 | 724.9 | 729.7 |
| 15° | 679.2 | 670.7 | 669.8 | 672.5 | 669.8 | 670.7 | 679.2 | 679.2 | 681.1 | 686.9 | 689.7 |
| 17.5° | 646.5 | 642.0 | 642.3 | 640.9 | 642.3 | 642.0 | 646.5 | 647.3 | 648.7 | 653.5 | 657.1 |
| 20° | 629.2 | 626.5 | 626.1 | 622.9 | 626.1 | 626.5 | 629.2 | 629.2 | 631.0 | 633.3 | 636.9 |
| 22.5° | 613.4 | 612.5 | 612.8 | 609.2 | 612.8 | 612.5 | 613.4 | 614.5 | 616.3 | 617.8 | 620.4 |
| 25° | 593.7 | 595.9 | 594.1 | 594.1 | 594.1 | 595.9 | 593.7 | 594.1 | 594.5 | 596.8 | 598.6 |
| 27.5° | 580.3 | 580.2 | 579.3 | 579.3 | 579.3 | 580.2 | 580.3 | 579.2 | 578.7 | 577.9 | 577.5 |
| 30° | 570.2 | 569.7 | 570.7 | 570.7 | 570.7 | 569.7 | 570.2 | 568.4 | 567.5 | 567.1 | 565.2 |
| 32.5° | 560.1 | 560.8 | 560.9 | 561.3 | 560.9 | 560.8 | 560.1 | 557.9 | 556.3 | 555.2 | 553.7 |
| 35° | 544.5 | 544.9 | 546.3 | 545.4 | 546.3 | 544.9 | 544.5 | 541.8 | 540.0 | 537.3 | 535.0 |
| 37.5° | 523.4 | 525.5 | 525.0 | 525.7 | 525.0 | 525.5 | 523.4 | 522.6 | 520.8 | 518.8 | 516.1 |
| 40° | 507.6 | 508.9 | 508.4 | 508.4 | 508.4 | 508.9 | 507.6 | 507.1 | 505.3 | 503.9 | 501.7 |
| 42.5° | 491.3 | 492.3 | 491.1 | 490.4 | 491.1 | 492.3 | 491.3 | 490.5 | 489.4 | 487.0 | 484.4 |
| 45° | 464.7 | 463.8 | 465.2 | 463.4 | 465.2 | 463.8 | 464.7 | 463.0 | 462.4 | 460.6 | 458.4 |
| 47.5° | 435.0 | 435.8 | 436.3 | 437.6 | 436.3 | 435.8 | 435.0 | 435.1 | 432.7 | 431.5 | 430.8 |
| 50° | 415.2 | 417.8 | 417.8 | 417.4 | 417.8 | 417.8 | 415.2 | 414.2 | 412.4 | 410.6 | 410.6 |
| 52.5° | 395.6 | 396.9 | 398.7 | 398.6 | 398.7 | 396.9 | 395.6 | 394.1 | 392.3 | 389.7 | 389.0 |
| 55° | 365.6 | 366.4 | 367.4 | 367.8 | 367.4 | 366.4 | 365.6 | 362.0 | 360.6 | 359.2 | 357.0 |
| 57.5° | 334.3 | 334.0 | 336.1 | 336.8 | 336.1 | 334.0 | 334.3 | 331.1 | 329.1 | 324.9 | 324.3 |
| 60° | 312.4 | 312.4 | 316.0 | 317.4 | 316.0 | 312.4 | 312.4 | 308.8 | 305.6 | 302.9 | 302.0 |
| 62.5° | 289.0 | 290.4 | 293.9 | 292.1 | 293.9 | 290.4 | 289.0 | 285.0 | 282.5 | 279.1 | 276.7 |
| 65° | 254.7 | 258.3 | 257.9 | 259.6 | 257.9 | 258.3 | 254.7 | 252.4 | 247.5 | 244.3 | 241.6 |
| 67.5° | 218.9 | 221.1 | 224.4 | 224.6 | 224.4 | 221.1 | 218.9 | 215.2 | 212.1 | 208.7 | 205.4 |
| 70° | 194.8 | 197.0 | 198.8 | 200.1 | 198.8 | 197.0 | 194.8 | 191.1 | 187.5 | 185.3 | 181.7 |
| 72.5° | 171.3 | 172.5 | 176.8 | 174.9 | 176.8 | 172.5 | 171.3 | 166.9 | 164.1 | 162.2 | 158.3 |
| 75° | 134.3 | 137.5 | 140.2 | 138.8 | 140.2 | 137.5 | 134.3 | 131.1 | 128.9 | 126.2 | 122.6 |
| 77.5° | 99.4 | 102.5 | 103.8 | 102.6 | 103.8 | 102.5 | 99.4 | 97.3 | 96.1 | 90.7 | 90.4 |
| 80° | 78.4 | 78.0 | 80.7 | 80.2 | 80.7 | 78.0 | 78.4 | 75.3 | 73.0 | 69.8 | 69.8 |
| 82.5° | 57.5 | 57.1 | 58.3 | 58.6 | 58.3 | 57.1 | 57.5 | 55.8 | 52.9 | 51.5 | 50.4 |
| 85° | 28.0 | 29.3 | 27.5 | 27.0 | 27.5 | 29.3 | 28.0 | 26.2 | 26.2 | 26.2 | 25.7 |
| 87.5° | 10.2 | 10.2 | 9.9 | 9.6 | 9.9 | 10.2 | 10.2 | 10.1 | 11.5 | 10.2 | 10.2 |
| 90° | 18.3 | 18.6 | 18.9 | 19.2 | 18.9 | 18.6 | 18.3 | 18.0 | 17.7 | 17.0 | 16.4 |
| 92.5° | 26.3 | 26.2 | 26.0 | 25.8 | 26.0 | 26.2 | 26.3 | 26.5 | 26.3 | 25.9 | 25.5 |
| 95° | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.6 | 49.0 | 48.4 |
