

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: P331993-927

Luminaire Tested: **S123DIP-S775D1195U927-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331993-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-17,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123DIP-S775D1195U927-4F0-1E-UDD-A4
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 775 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1195 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6007.8 lumens
Efficiency: N/A
Efficacy: 105.6 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

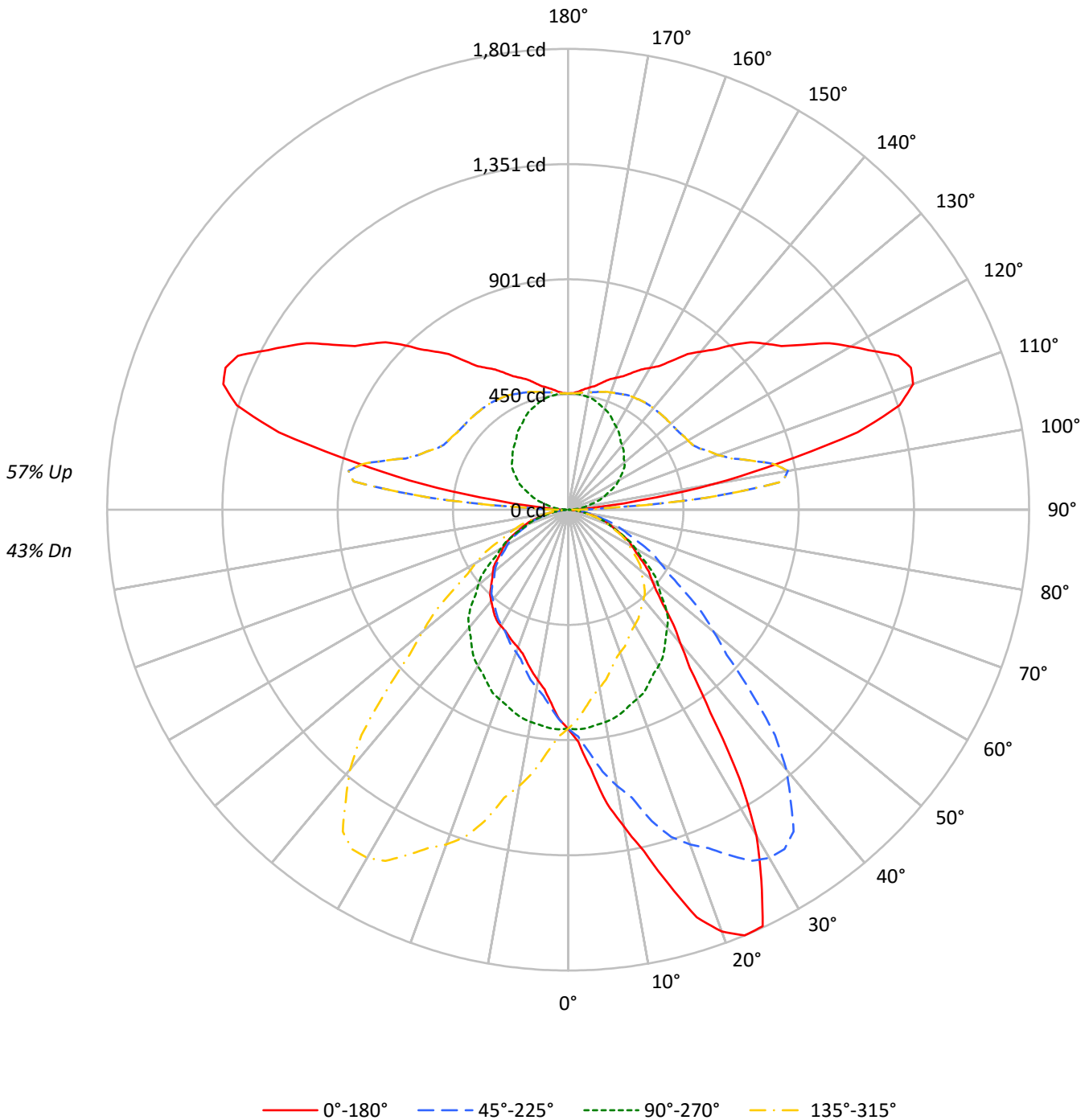
Input Watts (W): 56.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 64 | 64 | 64 | 50 | 50 | 50 | 43 | | | | |
| 1 | 96 | 92 | 89 | 85 | 88 | 85 | 81 | 78 | 70 | 68 | 66 | 57 | 55 | 54 | 44 | 43 | 42 | 37 | | | | |
| 2 | 88 | 81 | 75 | 70 | 80 | 74 | 69 | 65 | 62 | 58 | 55 | 50 | 47 | 45 | 39 | 38 | 36 | 31 | | | | |
| 3 | 80 | 71 | 64 | 58 | 73 | 65 | 59 | 54 | 54 | 50 | 46 | 44 | 41 | 38 | 35 | 33 | 31 | 27 | | | | |
| 4 | 74 | 63 | 55 | 49 | 67 | 58 | 51 | 46 | 48 | 43 | 39 | 40 | 36 | 33 | 31 | 29 | 27 | 23 | | | | |
| 5 | 68 | 56 | 48 | 42 | 62 | 52 | 45 | 40 | 43 | 38 | 34 | 36 | 32 | 29 | 28 | 26 | 23 | 20 | | | | |
| 6 | 62 | 50 | 42 | 37 | 57 | 47 | 40 | 34 | 39 | 34 | 30 | 32 | 28 | 25 | 26 | 23 | 21 | 18 | | | | |
| 7 | 58 | 45 | 38 | 32 | 52 | 42 | 35 | 30 | 35 | 30 | 26 | 29 | 25 | 22 | 23 | 21 | 18 | 16 | | | | |
| 8 | 53 | 41 | 34 | 28 | 49 | 38 | 31 | 27 | 32 | 27 | 23 | 27 | 23 | 20 | 22 | 19 | 16 | 14 | | | | |
| 9 | 50 | 38 | 30 | 25 | 45 | 35 | 28 | 24 | 30 | 24 | 21 | 25 | 21 | 18 | 20 | 17 | 15 | 13 | | | | |
| 10 | 46 | 34 | 27 | 23 | 42 | 32 | 26 | 21 | 27 | 22 | 19 | 23 | 19 | 16 | 18 | 16 | 13 | 11 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 9214 | 9214 | 9214 | 9214 |
| 5° | 10988 | 9253 | 8200 | 9253 |
| 10° | 13753 | 9206 | 7406 | 9206 |
| 15° | 16868 | 9132 | 6896 | 9132 |
| 20° | 20095 | 9016 | 6565 | 9016 |
| 25° | 21338 | 8875 | 6492 | 8875 |
| 30° | 18288 | 8772 | 6527 | 8772 |
| 35° | 12720 | 8627 | 6594 | 8627 |
| 40° | 9580 | 8455 | 6573 | 8455 |
| 45° | 7954 | 8202 | 6491 | 8202 |
| 50° | 7125 | 7681 | 6430 | 7681 |
| 55° | 6662 | 7122 | 6351 | 7122 |
| 60° | 6250 | 6536 | 6286 | 6536 |
| 65° | 5873 | 5957 | 6082 | 5957 |
| 70° | 5508 | 5297 | 5794 | 5297 |
| 75° | 4932 | 4637 | 5311 | 4637 |
| 80° | 4320 | 3806 | 4575 | 3806 |
| 85° | 3384 | 2766 | 3075 | 2766 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 84.3 | 1.4 |
| 10°-20° | 270.4 | 4.5 |
| 20°-30° | 453.8 | 7.6 |
| 30°-40° | 513.8 | 8.6 |
| 40°-50° | 460.8 | 7.7 |
| 50°-60° | 371.8 | 6.2 |
| 60°-70° | 259.1 | 4.3 |
| 70°-80° | 136.2 | 2.3 |
| 80°-90° | 36.8 | 0.6 |
| 90°-100° | 253.0 | 4.2 |
| 100°-110° | 716.5 | 11.9 |
| 110°-120° | 704.8 | 11.7 |
| 120°-130° | 562.2 | 9.4 |
| 130°-140° | 443.3 | 7.4 |
| 140°-150° | 330.8 | 5.5 |
| 150°-160° | 230.6 | 3.8 |
| 160°-170° | 135.5 | 2.3 |
| 170°-180° | 44.1 | 0.7 |
| 0°-30° | 808.5 | 13.5 |
| 0°-40° | 1322.3 | 22.0 |
| 0°-60° | 2154.9 | 35.9 |
| 0°-90° | 2587.1 | 43.1 |
| 90°-120° | 1674.3 | 27.9 |
| 90°-150° | 3010.6 | 50.1 |
| 90°-180° | 3421.0 | 56.9 |
| 0°-180° | 6007.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 856 | 856 | 856 | 856 | 856 | |
| 5° | 1017 | 856 | 759 | 856 | 1017 | 105 |
| 15° | 1514 | 820 | 619 | 820 | 1514 | 437 |
| 25° | 1797 | 747 | 547 | 747 | 1797 | 788 |
| 35° | 968 | 656 | 502 | 656 | 968 | 629 |
| 45° | 522 | 539 | 426 | 539 | 522 | 413 |
| 55° | 355 | 380 | 338 | 380 | 355 | 319 |
| 65° | 231 | 234 | 239 | 234 | 231 | 230 |
| 75° | 119 | 112 | 128 | 112 | 119 | 127 |
| 85° | 27 | 22 | 25 | 22 | 27 | 33 |
| 90° | 27 | 2 | 27 | 2 | 27 | 15 |
| 95° | 107 | 31 | 107 | 31 | 107 | 192 |
| 105° | 1171 | 107 | 1171 | 107 | 1171 | 1155 |
| 115° | 1424 | 189 | 1424 | 189 | 1424 | 1383 |
| 125° | 1123 | 262 | 1123 | 262 | 1123 | 1018 |
| 135° | 910 | 307 | 910 | 307 | 910 | 706 |
| 145° | 712 | 351 | 712 | 351 | 712 | 452 |
| 155° | 590 | 398 | 590 | 398 | 590 | 275 |
| 165° | 514 | 435 | 514 | 435 | 514 | 147 |
| 175° | 463 | 454 | 463 | 454 | 463 | 45 |
| 180° | 455 | 455 | 455 | 455 | 455 | |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 |
| 2.5° | 908.4 | 907.8 | 906.1 | 907.4 | 904.8 | 901.1 | 900.8 | 897.5 | 887.8 | 887.2 | 884.6 |
| 5° | 1016.9 | 1013.6 | 1013.2 | 1012.7 | 1006.9 | 999.1 | 984.1 | 982.9 | 963.0 | 953.0 | 941.0 |
| 7.5° | 1157.4 | 1159.1 | 1153.1 | 1147.8 | 1130.0 | 1118.3 | 1102.3 | 1081.8 | 1057.4 | 1032.6 | 1016.1 |
| 10° | 1258.3 | 1271.9 | 1255.0 | 1243.3 | 1232.6 | 1212.2 | 1188.6 | 1159.1 | 1129.7 | 1095.3 | 1069.1 |
| 12.5° | 1366.4 | 1373.2 | 1369.8 | 1358.8 | 1342.0 | 1311.1 | 1269.2 | 1236.8 | 1209.7 | 1152.3 | 1129.2 |
| 15° | 1513.7 | 1539.1 | 1522.9 | 1485.5 | 1486.4 | 1456.9 | 1402.2 | 1342.0 | 1310.1 | 1259.9 | 1191.5 |
| 17.5° | 1670.6 | 1673.8 | 1666.9 | 1635.9 | 1615.1 | 1574.6 | 1524.1 | 1466.5 | 1401.8 | 1341.0 | 1268.4 |
| 20° | 1754.3 | 1751.8 | 1737.3 | 1721.1 | 1685.4 | 1653.9 | 1598.8 | 1534.5 | 1451.5 | 1391.8 | 1312.6 |
| 22.5° | 1800.7 | 1796.6 | 1789.7 | 1776.2 | 1746.4 | 1712.6 | 1663.1 | 1592.8 | 1513.9 | 1431.6 | 1340.1 |
| 25° | 1796.6 | 1802.0 | 1802.8 | 1799.0 | 1788.7 | 1768.4 | 1729.4 | 1673.4 | 1594.6 | 1488.8 | 1393.4 |
| 27.5° | 1634.0 | 1641.6 | 1663.8 | 1683.5 | 1705.4 | 1727.8 | 1724.8 | 1697.0 | 1638.7 | 1547.4 | 1430.8 |
| 30° | 1471.4 | 1454.8 | 1495.9 | 1547.8 | 1583.0 | 1645.2 | 1680.1 | 1682.1 | 1649.3 | 1571.0 | 1457.3 |
| 32.5° | 1245.8 | 1264.1 | 1282.2 | 1346.0 | 1423.1 | 1492.9 | 1562.3 | 1618.1 | 1624.4 | 1572.3 | 1472.9 |
| 35° | 968.0 | 990.8 | 1024.0 | 1057.1 | 1140.1 | 1211.4 | 1333.3 | 1439.5 | 1524.1 | 1535.3 | 1474.3 |
| 37.5° | 780.0 | 791.3 | 812.3 | 845.5 | 899.8 | 984.4 | 1078.7 | 1212.9 | 1335.5 | 1426.6 | 1430.6 |
| 40° | 681.8 | 685.2 | 708.8 | 734.0 | 778.0 | 847.7 | 932.7 | 1051.3 | 1198.1 | 1325.5 | 1378.6 |
| 42.5° | 608.2 | 615.4 | 625.5 | 649.7 | 684.8 | 737.2 | 816.3 | 914.3 | 1048.8 | 1195.4 | 1299.3 |