| 97.5° | 76.9 | 76.8 | 76.7 | 76.7 | 76.7 | 76.8 | 76.9 | 76.9 | 76.6 | 75.9 | 75.3 |
| 100° | 96.3 | 96.6 | 96.9 | 97.1 | 96.9 | 96.6 | 96.3 | 96.0 | 95.7 | 95.2 | 94.8 |
| 102.5° | 118.3 | 118.2 | 118.1 | 118.1 | 118.1 | 118.2 | 118.3 | 118.3 | 118.1 | 117.7 | 117.3 |
| 105° | 151.3 | 151.5 | 151.8 | 152.1 | 151.8 | 151.5 | 151.3 | 150.9 | 150.8 | 150.8 | 150.8 |
| 107.5° | 188.0 | 187.9 | 187.7 | 187.5 | 187.7 | 187.9 | 188.0 | 188.2 | 188.0 | 187.6 | 187.1 |
| 110° | 212.4 | 212.1 | 211.8 | 211.5 | 211.8 | 212.1 | 212.4 | 212.7 | 212.5 | 212.0 | 211.4 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 237.3 | 237.2 | 237.1 | 237.1 | 237.1 | 237.2 | 237.3 | 237.3 | 237.0 | 236.3 | 235.7 |
| 115° | 272.7 | 272.5 | 272.4 | 272.2 | 272.4 | 272.5 | 272.7 | 272.9 | 272.9 | 272.7 | 272.5 |
| 117.5° | 309.1 | 308.7 | 308.3 | 307.9 | 308.3 | 308.7 | 309.1 | 309.5 | 309.7 | 309.7 | 309.8 |
| 120° | 333.8 | 333.6 | 333.2 | 332.9 | 333.2 | 333.6 | 333.8 | 334.1 | 334.3 | 334.4 | 334.6 |
| 122.5° | 358.2 | 357.7 | 357.4 | 357.0 | 357.4 | 357.7 | 358.2 | 358.6 | 359.0 | 359.3 | 359.7 |
| 125° | 394.8 | 394.2 | 393.6 | 393.0 | 393.6 | 394.2 | 394.8 | 395.3 | 395.9 | 396.4 | 397.0 |
| 127.5° | 430.9 | 430.2 | 429.6 | 429.0 | 429.6 | 430.2 | 430.9 | 431.5 | 432.3 | 433.1 | 433.9 |
| 130° | 455.5 | 454.4 | 453.5 | 452.5 | 453.5 | 454.4 | 455.5 | 456.4 | 457.2 | 457.8 | 458.4 |
| 132.5° | 479.3 | 478.5 | 477.8 | 477.0 | 477.8 | 478.5 | 479.3 | 480.1 | 480.8 | 481.5 | 482.2 |
| 135° | 515.9 | 515.7 | 515.4 | 515.1 | 515.4 | 515.7 | 515.9 | 516.3 | 516.7 | 517.2 | 517.8 |
| 137.5° | 550.4 | 549.7 | 549.2 | 548.7 | 549.2 | 549.7 | 550.4 | 550.9 | 551.5 | 552.0 | 552.6 |
| 140° | 573.7 | 572.7 | 571.7 | 570.7 | 571.7 | 572.7 | 573.7 | 574.6 | 575.2 | 575.4 | 575.5 |
| 142.5° | 595.5 | 594.7 | 593.9 | 593.1 | 593.9 | 594.7 | 595.5 | 596.2 | 596.7 | 596.8 | 597.0 |
| 145° | 627.3 | 626.8 | 626.2 | 625.7 | 626.2 | 626.8 | 627.3 | 627.9 | 628.3 | 628.4 | 628.5 |
| 147.5° | 657.1 | 656.3 | 655.4 | 654.5 | 655.4 | 656.3 | 657.1 | 658.0 | 658.4 | 658.4 | 658.4 |
| 150° | 675.5 | 674.7 | 673.8 | 673.0 | 673.8 | 674.7 | 675.5 | 676.3 | 676.7 | 676.7 | 676.7 |
| 152.5° | 693.0 | 692.3 | 691.6 | 690.9 | 691.6 | 692.3 | 693.0 | 693.8 | 694.1 | 693.8 | 693.6 |
| 155° | 718.1 | 717.1 | 716.1 | 715.1 | 716.1 | 717.1 | 718.1 | 719.1 | 719.3 | 718.8 | 718.2 |
| 157.5° | 739.6 | 738.8 | 738.0 | 737.2 | 738.0 | 738.8 | 739.6 | 740.4 | 740.5 | 739.9 | 739.3 |
| 160° | 753.3 | 752.7 | 752.1 | 751.6 | 752.1 | 752.7 | 753.3 | 753.8 | 753.7 | 753.0 | 752.3 |
| 162.5° | 765.0 | 764.1 | 763.2 | 762.2 | 763.2 | 764.1 | 765.0 | 765.9 | 766.0 | 765.3 | 764.6 |
| 165° | 780.8 | 779.7 | 778.8 | 777.7 | 778.8 | 779.7 | 780.8 | 781.7 | 781.8 | 780.9 | 780.1 |
| 167.5° | 793.6 | 792.6 | 791.8 | 790.9 | 791.8 | 792.6 | 793.6 | 794.4 | 794.4 | 793.6 | 792.6 |
| 170° | 800.6 | 799.5 | 798.6 | 797.5 | 798.6 | 799.5 | 800.6 | 801.5 | 801.5 | 800.6 | 799.5 |
| 172.5° | 805.6 | 804.7 | 803.7 | 802.7 | 803.7 | 804.7 | 805.6 | 806.7 | 806.7 | 805.8 | 804.9 |
| 175° | 811.4 | 810.4 | 809.4 | 808.4 | 809.4 | 810.4 | 811.4 | 812.4 | 812.4 | 811.6 | 810.8 |