| 45° | 522.5 | 530.8 | 537.1 | 553.3 | 578.1 | 613.4 | 668.5 | 758.1 | 860.5 | 1011.9 | 1151.7 |
| 47.5° | 466.0 | 466.7 | 471.3 | 483.5 | 500.4 | 526.9 | 565.9 | 623.4 | 717.5 | 840.2 | 983.7 |
| 50° | 425.5 | 432.1 | 433.8 | 443.3 | 456.6 | 476.1 | 508.4 | 557.4 | 634.5 | 742.4 | 874.3 |
| 52.5° | 397.0 | 398.9 | 403.6 | 410.5 | 422.1 | 437.3 | 465.3 | 503.7 | 564.2 | 656.1 | 777.4 |
| 55° | 355.0 | 355.0 | 359.6 | 365.0 | 371.6 | 385.2 | 403.9 | 432.1 | 478.2 | 549.5 | 649.9 |
| 57.5° | 316.2 | 318.2 | 321.5 | 323.1 | 328.8 | 337.9 | 353.4 | 374.9 | 409.2 | 464.1 | 543.8 |
| 60° | 290.3 | 294.1 | 293.7 | 296.9 | 301.9 | 309.0 | 322.3 | 339.7 | 370.3 | 414.3 | 481.5 |
| 62.5° | 267.8 | 267.5 | 267.4 | 271.4 | 276.4 | 283.1 | 291.7 | 306.8 | 332.9 | 371.9 | 429.0 |
| 65° | 230.6 | 229.7 | 232.7 | 235.1 | 236.8 | 241.8 | 248.4 | 261.7 | 279.1 | 308.2 | 352.5 |
| 67.5° | 197.6 | 195.2 | 196.8 | 197.6 | 200.4 | 204.3 | 210.5 | 218.7 | 232.6 | 255.9 | 289.3 |
| 70° | 175.0 | 172.9 | 172.5 | 173.3 | 175.9 | 178.7 | 183.3 | 191.2 | 204.1 | 222.7 | 247.2 |
| 72.5° | 151.8 | 150.4 | 150.3 | 152.1 | 153.3 | 155.2 | 158.4 | 165.6 | 175.9 | 189.9 | 212.7 |
| 75° | 118.6 | 118.6 | 118.6 | 119.0 | 120.3 | 121.9 | 124.5 | 128.2 | 136.0 | 146.0 | 161.3 |
| 77.5° | 88.9 | 88.8 | 88.3 | 88.2 | 90.1 | 90.9 | 91.4 | 94.9 | 99.3 | 106.0 | 117.2 |
| 80° | 69.7 | 67.6 | 68.4 | 69.7 | 70.5 | 70.9 | 72.2 | 73.0 | 76.8 | 80.5 | 88.3 |
| 82.5° | 51.7 | 50.0 | 50.1 | 52.1 | 52.3 | 52.7 | 53.9 | 55.1 | 56.5 | 59.9 | 64.1 |
| 85° | 27.4 | 27.4 | 27.8 | 27.8 | 28.2 | 27.8 | 29.0 | 29.5 | 29.5 | 31.5 | 34.0 |
| 87.5° | 15.3 | 14.8 | 15.0 | 15.1 | 15.0 | 14.9 | 15.1 | 15.2 | 15.4 | 15.8 | 15.7 |
| 90° | 26.7 | 27.6 | 26.7 | 25.7 | 26.7 | 24.9 | 23.9 | 23.0 | 22.1 | 23.0 | 20.3 |
| 92.5° | 44.4 | 46.0 | 45.1 | 47.8 | 49.5 | 54.3 | 61.5 | 77.5 | 106.8 | 141.6 | 155.7 |
| 95° | 106.8 | 110.4 | 116.9 | 125.2 | 142.7 | 175.8 | 224.6 | 331.4 | 442.7 | 545.8 | 486.0 |
| 97.5° | 290.7 | 298.6 | 323.4 | 364.9 | 432.8 | 542.9 | 661.6 | 825.9 | 904.9 | 845.8 | 619.2 |
| 100° | 577.1 | 576.2 | 612.0 | 679.2 | 772.2 | 902.9 | 1010.6 | 1085.1 | 1053.0 | 871.6 | 589.1 |
| 102.5° | 846.6 | 867.8 | 897.8 | 950.9 | 1023.3 | 1106.1 | 1168.9 | 1171.3 | 1060.3 | 823.8 | 544.9 |
| 105° | 1170.8 | 1175.4 | 1204.8 | 1239.8 | 1282.1 | 1306.1 | 1288.6 | 1196.5 | 1004.2 | 740.0 | 490.6 |
| 107.5° | 1357.4 | 1365.9 | 1375.8 | 1387.6 | 1386.9 | 1354.1 | 1273.4 | 1123.9 | 905.9 | 666.0 | 456.0 |
| 110° | 1434.0 | 1435.8 | 1437.7 | 1430.3 | 1404.5 | 1340.1 | 1224.2 | 1054.8 | 844.0 | 624.0 | 442.7 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 112.5° | 1449.5 | 1449.1 | 1442.1 | 1419.3 | 1372.1 | 1289.3 | 1159.4 | 986.3 | 790.3 | 596.0 | 435.4 |
| 115° | 1423.9 | 1419.3 | 1400.8 | 1360.3 | 1291.3 | 1191.0 | 1055.7 | 895.6 | 725.2 | 566.0 | 432.6 |
| 117.5° | 1342.5 | 1336.3 | 1309.7 | 1263.4 | 1191.4 | 1089.6 | 968.0 | 829.8 | 686.0 | 548.3 | 434.3 |
| 120° | 1274.8 | 1269.2 | 1247.1 | 1195.6 | 1122.9 | 1029.9 | 919.5 | 795.2 | 665.4 | 540.3 | 437.2 |
| 122.5° | 1211.4 | 1204.4 | 1180.1 | 1133.8 | 1069.1 | 982.8 | 880.4 | 767.9 | 648.5 | 535.1 | 442.4 |
| 125° | 1122.9 | 1116.4 | 1093.4 | 1053.0 | 994.0 | 920.4 | 832.0 | 731.7 | 626.8 | 528.3 | 450.0 |
| 127.5° | 1050.0 | 1044.1 | 1023.3 | 988.7 | 936.2 | 869.2 | 789.5 | 700.1 | 607.7 | 525.0 | 458.9 |
| 130° | 1008.8 | 1001.4 | 982.1 | 949.0 | 900.2 | 837.6 | 763.0 | 680.2 | 597.3 | 522.8 | 464.8 |
| 132.5° | 968.3 | 963.1 | 945.9 | 912.8 | 867.0 | 807.4 | 738.0 | 661.8 | 587.8 | 522.0 | 469.2 |
| 135° | 910.3 | 903.8 | 887.2 | 859.7 | 814.5 | 762.1 | 702.3 | 636.9 | 575.3 | 520.9 | 475.9 |
| 137.5° | 849.0 | 844.7 | 830.8 | 802.8 | 764.9 | 719.4 | 667.8 | 614.3 | 564.4 | 518.9 | 480.3 |
| 140° | 806.3 | 807.2 | 792.5 | 766.7 | 731.7 | 692.1 | 647.9 | 601.0 | 557.8 | 518.2 | 483.2 |
| 142.5° | 766.5 | 767.4 | 754.2 | 731.3 | 701.6 | 667.1 | 628.8 | 588.5 | 551.8 | 516.7 | 485.4 |
| 145° | 711.5 | 709.6 | 702.3 | 682.9 | 659.9 | 633.3 | 603.8 | 573.4 | 544.0 | 514.5 | 486.9 |
| 147.5° | 666.1 | 665.4 | 658.5 | 645.4 | 627.9 | 609.0 | 585.2 | 561.1 | 536.2 | 511.0 | 486.9 |
| 150° | 639.7 | 639.7 | 634.1 | 624.0 | 610.2 | 592.7 | 573.4 | 552.2 | 531.1 | 508.0 | 486.9 |
| 152.5° | 617.6 | 617.6 | 614.3 | 604.9 | 594.1 | 579.5 | 562.4 | 544.2 | 525.2 | 504.4 | 484.7 |
| 155° | 589.9 | 589.1 | 587.2 | 579.9 | 571.6 | 560.5 | 546.7 | 532.0 | 516.3 | 498.0 | 482.3 |
| 157.5° | 564.7 | 564.9 | 563.5 | 557.9 | 550.7 | 542.1 | 531.5 | 519.1 | 506.4 | 492.3 | 479.2 |
| 160° | 548.6 | 549.5 | 549.5 | 544.0 | 537.5 | 531.1 | 521.9 | 511.7 | 499.8 | 487.8 | 477.7 |
| 162.5° | 533.9 | 534.7 | 534.7 | 530.0 | 525.7 | 520.0 | 511.6 | 502.9 | 493.1 | 483.4 | 474.8 |
| 165° | 514.5 | 514.5 | 515.4 | 511.7 | 508.0 | 503.4 | 497.0 | 491.5 | 484.1 | 476.7 | 470.3 |
| 167.5° | 496.1 | 496.1 | 497.0 | 494.4 | 492.8 | 489.5 | 485.8 | 481.6 | 475.5 | 470.2 | 465.9 |
| 170° | 485.1 | 485.1 | 486.0 | 484.1 | 483.2 | 481.3 | 477.7 | 474.9 | 470.3 | 465.7 | 463.0 |
| 172.5° | 474.8 | 475.5 | 477.1 | 475.3 | 475.1 | 474.0 | 471.0 | 469.1 | 465.2 | 462.0 | 460.7 |
| 175° | 463.0 | 463.9 | 464.8 | 463.9 | 463.9 | 463.9 | 462.0 | 461.1 | 459.3 | 457.4 | 457.4 |
| 177.5° | 456.1 | 456.1 | 457.6 | 456.9 | 457.6 | 457.6 | 456.9 | 456.1 | 455.4 | 454.7 | 455.4 |
| 180° | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 |
| 2.5° | 882.5 | 879.9 | 877.2 | 872.6 | 868.6 | 862.9 | 861.3 | 859.3 | 853.3 | 848.0 | 844.1 |
| 5° | 936.4 | 926.5 | 912.0 | 898.7 | 888.0 | 873.4 | 865.1 | 856.4 | 844.0 | 832.7 | 823.6 |
| 7.5° | 992.8 | 973.3 | 950.7 | 926.3 | 903.6 | 881.7 | 864.0 | 848.3 | 830.8 | 814.4 | 801.5 |
| 10° | 1037.6 | 1009.4 | 977.9 | 943.9 | 914.9 | 886.7 | 863.0 | 842.3 | 819.9 | 800.4 | 784.3 |
| 12.5° | 1088.7 | 1046.9 | 1003.5 | 962.2 | 927.8 | 888.7 | 860.1 | 833.7 | 808.3 | 784.8 | 766.7 |
| 15° | 1149.2 | 1096.1 | 1044.7 | 987.9 | 935.6 | 886.7 | 852.7 | 819.5 | 790.0 | 766.0 | 742.8 |