| 177.5° | 813.9 | 813.0 | 812.3 | 811.5 | 812.3 | 813.0 | 813.9 | 814.7 | 814.8 | 814.1 | 813.4 |
| 180° | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 |
| 2.5° | 892.1 | 892.1 | 899.0 | 903.3 | 908.7 | 912.3 | 914.8 | 917.4 | 921.7 | 927.5 | 933.9 |
| 5° | 841.1 | 842.9 | 852.8 | 862.7 | 872.2 | 880.3 | 887.1 | 895.2 | 905.1 | 917.3 | 930.8 |
| 7.5° | 791.7 | 798.7 | 808.7 | 820.7 | 834.0 | 845.8 | 857.8 | 871.2 | 885.1 | 903.0 | 922.0 |
| 10° | 760.0 | 767.7 | 779.8 | 795.1 | 809.1 | 823.0 | 837.9 | 852.4 | 870.0 | 891.1 | 915.5 |
| 12.5° | 732.2 | 739.5 | 752.0 | 768.8 | 782.0 | 797.5 | 814.5 | 833.3 | 853.0 | 878.5 | 906.1 |
| 15° | 693.7 | 702.2 | 717.6 | 725.7 | 746.0 | 764.5 | 780.2 | 807.3 | 832.5 | 858.7 | 890.7 |
| 17.5° | 662.1 | 666.9 | 679.3 | 694.4 | 709.6 | 730.3 | 751.0 | 773.5 | 798.7 | 830.6 | 870.6 |
| 20° | 640.5 | 644.5 | 658.1 | 673.9 | 690.1 | 709.0 | 727.5 | 750.0 | 778.4 | 812.3 | 855.5 |
| 22.5° | 624.3 | 628.7 | 637.6 | 654.4 | 669.5 | 685.3 | 703.7 | 730.6 | 760.8 | 793.8 | 840.8 |
| 25° | 600.8 | 603.6 | 609.4 | 622.9 | 636.5 | 654.0 | 670.3 | 695.5 | 726.6 | 765.3 | 812.3 |
| 27.5° | 578.6 | 581.2 | 586.1 | 595.8 | 608.4 | 622.7 | 640.3 | 661.8 | 693.4 | 735.5 | 785.2 |
| 30° | 565.2 | 565.7 | 570.2 | 579.2 | 590.0 | 601.8 | 617.9 | 642.3 | 672.1 | 714.9 | 767.2 |
| 32.5° | 553.7 | 552.0 | 555.1 | 561.9 | 572.4 | 584.1 | 597.4 | 621.4 | 650.1 | 692.2 | 745.9 |
| 35° | 534.2 | 533.2 | 531.9 | 537.8 | 546.7 | 555.8 | 567.5 | 585.6 | 617.9 | 657.2 | 713.5 |
| 37.5° | 514.2 | 512.0 | 509.6 | 512.3 | 519.4 | 528.7 | 538.9 | 555.0 | 582.9 | 626.1 | 680.0 |
| 40° | 499.5 | 497.7 | 496.3 | 495.3 | 501.7 | 510.7 | 518.3 | 533.6 | 559.8 | 600.8 | 654.0 |
| 42.5° | 483.2 | 482.2 | 480.4 | 479.1 | 484.4 | 491.2 | 499.2 | 512.8 | 538.9 | 577.4 | 627.8 |
| 45° | 457.0 | 456.2 | 455.3 | 454.3 | 457.5 | 463.8 | 470.1 | 480.0 | 502.6 | 540.0 | 585.6 |
| 47.5° | 427.9 | 426.8 | 427.1 | 425.7 | 428.8 | 433.0 | 437.4 | 448.1 | 469.7 | 499.9 | 533.1 |
| 50° | 407.0 | 406.6 | 406.6 | 406.6 | 407.5 | 412.4 | 416.5 | 424.6 | 444.4 | 474.7 | 498.5 |
| 52.5° | 387.2 | 385.3 | 385.3 | 386.0 | 387.6 | 390.8 | 393.4 | 402.3 | 419.6 | 444.4 | 466.1 |
| 55° | 356.1 | 352.5 | 351.5 | 352.5 | 353.9 | 356.5 | 359.2 | 366.4 | 381.3 | 399.8 | 412.4 |
| 57.5° | 321.7 | 319.7 | 318.5 | 318.7 | 319.4 | 321.6 | 323.6 | 331.5 | 343.2 | 352.8 | 360.9 |
| 60° | 297.5 | 298.4 | 294.4 | 295.2 | 295.2 | 297.0 | 300.2 | 305.1 | 315.0 | 321.8 | 329.9 |
| 62.5° | 274.7 | 273.5 | 272.3 | 271.0 | 271.0 | 271.8 | 276.0 | 279.9 | 288.3 | 291.9 | 298.3 |
| 65° | 239.4 | 239.4 | 236.6 | 237.5 | 238.0 | 234.9 | 237.1 | 241.6 | 247.0 | 248.4 | 254.3 |
| 67.5° | 203.5 | 202.2 | 200.7 | 199.3 | 199.3 | 199.1 | 200.2 | 202.5 | 206.6 | 207.0 | 211.5 |
| 70° | 178.9 | 178.1 | 177.6 | 176.2 | 174.4 | 176.7 | 175.3 | 177.6 | 179.9 | 180.3 | 183.0 |
| 72.5° | 155.2 | 154.2 | 153.4 | 152.1 | 151.4 | 151.1 | 151.2 | 153.8 | 155.3 | 154.7 | 157.7 |
| 75° | 121.2 | 120.4 | 119.4 | 117.2 | 117.2 | 115.8 | 116.3 | 118.1 | 119.9 | 118.6 | 121.2 |
| 77.5° | 89.0 | 86.3 | 86.1 | 86.7 | 85.2 | 85.5 | 84.9 | 84.6 | 85.5 | 85.6 | 88.0 |