| 17.5° | 1204.3 | 1144.1 | 1076.3 | 1007.3 | 944.2 | 886.2 | 838.6 | 801.1 | 764.2 | 734.8 | 711.7 |
| 20° | 1235.5 | 1167.0 | 1090.3 | 1018.6 | 948.9 | 884.2 | 831.9 | 787.1 | 747.3 | 716.2 | 690.1 |
| 22.5° | 1262.3 | 1182.3 | 1102.9 | 1026.2 | 948.6 | 878.8 | 819.7 | 773.6 | 730.4 | 700.0 | 672.2 |
| 25° | 1290.2 | 1194.4 | 1114.8 | 1024.8 | 938.1 | 865.9 | 799.5 | 747.3 | 704.2 | 668.5 | 639.9 |
| 27.5° | 1314.1 | 1193.6 | 1099.1 | 1002.3 | 921.7 | 849.4 | 778.5 | 722.5 | 676.7 | 637.9 | 608.9 |
| 30° | 1330.0 | 1195.2 | 1082.8 | 987.1 | 905.8 | 831.1 | 762.2 | 705.8 | 657.7 | 618.4 | 591.0 |
| 32.5° | 1340.0 | 1194.2 | 1067.9 | 965.8 | 880.5 | 814.5 | 744.7 | 686.3 | 636.8 | 598.1 | 571.7 |
| 35° | 1345.8 | 1186.9 | 1042.2 | 921.9 | 839.8 | 775.5 | 717.1 | 656.5 | 604.7 | 568.5 | 538.8 |
| 37.5° | 1334.2 | 1171.6 | 1012.3 | 879.6 | 789.7 | 726.4 | 677.2 | 625.7 | 576.1 | 536.3 | 510.6 |
| 40° | 1315.9 | 1161.7 | 989.1 | 849.8 | 755.2 | 694.3 | 652.4 | 601.7 | 552.8 | 515.1 | 491.0 |
| 42.5° | 1281.0 | 1141.4 | 963.5 | 816.6 | 719.4 | 658.4 | 619.9 | 577.6 | 531.2 | 495.8 | 471.8 |
| 45° | 1196.0 | 1097.3 | 925.3 | 766.8 | 666.5 | 603.4 | 569.4 | 538.8 | 496.9 | 462.4 | 441.6 |
| 47.5° | 1078.1 | 1031.1 | 869.8 | 714.3 | 611.2 | 550.6 | 515.2 | 490.5 | 459.9 | 432.1 | 412.3 |
| 50° | 996.2 | 976.7 | 832.3 | 678.5 | 574.4 | 515.1 | 481.1 | 458.7 | 436.7 | 408.9 | 390.7 |
| 52.5° | 901.6 | 913.6 | 788.5 | 641.4 | 536.9 | 478.6 | 446.6 | 428.8 | 408.8 | 386.0 | 370.1 |
| 55° | 768.5 | 812.0 | 712.9 | 578.9 | 481.1 | 425.5 | 395.2 | 379.5 | 367.9 | 350.9 | 337.2 |
| 57.5° | 643.8 | 699.3 | 631.1 | 514.7 | 426.3 | 378.3 | 349.3 | 332.1 | 324.6 | 315.8 | 305.0 |
| 60° | 569.8 | 624.6 | 572.7 | 471.5 | 389.4 | 343.8 | 318.1 | 303.6 | 296.1 | 289.9 | 280.7 |
| 62.5° | 503.8 | 559.2 | 515.6 | 427.8 | 353.2 | 310.9 | 288.6 | 274.4 | 268.5 | 265.3 | 257.5 |
| 65° | 413.0 | 460.7 | 431.7 | 359.6 | 301.5 | 264.2 | 243.8 | 233.9 | 228.5 | 227.3 | 222.3 |
| 67.5° | 336.2 | 372.5 | 351.3 | 298.3 | 252.5 | 220.3 | 203.0 | 194.6 | 190.4 | 190.0 | 186.3 |
| 70° | 285.7 | 319.7 | 303.6 | 255.5 | 216.1 | 190.8 | 175.9 | 168.3 | 165.9 | 165.5 | 163.4 |
| 72.5° | 246.6 | 270.3 | 257.5 | 217.3 | 186.9 | 163.9 | 153.0 | 145.1 | 142.4 | 142.9 | 141.5 |
| 75° | 182.4 | 200.3 | 192.8 | 165.1 | 140.6 | 125.6 | 116.5 | 111.5 | 109.1 | 110.4 | 108.7 |
| 77.5° | 131.3 | 142.6 | 135.9 | 116.6 | 101.6 | 90.7 | 84.1 | 81.0 | 78.7 | 78.7 | 77.9 |
| 80° | 99.1 | 105.8 | 102.0 | 90.4 | 78.0 | 68.8 | 63.5 | 61.4 | 60.1 | 59.7 | 59.3 |
| 82.5° | 70.6 | 76.2 | 71.9 | 63.8 | 55.4 | 49.9 | 46.9 | 44.1 | 43.3 | 43.5 | 43.0 |
| 85° | 35.6 | 37.7 | 36.0 | 31.1 | 27.8 | 25.3 | 23.6 | 22.4 | 21.5 | 21.9 | 21.2 |
| 87.5° | 15.8 | 15.5 | 14.0 | 12.3 | 11.2 | 9.7 | 9.3 | 8.3 | 8.0 | 8.4 | 8.6 |
| 90° | 17.5 | 14.7 | 12.0 | 10.1 | 8.3 | 5.5 | 3.6 | 1.8 | 3.6 | 5.5 | 8.3 |
| 92.5° | 116.9 | 77.3 | 53.2 | 39.6 | 31.8 | 24.6 | 17.0 | 11.4 | 17.0 | 24.6 | 31.8 |
| 95° | 335.0 | 197.9 | 119.6 | 83.7 | 59.8 | 44.2 | 34.1 | 31.3 | 34.1 | 44.2 | 59.8 |
| 97.5° | 367.6 | 213.0 | 138.2 | 99.4 | 75.8 | 62.2 | 54.3 | 53.4 | 54.3 | 62.2 | 75.8 |
| 100° | 347.0 | 210.8 | 146.3 | 110.4 | 88.3 | 75.5 | 69.0 | 68.1 | 69.0 | 75.5 | 88.3 |
| 102.5° | 329.3 | 213.7 | 155.9 | 122.9 | 103.1 | 90.9 | 85.2 | 83.6 | 85.2 | 90.9 | 103.1 |
| 105° | 316.6 | 221.8 | 172.1 | 143.5 | 126.1 | 115.0 | 109.6 | 106.8 | 109.6 | 115.0 | 126.1 |
| 107.5° | 315.7 | 236.9 | 193.3 | 166.8 | 150.4 | 139.5 | 134.2 | 131.4 | 134.2 | 139.5 | 150.4 |
| 110° | 319.4 | 249.5 | 208.0 | 182.2 | 166.6 | 156.5 | 151.9 | 149.1 | 151.9 | 156.5 | 166.6 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 326.8 | 262.0 | 223.5 | 198.4 | 182.8 | 172.7 | 168.1 | 165.3 | 168.1 | 172.7 | 182.8 |
| 115° | 338.7 | 282.6 | 247.6 | 222.8 | 207.1 | 197.9 | 192.3 | 188.7 | 192.3 | 197.9 | 207.1 |
| 117.5° | 354.5 | 304.4 | 269.9 | 246.8 | 229.3 | 220.9 | 216.3 | 212.1 | 216.3 | 220.9 | 229.3 |
| 120° | 366.3 | 318.5 | 285.3 | 262.3 | 244.9 | 235.6 | 231.0 | 228.2 | 231.0 | 235.6 | 244.9 |
| 122.5° | 377.4 | 333.2 | 300.8 | 276.3 | 259.5 | 249.6 | 245.0 | 242.2 | 245.0 | 249.6 | 259.5 |
| 125° | 394.8 | 354.3 | 322.1 | 297.3 | 279.8 | 269.7 | 264.2 | 262.3 | 264.2 | 269.7 | 279.8 |
| 127.5° | 409.2 | 372.7 | 341.7 | 316.8 | 297.5 | 287.2 | 280.4 | 277.6 | 280.4 | 287.2 | 297.5 |
| 130° | 418.7 | 383.8 | 353.4 | 328.6 | 309.3 | 298.2 | 289.9 | 287.2 | 289.9 | 298.2 | 309.3 |
| 132.5° | 427.6 | 393.4 | 363.8 | 339.6 | 320.3 | 307.0 | 298.0 | 294.5 | 298.0 | 307.0 | 320.3 |
| 135° | 439.0 | 407.7 | 379.2 | 354.3 | 335.0 | 321.2 | 311.1 | 307.4 | 311.1 | 321.2 | 335.0 |
| 137.5° | 447.5 | 417.6 | 390.2 | 367.3 | 348.1 | 333.4 | 323.4 | 319.6 | 323.4 | 333.4 | 348.1 |
| 140° | 451.9 | 424.3 | 397.6 | 374.6 | 356.2 | 341.4 | 332.2 | 327.6 | 332.2 | 341.4 | 356.2 |
| 142.5° | 456.3 | 429.4 | 403.5 | 382.0 | 363.5 | 350.3 | 340.4 | 336.5 | 340.4 | 350.3 | 363.5 |
| 145° | 461.1 | 436.3 | 412.3 | 391.2 | 375.5 | 361.7 | 353.4 | 350.7 | 353.4 | 361.7 | 375.5 |
| 147.5° | 464.1 | 441.8 | 419.9 | 401.9 | 386.7 | 374.8 | 366.7 | 365.0 | 366.7 | 374.8 | 386.7 |
| 150° | 464.8 | 445.4 | 424.3 | 407.7 | 394.8 | 382.9 | 375.5 | 374.6 | 375.5 | 382.9 | 394.8 |
| 152.5° | 466.3 | 447.7 | 429.4 | 413.6 | 402.2 | 391.7 | 384.4 | 384.2 | 384.4 | 391.7 | 402.2 |
| 155° | 466.7 | 451.9 | 436.3 | 423.3 | 413.3 | 404.1 | 398.5 | 398.5 | 398.5 | 404.1 | 413.3 |
| 157.5° | 467.5 | 454.3 | 441.8 | 431.8 | 423.2 | 415.1 | 410.7 | 410.0 | 410.7 | 415.1 | 423.2 |
| 160° | 467.5 | 456.5 | 445.4 | 436.3 | 429.8 | 422.5 | 418.7 | 418.7 | 418.7 | 422.5 | 429.8 |
| 162.5° | 466.8 | 457.2 | 447.7 | 440.0 | 434.3 | 428.3 | 425.4 | 425.4 | 425.4 | 428.3 | 434.3 |
| 165° | 464.8 | 458.4 | 451.0 | 444.6 | 440.8 | 436.3 | 434.4 | 435.4 | 434.4 | 436.3 | 440.8 |
| 167.5° | 463.3 | 458.2 | 452.8 | 448.8 | 446.2 | 442.7 | 441.8 | 442.9 | 441.8 | 442.7 | 446.2 |
| 170° | 461.1 | 457.4 | 452.8 | 451.0 | 449.2 | 446.4 | 445.4 | 447.3 | 445.4 | 446.4 | 449.2 |