| 80° | 68.5 | 65.3 | 66.3 | 65.8 | 65.3 | 64.9 | 64.0 | 64.5 | 64.9 | 65.3 | 66.7 |
| 82.5° | 49.4 | 49.2 | 48.2 | 48.1 | 47.7 | 46.5 | 46.0 | 46.8 | 47.3 | 47.0 | 48.0 |
| 85° | 25.2 | 23.8 | 24.8 | 24.4 | 24.8 | 24.4 | 23.0 | 23.0 | 23.8 | 23.4 | 24.4 |
| 87.5° | 10.8 | 10.7 | 9.9 | 9.9 | 9.2 | 9.1 | 8.4 | 8.5 | 8.6 | 8.4 | 8.8 |
| 90° | 15.9 | 15.3 | 13.5 | 11.6 | 9.8 | 7.9 | 6.3 | 4.9 | 3.4 | 2.1 | 0.6 |
| 92.5° | 25.0 | 24.5 | 23.5 | 22.5 | 21.4 | 20.3 | 19.3 | 18.3 | 17.4 | 16.4 | 15.5 |
| 95° | 47.9 | 47.3 | 46.1 | 45.0 | 43.9 | 42.7 | 41.7 | 40.7 | 39.7 | 38.7 | 37.7 |
| 97.5° | 74.6 | 74.0 | 73.2 | 72.3 | 71.5 | 70.7 | 69.9 | 69.2 | 68.4 | 67.7 | 67.0 |
| 100° | 94.4 | 93.9 | 93.2 | 92.6 | 91.8 | 91.1 | 90.3 | 89.5 | 88.6 | 87.7 | 86.9 |
| 102.5° | 116.8 | 116.4 | 115.5 | 114.6 | 113.7 | 112.7 | 111.9 | 111.4 | 111.0 | 110.5 | 109.9 |
| 105° | 150.8 | 150.8 | 149.6 | 148.3 | 147.0 | 145.7 | 144.9 | 144.6 | 144.4 | 144.0 | 143.8 |
| 107.5° | 186.7 | 186.2 | 185.7 | 185.2 | 184.7 | 184.2 | 183.8 | 183.7 | 183.5 | 183.3 | 183.1 |
| 110° | 210.9 | 210.3 | 210.0 | 209.7 | 209.4 | 209.1 | 208.8 | 208.5 | 208.3 | 208.0 | 207.7 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 235.0 | 234.3 | 234.2 | 234.2 | 234.1 | 234.0 | 233.9 | 233.8 | 233.6 | 233.4 | 233.2 |
| 115° | 272.4 | 272.2 | 272.5 | 272.9 | 273.1 | 273.4 | 273.3 | 272.9 | 272.4 | 272.0 | 271.6 |
| 117.5° | 309.8 | 309.8 | 310.2 | 310.6 | 310.9 | 311.3 | 311.3 | 311.1 | 310.7 | 310.5 | 310.2 |
| 120° | 334.8 | 334.8 | 335.6 | 336.3 | 337.0 | 337.7 | 337.7 | 336.8 | 336.0 | 335.1 | 334.2 |
| 122.5° | 360.1 | 360.4 | 360.8 | 361.2 | 361.5 | 361.9 | 361.8 | 361.2 | 360.5 | 359.9 | 359.3 |
| 125° | 397.6 | 398.1 | 398.4 | 398.7 | 399.0 | 399.2 | 399.2 | 398.8 | 398.4 | 398.0 | 397.5 |
| 127.5° | 434.6 | 435.5 | 435.8 | 436.1 | 436.4 | 436.7 | 436.4 | 435.5 | 434.6 | 433.7 | 432.7 |
| 130° | 458.9 | 459.5 | 459.9 | 460.4 | 460.8 | 461.2 | 460.8 | 459.7 | 458.6 | 457.4 | 456.3 |
| 132.5° | 482.8 | 483.5 | 483.8 | 484.1 | 484.5 | 484.7 | 484.4 | 483.2 | 482.1 | 481.0 | 479.8 |
| 135° | 518.3 | 518.9 | 519.1 | 519.2 | 519.4 | 519.5 | 519.1 | 518.3 | 517.5 | 516.6 | 515.7 |
| 137.5° | 553.2 | 553.8 | 553.5 | 553.1 | 552.7 | 552.3 | 551.8 | 551.1 | 550.4 | 549.7 | 549.0 |
| 140° | 575.7 | 575.8 | 575.7 | 575.5 | 575.4 | 575.2 | 574.8 | 574.1 | 573.4 | 572.7 | 572.0 |
| 142.5° | 597.1 | 597.3 | 597.0 | 596.8 | 596.5 | 596.2 | 595.7 | 595.0 | 594.3 | 593.7 | 593.0 |
| 145° | 628.7 | 628.9 | 628.4 | 628.0 | 627.6 | 627.2 | 626.8 | 626.5 | 626.2 | 625.9 | 625.7 |
| 147.5° | 658.4 | 658.4 | 658.0 | 657.5 | 657.2 | 656.8 | 656.3 | 655.8 | 655.3 | 654.8 | 654.3 |
| 150° | 676.7 | 676.7 | 676.5 | 676.2 | 675.9 | 675.6 | 675.4 | 675.1 | 674.8 | 674.5 | 674.2 |
| 152.5° | 693.4 | 693.1 | 692.9 | 692.8 | 692.6 | 692.4 | 692.2 | 691.8 | 691.4 | 691.0 | 690.6 |
| 155° | 717.6 | 717.0 | 716.9 | 716.8 | 716.6 | 716.4 | 716.4 | 716.4 | 716.4 | 716.4 | 716.4 |
| 157.5° | 738.7 | 738.1 | 738.0 | 737.9 | 737.8 | 737.7 | 737.7 | 737.9 | 738.0 | 738.2 | 738.4 |
| 160° | 751.7 | 750.9 | 750.9 | 750.9 | 750.9 | 750.9 | 751.1 | 751.3 | 751.7 | 751.9 | 752.2 |