| 172.5° | 460.4 | 457.4 | 453.6 | 452.5 | 451.4 | 449.3 | 449.2 | 450.3 | 449.2 | 449.3 | 451.4 |
| 175° | 458.4 | 456.5 | 454.7 | 453.8 | 453.8 | 451.9 | 452.8 | 453.8 | 452.8 | 451.9 | 453.8 |
| 177.5° | 456.9 | 455.4 | 454.7 | 454.7 | 454.7 | 453.9 | 454.7 | 455.4 | 454.7 | 453.9 | 454.7 |
| 180° | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0° | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 |
| 2.5° | 841.7 | 839.4 | 836.1 | 831.1 | 827.1 | 820.8 | 820.8 | 821.8 | 821.8 | 821.5 | 820.8 |
| 5° | 816.2 | 809.9 | 802.5 | 793.8 | 784.7 | 775.5 | 773.9 | 770.6 | 768.1 | 766.4 | 764.3 |
| 7.5° | 789.3 | 778.2 | 767.3 | 755.1 | 744.0 | 734.8 | 728.4 | 723.1 | 719.7 | 716.1 | 713.4 |
| 10° | 771.0 | 757.2 | 744.4 | 731.6 | 717.5 | 706.3 | 699.3 | 694.3 | 690.5 | 687.2 | 685.6 |
| 12.5° | 749.4 | 733.7 | 719.5 | 707.3 | 691.9 | 680.4 | 673.7 | 671.4 | 666.9 | 660.0 | 656.3 |
| 15° | 717.9 | 703.4 | 686.3 | 667.7 | 660.2 | 646.1 | 638.3 | 634.5 | 632.0 | 626.6 | 625.0 |
| 17.5° | 690.9 | 671.9 | 652.8 | 638.9 | 625.0 | 613.6 | 609.2 | 604.6 | 601.3 | 596.8 | 595.6 |
| 20° | 669.4 | 652.4 | 634.9 | 620.0 | 605.5 | 593.0 | 589.3 | 586.0 | 582.7 | 580.6 | 578.9 |
| 22.5° | 647.5 | 630.5 | 616.0 | 602.1 | 586.6 | 578.5 | 574.4 | 570.8 | 568.4 | 567.0 | 565.4 |
| 25° | 616.7 | 601.7 | 585.6 | 573.1 | 560.7 | 555.3 | 552.8 | 550.7 | 549.1 | 547.0 | 546.6 |
| 27.5° | 589.1 | 572.9 | 559.8 | 548.2 | 539.2 | 534.7 | 532.3 | 531.3 | 531.7 | 532.4 | 532.9 |
| 30° | 568.5 | 553.7 | 542.9 | 532.9 | 524.7 | 520.5 | 520.1 | 520.1 | 521.7 | 522.1 | 523.0 |
| 32.5° | 549.7 | 537.4 | 526.6 | 517.0 | 510.7 | 507.9 | 509.5 | 509.5 | 510.8 | 511.8 | 513.3 |
| 35° | 522.1 | 511.4 | 503.0 | 494.8 | 489.4 | 490.6 | 491.5 | 492.3 | 494.3 | 496.9 | 498.5 |
| 37.5° | 495.8 | 486.5 | 477.8 | 471.3 | 468.9 | 471.1 | 473.1 | 474.8 | 477.3 | 479.2 | 480.9 |
| 40° | 476.9 | 469.8 | 461.6 | 455.7 | 456.6 | 457.9 | 459.5 | 461.6 | 463.7 | 464.9 | 466.6 |
| 42.5° | 459.3 | 451.9 | 445.7 | 440.8 | 442.0 | 443.6 | 444.6 | 445.7 | 448.1 | 450.3 | 451.3 |
| 45° | 432.5 | 426.7 | 421.0 | 418.0 | 418.9 | 419.7 | 420.5 | 421.8 | 423.8 | 425.5 | 426.0 |
| 47.5° | 402.4 | 398.4 | 394.5 | 391.7 | 393.0 | 392.7 | 393.7 | 396.4 | 397.0 | 398.1 | 400.4 |
| 50° | 383.2 | 379.5 | 374.9 | 374.1 | 374.1 | 374.1 | 374.5 | 377.8 | 377.8 | 379.5 | 381.1 |
| 52.5° | 361.9 | 359.6 | 356.6 | 355.1 | 354.5 | 354.5 | 356.2 | 357.9 | 358.5 | 360.9 | 362.6 |
| 55° | 330.5 | 328.0 | 325.6 | 324.3 | 323.4 | 324.3 | 327.6 | 328.4 | 330.5 | 331.8 | 333.0 |
| 57.5° | 297.8 | 295.9 | 293.9 | 293.2 | 293.0 | 294.1 | 296.0 | 298.4 | 299.0 | 302.8 | 304.7 |
| 60° | 276.2 | 273.3 | 271.6 | 271.6 | 270.8 | 274.6 | 273.7 | 277.9 | 278.7 | 281.1 | 284.1 |
| 62.5° | 254.0 | 250.1 | 249.4 | 249.4 | 250.6 | 251.7 | 252.8 | 254.6 | 256.8 | 259.9 | 262.2 |
| 65° | 218.2 | 216.1 | 219.0 | 218.6 | 217.7 | 220.2 | 220.2 | 222.3 | 224.7 | 227.7 | 232.3 |
| 67.5° | 184.2 | 183.2 | 183.4 | 183.4 | 184.7 | 186.1 | 187.2 | 189.0 | 192.0 | 195.1 | 198.0 |
| 70° | 161.3 | 162.6 | 160.5 | 162.2 | 163.4 | 163.8 | 164.6 | 167.2 | 170.5 | 172.5 | 175.9 |
| 72.5° | 139.1 | 139.0 | 139.3 | 139.9 | 141.2 | 141.9 | 142.8 | 145.6 | 149.2 | 151.0 | 153.6 |
| 75° | 107.0 | 106.5 | 107.8 | 107.8 | 109.9 | 110.7 | 111.5 | 112.8 | 116.1 | 118.6 | 120.6 |
| 77.5° | 78.1 | 78.7 | 78.3 | 79.8 | 79.2 | 79.4 | 81.9 | 83.2 | 83.5 | 88.4 | 89.5 |
| 80° | 58.9 | 59.7 | 60.1 | 60.5 | 61.0 | 60.1 | 63.1 | 64.2 | 64.2 | 67.2 | 69.2 |
| 82.5° | 42.3 | 42.8 | 43.9 | 44.3 | 44.4 | 45.2 | 45.5 | 46.3 | 47.4 | 48.6 | 51.3 |
| 85° | 21.2 | 22.4 | 22.8 | 22.4 | 22.8 | 21.9 | 23.2 | 23.6 | 24.1 | 24.1 | 24.1 |
| 87.5° | 8.6 | 9.3 | 9.6 | 10.5 | 10.7 | 11.6 | 11.4 | 10.9 | 11.1 | 12.3 | 11.3 |
| 90° | 10.1 | 12.0 | 14.7 | 17.5 | 20.3 | 23.0 | 22.1 | 23.0 | 23.9 | 24.9 | 26.7 |
| 92.5° | 39.6 | 53.2 | 77.3 | 116.9 | 155.7 | 141.6 | 106.8 | 77.5 | 61.5 | 54.3 | 49.5 |
| 95° | 83.7 | 119.6 | 197.9 | 335.0 | 486.0 | 545.8 | 442.7 | 331.4 | 224.6 | 175.8 | 142.7 |
| 97.5° | 99.4 | 138.2 | 213.0 | 367.6 | 619.2 | 845.8 | 904.9 | 825.9 | 661.6 | 542.9 | 432.8 |
| 100° | 110.4 | 146.3 | 210.8 | 347.0 | 589.1 | 871.6 | 1053.0 | 1085.1 | 1010.6 | 902.9 | 772.2 |
| 102.5° | 122.9 | 155.9 | 213.7 | 329.3 | 544.9 | 823.8 | 1060.3 | 1171.3 | 1168.9 | 1106.1 | 1023.3 |
| 105° | 143.5 | 172.1 | 221.8 | 316.6 | 490.6 | 740.0 | 1004.2 | 1196.5 | 1288.6 | 1306.1 | 1282.1 |
| 107.5° | 166.8 | 193.3 | 236.9 | 315.7 | 456.0 | 666.0 | 905.9 | 1123.9 | 1273.4 | 1354.1 | 1386.9 |
| 110° | 182.2 | 208.0 | 249.5 | 319.4 | 442.7 | 624.0 | 844.0 | 1054.8 | 1224.2 | 1340.1 | 1404.5 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 112.5° | 198.4 | 223.5 | 262.0 | 326.8 | 435.4 | 596.0 | 790.3 | 986.3 | 1159.4 | 1289.3 | 1372.1 |
| 115° | 222.8 | 247.6 | 282.6 | 338.7 | 432.6 | 566.0 | 725.2 | 895.6 | 1055.7 | 1191.0 | 1291.3 |
| 117.5° | 246.8 | 269.9 | 304.4 | 354.5 | 434.3 | 548.3 | 686.0 | 829.8 | 968.0 | 1089.6 | 1191.4 |
| 120° | 262.3 | 285.3 | 318.5 | 366.3 | 437.2 | 540.3 | 665.4 | 795.2 | 919.5 | 1029.9 | 1122.9 |
| 122.5° | 276.3 | 300.8 | 333.2 | 377.4 | 442.4 | 535.1 | 648.5 | 767.9 | 880.4 | 982.8 | 1069.1 |
| 125° | 297.3 | 322.1 | 354.3 | 394.8 | 450.0 | 528.3 | 626.8 | 731.7 | 832.0 | 920.4 | 994.0 |
| 127.5° | 316.8 | 341.7 | 372.7 | 409.2 | 458.9 | 525.0 | 607.7 | 700.1 | 789.5 | 869.2 | 936.2 |
| 130° | 328.6 | 353.4 | 383.8 | 418.7 | 464.8 | 522.8 | 597.3 | 680.2 | 763.0 | 837.6 | 900.2 |
| 132.5° | 339.6 | 363.8 | 393.4 | 427.6 | 469.2 | 522.0 | 587.8 | 661.8 | 738.0 | 807.4 | 867.0 |
| 135° | 354.3 | 379.2 | 407.7 | 439.0 | 475.9 | 520.9 | 575.3 | 636.9 | 702.3 | 762.1 | 814.5 |
| 137.5° | 367.3 | 390.2 | 417.6 | 447.5 | 480.3 | 518.9 | 564.4 | 614.3 | 667.8 | 719.4 | 764.9 |
| 140° | 374.6 | 397.6 | 424.3 | 451.9 | 483.2 | 518.2 | 557.8 | 601.0 | 647.9 | 692.1 | 731.7 |
| 142.5° | 382.0 | 403.5 | 429.4 | 456.3 | 485.4 | 516.7 | 551.8 | 588.5 | 628.8 | 667.1 | 701.6 |
| 145° | 391.2 | 412.3 | 436.3 | 461.1 | 486.9 | 514.5 | 544.0 | 573.4 | 603.8 | 633.3 | 659.9 |
| 147.5° | 401.9 | 419.9 | 441.8 | 464.1 | 486.9 | 511.0 | 536.2 | 561.1 | 585.2 | 609.0 | 627.9 |
| 150° | 407.7 | 424.3 | 445.4 | 464.8 | 486.9 | 508.0 | 531.1 | 552.2 | 573.4 | 592.7 | 610.2 |
| 152.5° | 413.6 | 429.4 | 447.7 | 466.3 | 484.7 | 504.4 | 525.2 | 544.2 | 562.4 | 579.5 | 594.1 |
| 155° | 423.3 | 436.3 | 451.9 | 466.7 | 482.3 | 498.0 | 516.3 | 532.0 | 546.7 | 560.5 | 571.6 |
| 157.5° | 431.8 | 441.8 | 454.3 | 467.5 | 479.2 | 492.3 | 506.4 | 519.1 | 531.5 | 542.1 | 550.7 |
| 160° | 436.3 | 445.4 | 456.5 | 467.5 | 477.7 | 487.8 | 499.8 | 511.7 | 521.9 | 531.1 | 537.5 |
| 162.5° | 440.0 | 447.7 | 457.2 | 466.8 | 474.8 | 483.4 | 493.1 | 502.9 | 511.6 | 520.0 | 525.7 |
| 165° | 444.6 | 451.0 | 458.4 | 464.8 | 470.3 | 476.7 | 484.1 | 491.5 | 497.0 | 503.4 | 508.0 |
| 167.5° | 448.8 | 452.8 | 458.2 | 463.3 | 465.9 | 470.2 | 475.5 | 481.6 | 485.8 | 489.5 | 492.8 |
| 170° | 451.0 | 452.8 | 457.4 | 461.1 | 463.0 | 465.7 | 470.3 | 474.9 | 477.7 | 481.3 | 483.2 |
| 172.5° | 452.5 | 453.6 | 457.4 | 460.4 | 460.7 | 462.0 | 465.2 | 469.1 | 471.0 | 474.0 | 475.1 |
| 175° | 453.8 | 454.7 | 456.5 | 458.4 | 457.4 | 457.4 | 459.3 | 461.1 | 462.0 | 463.9 | 463.9 |
| 177.5° | 454.7 | 454.7 | 455.4 | 456.9 | 455.4 | 454.7 | 455.4 | 456.1 | 456.9 | 457.6 | 457.6 |
| 180° | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 |
| 2.5° | 818.5 | 818.2 | 820.5 | 818.8 | 820.5 | 818.2 | 818.5 | 820.8 | 821.5 | 821.8 | 821.8 |
| 5° | 761.8 | 763.1 | 758.9 | 758.9 | 758.9 | 763.1 | 761.8 | 764.3 | 766.4 | 768.1 | 770.6 |
| 7.5° | 711.4 | 709.6 | 709.7 | 707.5 | 709.7 | 709.6 | 711.4 | 713.4 | 716.1 | 719.7 | 723.1 |
| 10° | 680.6 | 678.1 | 677.2 | 677.6 | 677.2 | 678.1 | 680.6 | 685.6 | 687.2 | 690.5 | 694.3 |
| 12.5° | 655.0 | 654.5 | 649.0 | 649.1 | 649.0 | 654.5 | 655.0 | 656.3 | 660.0 | 666.9 | 671.4 |
| 15° | 625.0 | 617.1 | 616.2 | 618.8 | 616.2 | 617.1 | 625.0 | 625.0 | 626.6 | 632.0 | 634.5 |
| 17.5° | 594.8 | 590.7 | 591.0 | 589.7 | 591.0 | 590.7 | 594.8 | 595.6 | 596.8 | 601.3 | 604.6 |
| 20° | 578.9 | 576.5 | 576.1 | 573.1 | 576.1 | 576.5 | 578.9 | 578.9 | 580.6 | 582.7 | 586.0 |
| 22.5° | 564.4 | 563.6 | 563.8 | 560.5 | 563.8 | 563.6 | 564.4 | 565.4 | 567.0 | 568.4 | 570.8 |
| 25° | 546.2 | 548.3 | 546.6 | 546.6 | 546.6 | 548.3 | 546.2 | 546.6 | 547.0 | 549.1 | 550.7 |
| 27.5° | 533.9 | 533.9 | 533.0 | 533.0 | 533.0 | 533.9 | 533.9 | 532.9 | 532.4 | 531.7 | 531.3 |
| 30° | 524.7 | 524.2 | 525.1 | 525.1 | 525.1 | 524.2 | 524.7 | 523.0 | 522.1 | 521.7 | 520.1 |
| 32.5° | 515.3 | 515.9 | 516.1 | 516.4 | 516.1 | 515.9 | 515.3 | 513.3 | 511.8 | 510.8 | 509.5 |
| 35° | 501.0 | 501.4 | 502.6 | 501.8 | 502.6 | 501.4 | 501.0 | 498.5 | 496.9 | 494.3 | 492.3 |
| 37.5° | 481.6 | 483.5 | 483.1 | 483.7 | 483.1 | 483.5 | 481.6 | 480.9 | 479.2 | 477.3 | 474.8 |
| 40° | 467.0 | 468.3 | 467.8 | 467.8 | 467.8 | 468.3 | 467.0 | 466.6 | 464.9 | 463.7 | 461.6 |
| 42.5° | 452.0 | 453.0 | 451.9 | 451.2 | 451.9 | 453.0 | 452.0 | 451.3 | 450.3 | 448.1 | 445.7 |
| 45° | 427.5 | 426.7 | 428.0 | 426.4 | 428.0 | 426.7 | 427.5 | 426.0 | 425.5 | 423.8 | 421.8 |
| 47.5° | 400.2 | 401.0 | 401.4 | 402.6 | 401.4 | 401.0 | 400.2 | 400.4 | 398.1 | 397.0 | 396.4 |
| 50° | 382.0 | 384.4 | 384.4 | 384.0 | 384.4 | 384.4 | 382.0 | 381.1 | 379.5 | 377.8 | 377.8 |
| 52.5° | 364.0 | 365.2 | 366.9 | 366.8 | 366.9 | 365.2 | 364.0 | 362.6 | 360.9 | 358.5 | 357.9 |
| 55° | 336.4 | 337.2 | 338.0 | 338.4 | 338.0 | 337.2 | 336.4 | 333.0 | 331.8 | 330.5 | 328.4 |
| 57.5° | 307.6 | 307.3 | 309.3 | 309.9 | 309.3 | 307.3 | 307.6 | 304.7 | 302.8 | 299.0 | 298.4 |
| 60° | 287.4 | 287.4 | 290.7 | 292.0 | 290.7 | 287.4 | 287.4 | 284.1 | 281.1 | 278.7 | 277.9 |
| 62.5° | 265.9 | 267.2 | 270.5 | 268.7 | 270.5 | 267.2 | 265.9 | 262.2 | 259.9 | 256.8 | 254.6 |
| 65° | 234.3 | 237.7 | 237.3 | 238.8 | 237.3 | 237.7 | 234.3 | 232.3 | 227.7 | 224.7 | 222.3 |
| 67.5° | 201.4 | 203.4 | 206.4 | 206.7 | 206.4 | 203.4 | 201.4 | 198.0 | 195.1 | 192.0 | 189.0 |
| 70° | 179.2 | 181.3 | 182.9 | 184.1 | 182.9 | 181.3 | 179.2 | 175.9 | 172.5 | 170.5 | 167.2 |
| 72.5° | 157.6 | 158.7 | 162.6 | 160.9 | 162.6 | 158.7 | 157.6 | 153.6 | 151.0 | 149.2 | 145.6 |
| 75° | 123.6 | 126.5 | 129.0 | 127.7 | 129.0 | 126.5 | 123.6 | 120.6 | 118.6 | 116.1 | 112.8 |
| 77.5° | 91.4 | 94.3 | 95.5 | 94.4 | 95.5 | 94.3 | 91.4 | 89.5 | 88.4 | 83.5 | 83.2 |
| 80° | 72.2 | 71.8 | 74.2 | 73.8 | 74.2 | 71.8 | 72.2 | 69.2 | 67.2 | 64.2 | 64.2 |
| 82.5° | 52.9 | 52.5 | 53.6 | 53.9 | 53.6 | 52.5 | 52.9 | 51.3 | 48.6 | 47.4 | 46.3 |
| 85° | 25.7 | 26.9 | 25.3 | 24.9 | 25.3 | 26.9 | 25.7 | 24.1 | 24.1 | 24.1 | 23.6 |
| 87.5° | 11.1 | 11.3 | 11.2 | 10.6 | 11.2 | 11.3 | 11.1 | 11.3 | 12.3 | 11.1 | 10.9 |
| 90° | 25.7 | 26.7 | 27.6 | 26.7 | 27.6 | 26.7 | 25.7 | 26.7 | 24.9 | 23.9 | 23.0 |
| 92.5° | 47.8 | 45.1 | 46.0 | 44.4 | 46.0 | 45.1 | 47.8 | 49.5 | 54.3 | 61.5 | 77.5 |
| 95° | 125.2 | 116.9 | 110.4 | 106.8 | 110.4 | 116.9 | 125.2 | 142.7 | 175.8 | 224.6 | 331.4 |
| 97.5° | 364.9 | 323.4 | 298.6 | 290.7 | 298.6 | 323.4 | 364.9 | 432.8 | 542.9 | 661.6 | 825.9 |
| 100° | 679.2 | 612.0 | 576.2 | 577.1 | 576.2 | 612.0 | 679.2 | 772.2 | 902.9 | 1010.6 | 1085.1 |
| 102.5° | 950.9 | 897.8 | 867.8 | 846.6 | 867.8 | 897.8 | 950.9 | 1023.3 | 1106.1 | 1168.9 | 1171.3 |
| 105° | 1239.8 | 1204.8 | 1175.4 | 1170.8 | 1175.4 | 1204.8 | 1239.8 | 1282.1 | 1306.1 | 1288.6 | 1196.5 |
| 107.5° | 1387.6 | 1375.8 | 1365.9 | 1357.4 | 1365.9 | 1375.8 | 1387.6 | 1386.9 | 1354.1 | 1273.4 | 1123.9 |
| 110° | 1430.3 | 1437.7 | 1435.8 | 1434.0 | 1435.8 | 1437.7 | 1430.3 | 1404.5 | 1340.1 | 1224.2 | 1054.8 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 112.5° | 1419.3 | 1442.1 | 1449.1 | 1449.5 | 1449.1 | 1442.1 | 1419.3 | 1372.1 | 1289.3 | 1159.4 | 986.3 |
| 115° | 1360.3 | 1400.8 | 1419.3 | 1423.9 | 1419.3 | 1400.8 | 1360.3 | 1291.3 | 1191.0 | 1055.7 | 895.6 |
| 117.5° | 1263.4 | 1309.7 | 1336.3 | 1342.5 | 1336.3 | 1309.7 | 1263.4 | 1191.4 | 1089.6 | 968.0 | 829.8 |
| 120° | 1195.6 | 1247.1 | 1269.2 | 1274.8 | 1269.2 | 1247.1 | 1195.6 | 1122.9 | 1029.9 | 919.5 | 795.2 |