| 162.5° | 763.9 | 763.2 | 763.1 | 762.9 | 762.8 | 762.8 | 762.8 | 763.3 | 763.6 | 764.1 | 764.5 |
| 165° | 779.2 | 778.3 | 778.3 | 778.3 | 778.3 | 778.3 | 778.6 | 779.0 | 779.5 | 779.9 | 780.3 |
| 167.5° | 791.8 | 790.9 | 790.8 | 790.7 | 790.6 | 790.5 | 790.7 | 791.3 | 791.9 | 792.4 | 793.0 |
| 170° | 798.6 | 797.5 | 797.5 | 797.5 | 797.5 | 797.5 | 797.8 | 798.4 | 799.0 | 799.5 | 800.1 |
| 172.5° | 804.1 | 803.1 | 803.1 | 803.1 | 803.1 | 803.1 | 803.5 | 804.0 | 804.6 | 805.2 | 805.7 |
| 175° | 809.9 | 809.1 | 809.1 | 809.1 | 809.1 | 809.1 | 809.3 | 809.9 | 810.5 | 811.1 | 811.6 |
| 177.5° | 812.7 | 812.0 | 812.0 | 812.0 | 812.0 | 812.0 | 812.3 | 812.7 | 813.1 | 813.6 | 814.1 |
| 180° | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 |
| 2.5° | 936.1 | 937.9 | 944.1 | 948.4 | 953.4 | 956.3 | 959.2 | 961.4 | 964.2 | 964.9 | 975.4 |
| 5° | 940.3 | 949.3 | 965.1 | 976.8 | 991.2 | 1006.9 | 1017.8 | 1022.8 | 1035.8 | 1046.6 | 1068.2 |
| 7.5° | 939.1 | 958.3 | 982.1 | 1006.8 | 1033.3 | 1057.8 | 1079.1 | 1104.3 | 1122.3 | 1149.3 | 1175.8 |
| 10° | 938.0 | 963.7 | 994.4 | 1025.9 | 1062.9 | 1097.1 | 1127.7 | 1162.0 | 1190.4 | 1227.9 | 1259.8 |
| 12.5° | 934.8 | 965.9 | 1008.4 | 1045.8 | 1090.6 | 1137.9 | 1183.3 | 1227.3 | 1252.4 | 1314.7 | 1344.2 |
| 15° | 926.8 | 963.7 | 1016.9 | 1073.7 | 1135.4 | 1191.4 | 1249.1 | 1295.0 | 1369.3 | 1423.9 | 1458.6 |
| 17.5° | 911.5 | 963.2 | 1026.2 | 1094.8 | 1169.8 | 1243.5 | 1308.9 | 1378.6 | 1457.5 | 1523.5 | 1593.9 |
| 20° | 904.2 | 961.0 | 1031.3 | 1107.1 | 1185.0 | 1268.4 | 1342.8 | 1426.6 | 1512.7 | 1577.6 | 1667.8 |
| 22.5° | 890.9 | 955.2 | 1031.0 | 1115.3 | 1198.7 | 1285.0 | 1372.0 | 1456.6 | 1556.0 | 1645.5 | 1731.2 |
| 25° | 869.0 | 941.2 | 1019.6 | 1113.8 | 1211.6 | 1298.1 | 1402.3 | 1514.5 | 1618.2 | 1733.1 | 1818.8 |
| 27.5° | 846.1 | 923.2 | 1001.8 | 1089.3 | 1194.6 | 1297.3 | 1428.2 | 1555.1 | 1681.9 | 1781.1 | 1844.4 |
| 30° | 828.5 | 903.3 | 984.5 | 1072.8 | 1176.9 | 1299.1 | 1445.5 | 1583.9 | 1707.4 | 1792.6 | 1828.2 |
| 32.5° | 809.3 | 885.3 | 957.0 | 1049.7 | 1160.7 | 1298.0 | 1456.4 | 1600.9 | 1708.9 | 1765.6 | 1758.7 |
| 35° | 779.4 | 842.9 | 912.7 | 1002.0 | 1132.7 | 1290.0 | 1462.7 | 1602.4 | 1668.7 | 1656.5 | 1564.5 |
| 37.5° | 736.1 | 789.5 | 858.3 | 956.1 | 1100.3 | 1273.3 | 1450.1 | 1554.9 | 1550.6 | 1451.5 | 1318.3 |
| 40° | 709.0 | 754.6 | 820.8 | 923.6 | 1075.0 | 1262.6 | 1430.2 | 1498.3 | 1440.6 | 1302.2 | 1142.6 |
| 42.5° | 673.7 | 715.6 | 781.9 | 887.5 | 1047.2 | 1240.5 | 1392.3 | 1412.1 | 1299.2 | 1140.0 | 993.7 |
| 45° | 618.9 | 655.8 | 724.4 | 833.4 | 1005.6 | 1192.7 | 1299.9 | 1251.7 | 1099.8 | 935.3 | 824.0 |
| 47.5° | 560.0 | 598.4 | 664.3 | 776.4 | 945.4 | 1120.7 | 1171.7 | 1069.2 | 913.2 | 779.8 | 677.6 |
| 50° | 522.9 | 559.8 | 624.3 | 737.4 | 904.7 | 1061.5 | 1082.7 | 950.2 | 806.8 | 689.7 | 605.8 |
| 52.5° | 485.3 | 520.1 | 583.5 | 697.1 | 857.0 | 993.0 | 979.9 | 844.9 | 713.1 | 613.2 | 547.4 |
| 55° | 429.6 | 462.4 | 522.9 | 629.2 | 774.8 | 882.5 | 835.3 | 706.4 | 597.3 | 519.7 | 469.7 |
| 57.5° | 379.6 | 411.2 | 463.3 | 559.4 | 686.0 | 760.0 | 699.7 | 591.1 | 504.4 | 444.7 | 407.4 |
| 60° | 345.7 | 373.7 | 423.3 | 512.5 | 622.5 | 678.8 | 619.3 | 523.3 | 450.3 | 402.5 | 369.2 |
| 62.5° | 313.7 | 337.9 | 383.9 | 464.9 | 560.4 | 607.8 | 547.6 | 466.3 | 404.2 | 361.8 | 333.5 |
| 65° | 265.0 | 287.1 | 327.7 | 390.8 | 469.2 | 500.8 | 448.9 | 383.1 | 334.9 | 303.3 | 284.4 |
| 67.5° | 220.7 | 239.4 | 274.5 | 324.2 | 381.9 | 404.8 | 365.4 | 314.4 | 278.1 | 252.8 | 237.7 |
| 70° | 191.1 | 207.3 | 234.9 | 277.7 | 329.9 | 347.5 | 310.6 | 268.6 | 242.0 | 221.8 | 207.8 |
| 72.5° | 166.3 | 178.1 | 203.1 | 236.2 | 279.8 | 293.8 | 268.0 | 231.2 | 206.4 | 191.1 | 180.0 |
| 75° | 126.7 | 136.6 | 152.8 | 179.4 | 209.6 | 217.7 | 198.3 | 175.3 | 158.7 | 147.8 | 139.3 |
| 77.5° | 91.4 | 98.6 | 110.4 | 126.7 | 147.7 | 155.0 | 142.7 | 127.3 | 115.2 | 107.9 | 103.1 |
| 80° | 69.0 | 74.8 | 84.7 | 98.2 | 110.9 | 114.9 | 107.7 | 96.0 | 87.5 | 83.4 | 79.3 |
| 82.5° | 51.0 | 54.2 | 60.2 | 69.4 | 78.1 | 82.8 | 76.7 | 69.7 | 65.1 | 61.4 | 59.8 |
| 85° | 25.7 | 27.5 | 30.2 | 33.8 | 39.2 | 41.0 | 38.7 | 36.9 | 34.3 | 32.0 | 32.0 |
| 87.5° | 9.8 | 10.1 | 11.5 | 12.5 | 14.2 | 15.7 | 15.7 | 15.3 | 15.3 | 15.1 | 14.8 |
| 90° | 2.1 | 3.4 | 4.9 | 6.3 | 7.9 | 9.8 | 11.6 | 13.5 | 15.3 | 15.9 | 16.4 |
| 92.5° | 16.4 | 17.4 | 18.3 | 19.3 | 20.3 | 21.4 | 22.5 | 23.5 | 24.5 | 25.0 | 25.5 |
| 95° | 38.7 | 39.7 | 40.7 | 41.7 | 42.7 | 43.9 | 45.0 | 46.1 | 47.3 | 47.9 | 48.4 |
| 97.5° | 67.7 | 68.4 | 69.2 | 69.9 | 70.7 | 71.5 | 72.3 | 73.2 | 74.0 | 74.6 | 75.3 |
| 100° | 87.7 | 88.6 | 89.5 | 90.3 | 91.1 | 91.8 | 92.6 | 93.2 | 93.9 | 94.4 | 94.8 |
| 102.5° | 110.5 | 111.0 | 111.4 | 111.9 | 112.7 | 113.7 | 114.6 | 115.5 | 116.4 | 116.8 | 117.3 |
| 105° | 144.0 | 144.4 | 144.6 | 144.9 | 145.7 | 147.0 | 148.3 | 149.6 | 150.8 | 150.8 | 150.8 |
| 107.5° | 183.3 | 183.5 | 183.7 | 183.8 | 184.2 | 184.7 | 185.2 | 185.7 | 186.2 | 186.7 | 187.1 |
| 110° | 208.0 | 208.3 | 208.5 | 208.8 | 209.1 | 209.4 | 209.7 | 210.0 | 210.3 | 210.9 | 211.4 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 233.4 | 233.6 | 233.8 | 233.9 | 234.0 | 234.1 | 234.2 | 234.2 | 234.3 | 235.0 | 235.7 |
| 115° | 272.0 | 272.4 | 272.9 | 273.3 | 273.4 | 273.1 | 272.9 | 272.5 | 272.2 | 272.4 | 272.5 |
| 117.5° | 310.5 | 310.7 | 311.1 | 311.3 | 311.3 | 310.9 | 310.6 | 310.2 | 309.8 | 309.8 | 309.8 |
| 120° | 335.1 | 336.0 | 336.8 | 337.7 | 337.7 | 337.0 | 336.3 | 335.6 | 334.8 | 334.8 | 334.6 |
| 122.5° | 359.9 | 360.5 | 361.2 | 361.8 | 361.9 | 361.5 | 361.2 | 360.8 | 360.4 | 360.1 | 359.7 |
| 125° | 398.0 | 398.4 | 398.8 | 399.2 | 399.2 | 399.0 | 398.7 | 398.4 | 398.1 | 397.6 | 397.0 |
| 127.5° | 433.7 | 434.6 | 435.5 | 436.4 | 436.7 | 436.4 | 436.1 | 435.8 | 435.5 | 434.6 | 433.9 |
| 130° | 457.4 | 458.6 | 459.7 | 460.8 | 461.2 | 460.8 | 460.4 | 459.9 | 459.5 | 458.9 | 458.4 |
| 132.5° | 481.0 | 482.1 | 483.2 | 484.4 | 484.7 | 484.5 | 484.1 | 483.8 | 483.5 | 482.8 | 482.2 |
| 135° | 516.6 | 517.5 | 518.3 | 519.1 | 519.5 | 519.4 | 519.2 | 519.1 | 518.9 | 518.3 | 517.8 |
| 137.5° | 549.7 | 550.4 | 551.1 | 551.8 | 552.3 | 552.7 | 553.1 | 553.5 | 553.8 | 553.2 | 552.6 |
| 140° | 572.7 | 573.4 | 574.1 | 574.8 | 575.2 | 575.4 | 575.5 | 575.7 | 575.8 | 575.7 | 575.5 |
| 142.5° | 593.7 | 594.3 | 595.0 | 595.7 | 596.2 | 596.5 | 596.8 | 597.0 | 597.3 | 597.1 | 597.0 |