| 122.5° | 1133.8 | 1180.1 | 1204.4 | 1211.4 | 1204.4 | 1180.1 | 1133.8 | 1069.1 | 982.8 | 880.4 | 767.9 |
| 125° | 1053.0 | 1093.4 | 1116.4 | 1122.9 | 1116.4 | 1093.4 | 1053.0 | 994.0 | 920.4 | 832.0 | 731.7 |
| 127.5° | 988.7 | 1023.3 | 1044.1 | 1050.0 | 1044.1 | 1023.3 | 988.7 | 936.2 | 869.2 | 789.5 | 700.1 |
| 130° | 949.0 | 982.1 | 1001.4 | 1008.8 | 1001.4 | 982.1 | 949.0 | 900.2 | 837.6 | 763.0 | 680.2 |
| 132.5° | 912.8 | 945.9 | 963.1 | 968.3 | 963.1 | 945.9 | 912.8 | 867.0 | 807.4 | 738.0 | 661.8 |
| 135° | 859.7 | 887.2 | 903.8 | 910.3 | 903.8 | 887.2 | 859.7 | 814.5 | 762.1 | 702.3 | 636.9 |
| 137.5° | 802.8 | 830.8 | 844.7 | 849.0 | 844.7 | 830.8 | 802.8 | 764.9 | 719.4 | 667.8 | 614.3 |
| 140° | 766.7 | 792.5 | 807.2 | 806.3 | 807.2 | 792.5 | 766.7 | 731.7 | 692.1 | 647.9 | 601.0 |
| 142.5° | 731.3 | 754.2 | 767.4 | 766.5 | 767.4 | 754.2 | 731.3 | 701.6 | 667.1 | 628.8 | 588.5 |
| 145° | 682.9 | 702.3 | 709.6 | 711.5 | 709.6 | 702.3 | 682.9 | 659.9 | 633.3 | 603.8 | 573.4 |
| 147.5° | 645.4 | 658.5 | 665.4 | 666.1 | 665.4 | 658.5 | 645.4 | 627.9 | 609.0 | 585.2 | 561.1 |
| 150° | 624.0 | 634.1 | 639.7 | 639.7 | 639.7 | 634.1 | 624.0 | 610.2 | 592.7 | 573.4 | 552.2 |
| 152.5° | 604.9 | 614.3 | 617.6 | 617.6 | 617.6 | 614.3 | 604.9 | 594.1 | 579.5 | 562.4 | 544.2 |
| 155° | 579.9 | 587.2 | 589.1 | 589.9 | 589.1 | 587.2 | 579.9 | 571.6 | 560.5 | 546.7 | 532.0 |
| 157.5° | 557.9 | 563.5 | 564.9 | 564.7 | 564.9 | 563.5 | 557.9 | 550.7 | 542.1 | 531.5 | 519.1 |
| 160° | 544.0 | 549.5 | 549.5 | 548.6 | 549.5 | 549.5 | 544.0 | 537.5 | 531.1 | 521.9 | 511.7 |
| 162.5° | 530.0 | 534.7 | 534.7 | 533.9 | 534.7 | 534.7 | 530.0 | 525.7 | 520.0 | 511.6 | 502.9 |
| 165° | 511.7 | 515.4 | 514.5 | 514.5 | 514.5 | 515.4 | 511.7 | 508.0 | 503.4 | 497.0 | 491.5 |
| 167.5° | 494.4 | 497.0 | 496.1 | 496.1 | 496.1 | 497.0 | 494.4 | 492.8 | 489.5 | 485.8 | 481.6 |
| 170° | 484.1 | 486.0 | 485.1 | 485.1 | 485.1 | 486.0 | 484.1 | 483.2 | 481.3 | 477.7 | 474.9 |
| 172.5° | 475.3 | 477.1 | 475.5 | 474.8 | 475.5 | 477.1 | 475.3 | 475.1 | 474.0 | 471.0 | 469.1 |
| 175° | 463.9 | 464.8 | 463.9 | 463.0 | 463.9 | 464.8 | 463.9 | 463.9 | 463.9 | 462.0 | 461.1 |
| 177.5° | 456.9 | 457.6 | 456.1 | 456.1 | 456.1 | 457.6 | 456.9 | 457.6 | 457.6 | 456.9 | 456.1 |
| 180° | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 |
| 2.5° | 820.8 | 820.8 | 827.1 | 831.1 | 836.1 | 839.4 | 841.7 | 844.1 | 848.0 | 853.3 | 859.3 |
| 5° | 773.9 | 775.5 | 784.7 | 793.8 | 802.5 | 809.9 | 816.2 | 823.6 | 832.7 | 844.0 | 856.4 |
| 7.5° | 728.4 | 734.8 | 744.0 | 755.1 | 767.3 | 778.2 | 789.3 | 801.5 | 814.4 | 830.8 | 848.3 |
| 10° | 699.3 | 706.3 | 717.5 | 731.6 | 744.4 | 757.2 | 771.0 | 784.3 | 800.4 | 819.9 | 842.3 |
| 12.5° | 673.7 | 680.4 | 691.9 | 707.3 | 719.5 | 733.7 | 749.4 | 766.7 | 784.8 | 808.3 | 833.7 |
| 15° | 638.3 | 646.1 | 660.2 | 667.7 | 686.3 | 703.4 | 717.9 | 742.8 | 766.0 | 790.0 | 819.5 |
| 17.5° | 609.2 | 613.6 | 625.0 | 638.9 | 652.8 | 671.9 | 690.9 | 711.7 | 734.8 | 764.2 | 801.1 |
| 20° | 589.3 | 593.0 | 605.5 | 620.0 | 634.9 | 652.4 | 669.4 | 690.1 | 716.2 | 747.3 | 787.1 |
| 22.5° | 574.4 | 578.5 | 586.6 | 602.1 | 616.0 | 630.5 | 647.5 | 672.2 | 700.0 | 730.4 | 773.6 |
| 25° | 552.8 | 555.3 | 560.7 | 573.1 | 585.6 | 601.7 | 616.7 | 639.9 | 668.5 | 704.2 | 747.3 |
| 27.5° | 532.3 | 534.7 | 539.2 | 548.2 | 559.8 | 572.9 | 589.1 | 608.9 | 637.9 | 676.7 | 722.5 |
| 30° | 520.1 | 520.5 | 524.7 | 532.9 | 542.9 | 553.7 | 568.5 | 591.0 | 618.4 | 657.7 | 705.8 |
| 32.5° | 509.5 | 507.9 | 510.7 | 517.0 | 526.6 | 537.4 | 549.7 | 571.7 | 598.1 | 636.8 | 686.3 |
| 35° | 491.5 | 490.6 | 489.4 | 494.8 | 503.0 | 511.4 | 522.1 | 538.8 | 568.5 | 604.7 | 656.5 |
| 37.5° | 473.1 | 471.1 | 468.9 | 471.3 | 477.8 | 486.5 | 495.8 | 510.6 | 536.3 | 576.1 | 625.7 |
| 40° | 459.5 | 457.9 | 456.6 | 455.7 | 461.6 | 469.8 | 476.9 | 491.0 | 515.1 | 552.8 | 601.7 |
| 42.5° | 444.6 | 443.6 | 442.0 | 440.8 | 445.7 | 451.9 | 459.3 | 471.8 | 495.8 | 531.2 | 577.6 |
| 45° | 420.5 | 419.7 | 418.9 | 418.0 | 421.0 | 426.7 | 432.5 | 441.6 | 462.4 | 496.9 | 538.8 |
| 47.5° | 393.7 | 392.7 | 393.0 | 391.7 | 394.5 | 398.4 | 402.4 | 412.3 | 432.1 | 459.9 | 490.5 |
| 50° | 374.5 | 374.1 | 374.1 | 374.1 | 374.9 | 379.5 | 383.2 | 390.7 | 408.9 | 436.7 | 458.7 |
| 52.5° | 356.2 | 354.5 | 354.5 | 355.1 | 356.6 | 359.6 | 361.9 | 370.1 | 386.0 | 408.8 | 428.8 |
| 55° | 327.6 | 324.3 | 323.4 | 324.3 | 325.6 | 328.0 | 330.5 | 337.2 | 350.9 | 367.9 | 379.5 |
| 57.5° | 296.0 | 294.1 | 293.0 | 293.2 | 293.9 | 295.9 | 297.8 | 305.0 | 315.8 | 324.6 | 332.1 |
| 60° | 273.7 | 274.6 | 270.8 | 271.6 | 271.6 | 273.3 | 276.2 | 280.7 | 289.9 | 296.1 | 303.6 |
| 62.5° | 252.8 | 251.7 | 250.6 | 249.4 | 249.4 | 250.1 | 254.0 | 257.5 | 265.3 | 268.5 | 274.4 |
| 65° | 220.2 | 220.2 | 217.7 | 218.6 | 219.0 | 216.1 | 218.2 | 222.3 | 227.3 | 228.5 | 233.9 |
| 67.5° | 187.2 | 186.1 | 184.7 | 183.4 | 183.4 | 183.2 | 184.2 | 186.3 | 190.0 | 190.4 | 194.6 |
| 70° | 164.6 | 163.8 | 163.4 | 162.2 | 160.5 | 162.6 | 161.3 | 163.4 | 165.5 | 165.9 | 168.3 |
| 72.5° | 142.8 | 141.9 | 141.2 | 139.9 | 139.3 | 139.0 | 139.1 | 141.5 | 142.9 | 142.4 | 145.1 |
| 75° | 111.5 | 110.7 | 109.9 | 107.8 | 107.8 | 106.5 | 107.0 | 108.7 | 110.4 | 109.1 | 111.5 |
| 77.5° | 81.9 | 79.4 | 79.2 | 79.8 | 78.3 | 78.7 | 78.1 | 77.9 | 78.7 | 78.7 | 81.0 |
| 80° | 63.1 | 60.1 | 61.0 | 60.5 | 60.1 | 59.7 | 58.9 | 59.3 | 59.7 | 60.1 | 61.4 |
| 82.5° | 45.5 | 45.2 | 44.4 | 44.3 | 43.9 | 42.8 | 42.3 | 43.0 | 43.5 | 43.3 | 44.1 |
| 85° | 23.2 | 21.9 | 22.8 | 22.4 | 22.8 | 22.4 | 21.2 | 21.2 | 21.9 | 21.5 | 22.4 |
| 87.5° | 11.4 | 11.6 | 10.7 | 10.5 | 9.6 | 9.3 | 8.6 | 8.6 | 8.4 | 8.0 | 8.3 |
| 90° | 22.1 | 23.0 | 20.3 | 17.5 | 14.7 | 12.0 | 10.1 | 8.3 | 5.5 | 3.6 | 1.8 |
| 92.5° | 106.8 | 141.6 | 155.7 | 116.9 | 77.3 | 53.2 | 39.6 | 31.8 | 24.6 | 17.0 | 11.4 |
| 95° | 442.7 | 545.8 | 486.0 | 335.0 | 197.9 | 119.6 | 83.7 | 59.8 | 44.2 | 34.1 | 31.3 |