| 145° | 625.9 | 626.2 | 626.5 | 626.8 | 627.2 | 627.6 | 628.0 | 628.4 | 628.9 | 628.7 | 628.5 |
| 147.5° | 654.8 | 655.3 | 655.8 | 656.3 | 656.8 | 657.2 | 657.5 | 658.0 | 658.4 | 658.4 | 658.4 |
| 150° | 674.5 | 674.8 | 675.1 | 675.4 | 675.6 | 675.9 | 676.2 | 676.5 | 676.7 | 676.7 | 676.7 |
| 152.5° | 691.0 | 691.4 | 691.8 | 692.2 | 692.4 | 692.6 | 692.8 | 692.9 | 693.1 | 693.4 | 693.6 |
| 155° | 716.4 | 716.4 | 716.4 | 716.4 | 716.4 | 716.6 | 716.8 | 716.9 | 717.0 | 717.6 | 718.2 |
| 157.5° | 738.2 | 738.0 | 737.9 | 737.7 | 737.7 | 737.8 | 737.9 | 738.0 | 738.1 | 738.7 | 739.3 |
| 160° | 751.9 | 751.7 | 751.3 | 751.1 | 750.9 | 750.9 | 750.9 | 750.9 | 750.9 | 751.7 | 752.3 |
| 162.5° | 764.1 | 763.6 | 763.3 | 762.8 | 762.8 | 762.8 | 762.9 | 763.1 | 763.2 | 763.9 | 764.6 |
| 165° | 779.9 | 779.5 | 779.0 | 778.6 | 778.3 | 778.3 | 778.3 | 778.3 | 778.3 | 779.2 | 780.1 |
| 167.5° | 792.4 | 791.9 | 791.3 | 790.7 | 790.5 | 790.6 | 790.7 | 790.8 | 790.9 | 791.8 | 792.6 |
| 170° | 799.5 | 799.0 | 798.4 | 797.8 | 797.5 | 797.5 | 797.5 | 797.5 | 797.5 | 798.6 | 799.5 |
| 172.5° | 805.2 | 804.6 | 804.0 | 803.5 | 803.1 | 803.1 | 803.1 | 803.1 | 803.1 | 804.1 | 804.9 |
| 175° | 811.1 | 810.5 | 809.9 | 809.3 | 809.1 | 809.1 | 809.1 | 809.1 | 809.1 | 809.9 | 810.8 |
| 177.5° | 813.6 | 813.1 | 812.7 | 812.3 | 812.0 | 812.0 | 812.0 | 812.0 | 812.0 | 812.7 | 813.4 |
| 180° | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 |
| 2.5° | 979.0 | 979.4 | 983.3 | 986.3 | 984.8 | 986.6 | 987.3 |
| 5° | 1069.6 | 1085.9 | 1094.4 | 1100.7 | 1101.2 | 1101.6 | 1105.3 |
| 7.5° | 1198.1 | 1215.5 | 1228.2 | 1247.5 | 1253.3 | 1259.8 | 1257.9 |
| 10° | 1291.8 | 1317.5 | 1339.6 | 1351.3 | 1364.0 | 1382.4 | 1367.6 |
| 12.5° | 1379.5 | 1425.0 | 1458.6 | 1476.9 | 1488.8 | 1492.5 | 1485.1 |
| 15° | 1524.0 | 1583.5 | 1615.5 | 1614.5 | 1655.2 | 1672.8 | 1645.2 |
| 17.5° | 1656.5 | 1711.4 | 1755.4 | 1778.0 | 1811.7 | 1819.2 | 1815.8 |
| 20° | 1737.7 | 1797.6 | 1831.9 | 1870.6 | 1888.2 | 1903.9 | 1906.7 |
| 22.5° | 1807.6 | 1861.4 | 1898.2 | 1930.4 | 1945.2 | 1952.7 | 1957.1 |
| 25° | 1879.6 | 1922.0 | 1944.1 | 1955.3 | 1959.4 | 1958.5 | 1952.7 |
| 27.5° | 1874.7 | 1877.9 | 1853.6 | 1829.7 | 1808.4 | 1784.3 | 1776.0 |
| 30° | 1826.0 | 1788.1 | 1720.5 | 1682.2 | 1625.8 | 1581.2 | 1599.2 |
| 32.5° | 1698.0 | 1622.6 | 1546.7 | 1462.9 | 1393.6 | 1373.9 | 1354.0 |
| 35° | 1449.1 | 1316.6 | 1239.2 | 1148.9 | 1112.9 | 1076.9 | 1052.1 |
| 37.5° | 1172.4 | 1069.9 | 977.9 | 918.9 | 882.9 | 860.1 | 847.7 |
| 40° | 1013.7 | 921.4 | 845.6 | 797.8 | 770.3 | 744.7 | 741.1 |
| 42.5° | 887.2 | 801.2 | 744.2 | 706.2 | 679.8 | 668.9 | 661.0 |
| 45° | 726.6 | 666.7 | 628.4 | 601.3 | 583.8 | 577.0 | 567.9 |
| 47.5° | 615.0 | 572.7 | 543.9 | 525.5 | 512.2 | 507.2 | 506.4 |
| 50° | 552.6 | 517.5 | 496.3 | 481.8 | 471.5 | 469.7 | 462.4 |
| 52.5° | 505.8 | 475.3 | 458.7 | 446.2 | 438.7 | 433.6 | 431.4 |
| 55° | 439.0 | 418.7 | 403.9 | 396.7 | 390.8 | 385.8 | 385.8 |
| 57.5° | 384.1 | 367.2 | 357.3 | 351.2 | 349.4 | 345.9 | 343.6 |
| 60° | 350.3 | 335.8 | 328.1 | 322.7 | 319.2 | 319.6 | 315.6 |
| 62.5° | 317.0 | 307.7 | 300.4 | 295.0 | 290.7 | 290.8 | 291.0 |