| 97.5° | 904.9 | 845.8 | 619.2 | 367.6 | 213.0 | 138.2 | 99.4 | 75.8 | 62.2 | 54.3 | 53.4 |
| 100° | 1053.0 | 871.6 | 589.1 | 347.0 | 210.8 | 146.3 | 110.4 | 88.3 | 75.5 | 69.0 | 68.1 |
| 102.5° | 1060.3 | 823.8 | 544.9 | 329.3 | 213.7 | 155.9 | 122.9 | 103.1 | 90.9 | 85.2 | 83.6 |
| 105° | 1004.2 | 740.0 | 490.6 | 316.6 | 221.8 | 172.1 | 143.5 | 126.1 | 115.0 | 109.6 | 106.8 |
| 107.5° | 905.9 | 666.0 | 456.0 | 315.7 | 236.9 | 193.3 | 166.8 | 150.4 | 139.5 | 134.2 | 131.4 |
| 110° | 844.0 | 624.0 | 442.7 | 319.4 | 249.5 | 208.0 | 182.2 | 166.6 | 156.5 | 151.9 | 149.1 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 790.3 | 596.0 | 435.4 | 326.8 | 262.0 | 223.5 | 198.4 | 182.8 | 172.7 | 168.1 | 165.3 |
| 115° | 725.2 | 566.0 | 432.6 | 338.7 | 282.6 | 247.6 | 222.8 | 207.1 | 197.9 | 192.3 | 188.7 |
| 117.5° | 686.0 | 548.3 | 434.3 | 354.5 | 304.4 | 269.9 | 246.8 | 229.3 | 220.9 | 216.3 | 212.1 |
| 120° | 665.4 | 540.3 | 437.2 | 366.3 | 318.5 | 285.3 | 262.3 | 244.9 | 235.6 | 231.0 | 228.2 |
| 122.5° | 648.5 | 535.1 | 442.4 | 377.4 | 333.2 | 300.8 | 276.3 | 259.5 | 249.6 | 245.0 | 242.2 |
| 125° | 626.8 | 528.3 | 450.0 | 394.8 | 354.3 | 322.1 | 297.3 | 279.8 | 269.7 | 264.2 | 262.3 |
| 127.5° | 607.7 | 525.0 | 458.9 | 409.2 | 372.7 | 341.7 | 316.8 | 297.5 | 287.2 | 280.4 | 277.6 |
| 130° | 597.3 | 522.8 | 464.8 | 418.7 | 383.8 | 353.4 | 328.6 | 309.3 | 298.2 | 289.9 | 287.2 |
| 132.5° | 587.8 | 522.0 | 469.2 | 427.6 | 393.4 | 363.8 | 339.6 | 320.3 | 307.0 | 298.0 | 294.5 |
| 135° | 575.3 | 520.9 | 475.9 | 439.0 | 407.7 | 379.2 | 354.3 | 335.0 | 321.2 | 311.1 | 307.4 |
| 137.5° | 564.4 | 518.9 | 480.3 | 447.5 | 417.6 | 390.2 | 367.3 | 348.1 | 333.4 | 323.4 | 319.6 |
| 140° | 557.8 | 518.2 | 483.2 | 451.9 | 424.3 | 397.6 | 374.6 | 356.2 | 341.4 | 332.2 | 327.6 |
| 142.5° | 551.8 | 516.7 | 485.4 | 456.3 | 429.4 | 403.5 | 382.0 | 363.5 | 350.3 | 340.4 | 336.5 |
| 145° | 544.0 | 514.5 | 486.9 | 461.1 | 436.3 | 412.3 | 391.2 | 375.5 | 361.7 | 353.4 | 350.7 |
| 147.5° | 536.2 | 511.0 | 486.9 | 464.1 | 441.8 | 419.9 | 401.9 | 386.7 | 374.8 | 366.7 | 365.0 |
| 150° | 531.1 | 508.0 | 486.9 | 464.8 | 445.4 | 424.3 | 407.7 | 394.8 | 382.9 | 375.5 | 374.6 |
| 152.5° | 525.2 | 504.4 | 484.7 | 466.3 | 447.7 | 429.4 | 413.6 | 402.2 | 391.7 | 384.4 | 384.2 |
| 155° | 516.3 | 498.0 | 482.3 | 466.7 | 451.9 | 436.3 | 423.3 | 413.3 | 404.1 | 398.5 | 398.5 |
| 157.5° | 506.4 | 492.3 | 479.2 | 467.5 | 454.3 | 441.8 | 431.8 | 423.2 | 415.1 | 410.7 | 410.0 |
| 160° | 499.8 | 487.8 | 477.7 | 467.5 | 456.5 | 445.4 | 436.3 | 429.8 | 422.5 | 418.7 | 418.7 |
| 162.5° | 493.1 | 483.4 | 474.8 | 466.8 | 457.2 | 447.7 | 440.0 | 434.3 | 428.3 | 425.4 | 425.4 |
| 165° | 484.1 | 476.7 | 470.3 | 464.8 | 458.4 | 451.0 | 444.6 | 440.8 | 436.3 | 434.4 | 435.4 |
| 167.5° | 475.5 | 470.2 | 465.9 | 463.3 | 458.2 | 452.8 | 448.8 | 446.2 | 442.7 | 441.8 | 442.9 |
| 170° | 470.3 | 465.7 | 463.0 | 461.1 | 457.4 | 452.8 | 451.0 | 449.2 | 446.4 | 445.4 | 447.3 |
| 172.5° | 465.2 | 462.0 | 460.7 | 460.4 | 457.4 | 453.6 | 452.5 | 451.4 | 449.3 | 449.2 | 450.3 |
| 175° | 459.3 | 457.4 | 457.4 | 458.4 | 456.5 | 454.7 | 453.8 | 453.8 | 451.9 | 452.8 | 453.8 |
| 177.5° | 455.4 | 454.7 | 455.4 | 456.9 | 455.4 | 454.7 | 454.7 | 454.7 | 453.9 | 454.7 | 455.4 |
| 180° | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 |
| 2.5° | 861.3 | 862.9 | 868.6 | 872.6 | 877.2 | 879.9 | 882.5 | 884.6 | 887.2 | 887.8 | 897.5 |
| 5° | 865.1 | 873.4 | 888.0 | 898.7 | 912.0 | 926.5 | 936.4 | 941.0 | 953.0 | 963.0 | 982.9 |
| 7.5° | 864.0 | 881.7 | 903.6 | 926.3 | 950.7 | 973.3 | 992.8 | 1016.1 | 1032.6 | 1057.4 | 1081.8 |
| 10° | 863.0 | 886.7 | 914.9 | 943.9 | 977.9 | 1009.4 | 1037.6 | 1069.1 | 1095.3 | 1129.7 | 1159.1 |
| 12.5° | 860.1 | 888.7 | 927.8 | 962.2 | 1003.5 | 1046.9 | 1088.7 | 1129.2 | 1152.3 | 1209.7 | 1236.8 |
| 15° | 852.7 | 886.7 | 935.6 | 987.9 | 1044.7 | 1096.1 | 1149.2 | 1191.5 | 1259.9 | 1310.1 | 1342.0 |
| 17.5° | 838.6 | 886.2 | 944.2 | 1007.3 | 1076.3 | 1144.1 | 1204.3 | 1268.4 | 1341.0 | 1401.8 | 1466.5 |
| 20° | 831.9 | 884.2 | 948.9 | 1018.6 | 1090.3 | 1167.0 | 1235.5 | 1312.6 | 1391.8 | 1451.5 | 1534.5 |
| 22.5° | 819.7 | 878.8 | 948.6 | 1026.2 | 1102.9 | 1182.3 | 1262.3 | 1340.1 | 1431.6 | 1513.9 | 1592.8 |
| 25° | 799.5 | 865.9 | 938.1 | 1024.8 | 1114.8 | 1194.4 | 1290.2 | 1393.4 | 1488.8 | 1594.6 | 1673.4 |
| 27.5° | 778.5 | 849.4 | 921.7 | 1002.3 | 1099.1 | 1193.6 | 1314.1 | 1430.8 | 1547.4 | 1638.7 | 1697.0 |
| 30° | 762.2 | 831.1 | 905.8 | 987.1 | 1082.8 | 1195.2 | 1330.0 | 1457.3 | 1571.0 | 1649.3 | 1682.1 |
| 32.5° | 744.7 | 814.5 | 880.5 | 965.8 | 1067.9 | 1194.2 | 1340.0 | 1472.9 | 1572.3 | 1624.4 | 1618.1 |
| 35° | 717.1 | 775.5 | 839.8 | 921.9 | 1042.2 | 1186.9 | 1345.8 | 1474.3 | 1535.3 | 1524.1 | 1439.5 |
| 37.5° | 677.2 | 726.4 | 789.7 | 879.6 | 1012.3 | 1171.6 | 1334.2 | 1430.6 | 1426.6 | 1335.5 | 1212.9 |
| 40° | 652.4 | 694.3 | 755.2 | 849.8 | 989.1 | 1161.7 | 1315.9 | 1378.6 | 1325.5 | 1198.1 | 1051.3 |
| 42.5° | 619.9 | 658.4 | 719.4 | 816.6 | 963.5 | 1141.4 | 1281.0 | 1299.3 | 1195.4 | 1048.8 | 914.3 |
| 45° | 569.4 | 603.4 | 666.5 | 766.8 | 925.3 | 1097.3 | 1196.0 | 1151.7 | 1011.9 | 860.5 | 758.1 |
| 47.5° | 515.2 | 550.6 | 611.2 | 714.3 | 869.8 | 1031.1 | 1078.1 | 983.7 | 840.2 | 717.5 | 623.4 |
| 50° | 481.1 | 515.1 | 574.4 | 678.5 | 832.3 | 976.7 | 996.2 | 874.3 | 742.4 | 634.5 | 557.4 |
| 52.5° | 446.6 | 478.6 | 536.9 | 641.4 | 788.5 | 913.6 | 901.6 | 777.4 | 656.1 | 564.2 | 503.7 |
| 55° | 395.2 | 425.5 | 481.1 | 578.9 | 712.9 | 812.0 | 768.5 | 649.9 | 549.5 | 478.2 | 432.1 |
| 57.5° | 349.3 | 378.3 | 426.3 | 514.7 | 631.1 | 699.3 | 643.8 | 543.8 | 464.1 | 409.2 | 374.9 |
| 60° | 318.1 | 343.8 | 389.4 | 471.5 | 572.7 | 624.6 | 569.8 | 481.5 | 414.3 | 370.3 | 339.7 |
| 62.5° | 288.6 | 310.9 | 353.2 | 427.8 | 515.6 | 559.2 | 503.8 | 429.0 | 371.9 | 332.9 | 306.8 |
| 65° | 243.8 | 264.2 | 301.5 | 359.6 | 431.7 | 460.7 | 413.0 | 352.5 | 308.2 | 279.1 | 261.7 |
| 67.5° | 203.0 | 220.3 | 252.5 | 298.3 | 351.3 | 372.5 | 336.2 | 289.3 | 255.9 | 232.6 | 218.7 |