| 65° | 270.0 | 262.8 | 257.4 | 255.5 | 252.9 | 249.7 | 250.6 |
| 67.5° | 228.8 | 222.1 | 217.8 | 214.7 | 213.9 | 212.2 | 214.7 |
| 70° | 199.2 | 194.2 | 191.1 | 188.4 | 187.5 | 188.0 | 190.2 |
| 72.5° | 172.2 | 168.7 | 166.6 | 165.3 | 163.3 | 163.4 | 165.0 |
| 75° | 135.3 | 132.5 | 130.7 | 129.3 | 128.9 | 128.9 | 128.9 |
| 77.5° | 99.4 | 98.8 | 97.9 | 95.9 | 96.0 | 96.5 | 96.6 |
| 80° | 78.4 | 77.1 | 76.6 | 75.8 | 74.4 | 73.4 | 75.8 |
| 82.5° | 58.6 | 57.3 | 56.8 | 56.7 | 54.5 | 54.3 | 56.2 |
| 85° | 31.5 | 30.2 | 30.7 | 30.2 | 30.2 | 29.8 | 29.8 |
| 87.5° | 14.6 | 14.4 | 14.0 | 14.5 | 14.2 | 13.9 | 14.6 |
| 90° | 17.0 | 17.7 | 18.0 | 18.3 | 18.6 | 18.9 | 19.2 |
| 92.5° | 25.9 | 26.3 | 26.5 | 26.3 | 26.2 | 26.0 | 25.8 |
| 95° | 49.0 | 49.6 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| 97.5° | 75.9 | 76.6 | 76.9 | 76.9 | 76.8 | 76.7 | 76.7 |
| 100° | 95.2 | 95.7 | 96.0 | 96.3 | 96.6 | 96.9 | 97.1 |
| 102.5° | 117.7 | 118.1 | 118.3 | 118.3 | 118.2 | 118.1 | 118.1 |
| 105° | 150.8 | 150.8 | 150.9 | 151.3 | 151.5 | 151.8 | 152.1 |
| 107.5° | 187.6 | 188.0 | 188.2 | 188.0 | 187.9 | 187.7 | 187.5 |
| 110° | 212.0 | 212.5 | 212.7 | 212.4 | 212.1 | 211.8 | 211.5 |



TEST NUMBER: P332157-935

CATALOG NUMBER: S123DIW-S775D755U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 236.3 | 237.0 | 237.3 | 237.3 | 237.2 | 237.1 | 237.1 |
| 115° | 272.7 | 272.9 | 272.9 | 272.7 | 272.5 | 272.4 | 272.2 |
| 117.5° | 309.7 | 309.7 | 309.5 | 309.1 | 308.7 | 308.3 | 307.9 |
| 120° | 334.4 | 334.3 | 334.1 | 333.8 | 333.6 | 333.2 | 332.9 |
| 122.5° | 359.3 | 359.0 | 358.6 | 358.2 | 357.7 | 357.4 | 357.0 |
| 125° | 396.4 | 395.9 | 395.3 | 394.8 | 394.2 | 393.6 | 393.0 |
| 127.5° | 433.1 | 432.3 | 431.5 | 430.9 | 430.2 | 429.6 | 429.0 |
| 130° | 457.8 | 457.2 | 456.4 | 455.5 | 454.4 | 453.5 | 452.5 |
| 132.5° | 481.5 | 480.8 | 480.1 | 479.3 | 478.5 | 477.8 | 477.0 |
| 135° | 517.2 | 516.7 | 516.3 | 515.9 | 515.7 | 515.4 | 515.1 |
| 137.5° | 552.0 | 551.5 | 550.9 | 550.4 | 549.7 | 549.2 | 548.7 |
| 140° | 575.4 | 575.2 | 574.6 | 573.7 | 572.7 | 571.7 | 570.7 |
| 142.5° | 596.8 | 596.7 | 596.2 | 595.5 | 594.7 | 593.9 | 593.1 |
| 145° | 628.4 | 628.3 | 627.9 | 627.3 | 626.8 | 626.2 | 625.7 |
| 147.5° | 658.4 | 658.4 | 658.0 | 657.1 | 656.3 | 655.4 | 654.5 |
| 150° | 676.7 | 676.7 | 676.3 | 675.5 | 674.7 | 673.8 | 673.0 |
| 152.5° | 693.8 | 694.1 | 693.8 | 693.0 | 692.3 | 691.6 | 690.9 |
| 155° | 718.8 | 719.3 | 719.1 | 718.1 | 717.1 | 716.1 | 715.1 |
| 157.5° | 739.9 | 740.5 | 740.4 | 739.6 | 738.8 | 738.0 | 737.2 |
| 160° | 753.0 | 753.7 | 753.8 | 753.3 | 752.7 | 752.1 | 751.6 |
| 162.5° | 765.3 | 766.0 | 765.9 | 765.0 | 764.1 | 763.2 | 762.2 |
| 165° | 780.9 | 781.8 | 781.7 | 780.8 | 779.7 | 778.8 | 777.7 |
| 167.5° | 793.6 | 794.4 | 794.4 | 793.6 | 792.6 | 791.8 | 790.9 |
| 170° | 800.6 | 801.5 | 801.5 | 800.6 | 799.5 | 798.6 | 797.5 |
| 172.5° | 805.8 | 806.7 | 806.7 | 805.6 | 804.7 | 803.7 | 802.7 |
| 175° | 811.6 | 812.4 | 812.4 | 811.4 | 810.4 | 809.4 | 808.4 |
| 177.5° | 814.1 | 814.8 | 814.7 | 813.9 | 813.0 | 812.3 | 811.5 |
| 180° | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 | 813.6 |

(END OF REPORT)