| 70° | 175.9 | 190.8 | 216.1 | 255.5 | 303.6 | 319.7 | 285.7 | 247.2 | 222.7 | 204.1 | 191.2 |
| 72.5° | 153.0 | 163.9 | 186.9 | 217.3 | 257.5 | 270.3 | 246.6 | 212.7 | 189.9 | 175.9 | 165.6 |
| 75° | 116.5 | 125.6 | 140.6 | 165.1 | 192.8 | 200.3 | 182.4 | 161.3 | 146.0 | 136.0 | 128.2 |
| 77.5° | 84.1 | 90.7 | 101.6 | 116.6 | 135.9 | 142.6 | 131.3 | 117.2 | 106.0 | 99.3 | 94.9 |
| 80° | 63.5 | 68.8 | 78.0 | 90.4 | 102.0 | 105.8 | 99.1 | 88.3 | 80.5 | 76.8 | 73.0 |
| 82.5° | 46.9 | 49.9 | 55.4 | 63.8 | 71.9 | 76.2 | 70.6 | 64.1 | 59.9 | 56.5 | 55.1 |
| 85° | 23.6 | 25.3 | 27.8 | 31.1 | 36.0 | 37.7 | 35.6 | 34.0 | 31.5 | 29.5 | 29.5 |
| 87.5° | 9.3 | 9.7 | 11.2 | 12.3 | 14.0 | 15.5 | 15.8 | 15.7 | 15.8 | 15.4 | 15.2 |
| 90° | 3.6 | 5.5 | 8.3 | 10.1 | 12.0 | 14.7 | 17.5 | 20.3 | 23.0 | 22.1 | 23.0 |
| 92.5° | 17.0 | 24.6 | 31.8 | 39.6 | 53.2 | 77.3 | 116.9 | 155.7 | 141.6 | 106.8 | 77.5 |
| 95° | 34.1 | 44.2 | 59.8 | 83.7 | 119.6 | 197.9 | 335.0 | 486.0 | 545.8 | 442.7 | 331.4 |
| 97.5° | 54.3 | 62.2 | 75.8 | 99.4 | 138.2 | 213.0 | 367.6 | 619.2 | 845.8 | 904.9 | 825.9 |
| 100° | 69.0 | 75.5 | 88.3 | 110.4 | 146.3 | 210.8 | 347.0 | 589.1 | 871.6 | 1053.0 | 1085.1 |
| 102.5° | 85.2 | 90.9 | 103.1 | 122.9 | 155.9 | 213.7 | 329.3 | 544.9 | 823.8 | 1060.3 | 1171.3 |
| 105° | 109.6 | 115.0 | 126.1 | 143.5 | 172.1 | 221.8 | 316.6 | 490.6 | 740.0 | 1004.2 | 1196.5 |
| 107.5° | 134.2 | 139.5 | 150.4 | 166.8 | 193.3 | 236.9 | 315.7 | 456.0 | 666.0 | 905.9 | 1123.9 |
| 110° | 151.9 | 156.5 | 166.6 | 182.2 | 208.0 | 249.5 | 319.4 | 442.7 | 624.0 | 844.0 | 1054.8 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.1 | 172.7 | 182.8 | 198.4 | 223.5 | 262.0 | 326.8 | 435.4 | 596.0 | 790.3 | 986.3 |
| 115° | 192.3 | 197.9 | 207.1 | 222.8 | 247.6 | 282.6 | 338.7 | 432.6 | 566.0 | 725.2 | 895.6 |
| 117.5° | 216.3 | 220.9 | 229.3 | 246.8 | 269.9 | 304.4 | 354.5 | 434.3 | 548.3 | 686.0 | 829.8 |
| 120° | 231.0 | 235.6 | 244.9 | 262.3 | 285.3 | 318.5 | 366.3 | 437.2 | 540.3 | 665.4 | 795.2 |
| 122.5° | 245.0 | 249.6 | 259.5 | 276.3 | 300.8 | 333.2 | 377.4 | 442.4 | 535.1 | 648.5 | 767.9 |
| 125° | 264.2 | 269.7 | 279.8 | 297.3 | 322.1 | 354.3 | 394.8 | 450.0 | 528.3 | 626.8 | 731.7 |
| 127.5° | 280.4 | 287.2 | 297.5 | 316.8 | 341.7 | 372.7 | 409.2 | 458.9 | 525.0 | 607.7 | 700.1 |
| 130° | 289.9 | 298.2 | 309.3 | 328.6 | 353.4 | 383.8 | 418.7 | 464.8 | 522.8 | 597.3 | 680.2 |
| 132.5° | 298.0 | 307.0 | 320.3 | 339.6 | 363.8 | 393.4 | 427.6 | 469.2 | 522.0 | 587.8 | 661.8 |
| 135° | 311.1 | 321.2 | 335.0 | 354.3 | 379.2 | 407.7 | 439.0 | 475.9 | 520.9 | 575.3 | 636.9 |
| 137.5° | 323.4 | 333.4 | 348.1 | 367.3 | 390.2 | 417.6 | 447.5 | 480.3 | 518.9 | 564.4 | 614.3 |
| 140° | 332.2 | 341.4 | 356.2 | 374.6 | 397.6 | 424.3 | 451.9 | 483.2 | 518.2 | 557.8 | 601.0 |
| 142.5° | 340.4 | 350.3 | 363.5 | 382.0 | 403.5 | 429.4 | 456.3 | 485.4 | 516.7 | 551.8 | 588.5 |
| 145° | 353.4 | 361.7 | 375.5 | 391.2 | 412.3 | 436.3 | 461.1 | 486.9 | 514.5 | 544.0 | 573.4 |
| 147.5° | 366.7 | 374.8 | 386.7 | 401.9 | 419.9 | 441.8 | 464.1 | 486.9 | 511.0 | 536.2 | 561.1 |
| 150° | 375.5 | 382.9 | 394.8 | 407.7 | 424.3 | 445.4 | 464.8 | 486.9 | 508.0 | 531.1 | 552.2 |
| 152.5° | 384.4 | 391.7 | 402.2 | 413.6 | 429.4 | 447.7 | 466.3 | 484.7 | 504.4 | 525.2 | 544.2 |
| 155° | 398.5 | 404.1 | 413.3 | 423.3 | 436.3 | 451.9 | 466.7 | 482.3 | 498.0 | 516.3 | 532.0 |
| 157.5° | 410.7 | 415.1 | 423.2 | 431.8 | 441.8 | 454.3 | 467.5 | 479.2 | 492.3 | 506.4 | 519.1 |
| 160° | 418.7 | 422.5 | 429.8 | 436.3 | 445.4 | 456.5 | 467.5 | 477.7 | 487.8 | 499.8 | 511.7 |
| 162.5° | 425.4 | 428.3 | 434.3 | 440.0 | 447.7 | 457.2 | 466.8 | 474.8 | 483.4 | 493.1 | 502.9 |
| 165° | 434.4 | 436.3 | 440.8 | 444.6 | 451.0 | 458.4 | 464.8 | 470.3 | 476.7 | 484.1 | 491.5 |
| 167.5° | 441.8 | 442.7 | 446.2 | 448.8 | 452.8 | 458.2 | 463.3 | 465.9 | 470.2 | 475.5 | 481.6 |
| 170° | 445.4 | 446.4 | 449.2 | 451.0 | 452.8 | 457.4 | 461.1 | 463.0 | 465.7 | 470.3 | 474.9 |
| 172.5° | 449.2 | 449.3 | 451.4 | 452.5 | 453.6 | 457.4 | 460.4 | 460.7 | 462.0 | 465.2 | 469.1 |
| 175° | 452.8 | 451.9 | 453.8 | 453.8 | 454.7 | 456.5 | 458.4 | 457.4 | 457.4 | 459.3 | 461.1 |
| 177.5° | 454.7 | 453.9 | 454.7 | 454.7 | 454.7 | 455.4 | 456.9 | 455.4 | 454.7 | 455.4 | 456.1 |
| 180° | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 | 856.0 |
| 2.5° | 900.8 | 901.1 | 904.8 | 907.4 | 906.1 | 907.8 | 908.4 |
| 5° | 984.1 | 999.1 | 1006.9 | 1012.7 | 1013.2 | 1013.6 | 1016.9 |
| 7.5° | 1102.3 | 1118.3 | 1130.0 | 1147.8 | 1153.1 | 1159.1 | 1157.4 |
| 10° | 1188.6 | 1212.2 | 1232.6 | 1243.3 | 1255.0 | 1271.9 | 1258.3 |
| 12.5° | 1269.2 | 1311.1 | 1342.0 | 1358.8 | 1369.8 | 1373.2 | 1366.4 |
| 15° | 1402.2 | 1456.9 | 1486.4 | 1485.5 | 1522.9 | 1539.1 | 1513.7 |
| 17.5° | 1524.1 | 1574.6 | 1615.1 | 1635.9 | 1666.9 | 1673.8 | 1670.6 |
| 20° | 1598.8 | 1653.9 | 1685.4 | 1721.1 | 1737.3 | 1751.8 | 1754.3 |
| 22.5° | 1663.1 | 1712.6 | 1746.4 | 1776.2 | 1789.7 | 1796.6 | 1800.7 |
| 25° | 1729.4 | 1768.4 | 1788.7 | 1799.0 | 1802.8 | 1802.0 | 1796.6 |
| 27.5° | 1724.8 | 1727.8 | 1705.4 | 1683.5 | 1663.8 | 1641.6 | 1634.0 |
| 30° | 1680.1 | 1645.2 | 1583.0 | 1547.8 | 1495.9 | 1454.8 | 1471.4 |
| 32.5° | 1562.3 | 1492.9 | 1423.1 | 1346.0 | 1282.2 | 1264.1 | 1245.8 |
| 35° | 1333.3 | 1211.4 | 1140.1 | 1057.1 | 1024.0 | 990.8 | 968.0 |
| 37.5° | 1078.7 | 984.4 | 899.8 | 845.5 | 812.3 | 791.3 | 780.0 |
| 40° | 932.7 | 847.7 | 778.0 | 734.0 | 708.8 | 685.2 | 681.8 |
| 42.5° | 816.3 | 737.2 | 684.8 | 649.7 | 625.5 | 615.4 | 608.2 |
| 45° | 668.5 | 613.4 | 578.1 | 553.3 | 537.1 | 530.8 | 522.5 |
| 47.5° | 565.9 | 526.9 | 500.4 | 483.5 | 471.3 | 466.7 | 466.0 |
| 50° | 508.4 | 476.1 | 456.6 | 443.3 | 433.8 | 432.1 | 425.5 |
| 52.5° | 465.3 | 437.3 | 422.1 | 410.5 | 403.6 | 398.9 | 397.0 |
| 55° | 403.9 | 385.2 | 371.6 | 365.0 | 359.6 | 355.0 | 355.0 |
| 57.5° | 353.4 | 337.9 | 328.8 | 323.1 | 321.5 | 318.2 | 316.2 |
| 60° | 322.3 | 309.0 | 301.9 | 296.9 | 293.7 | 294.1 | 290.3 |
| 62.5° | 291.7 | 283.1 | 276.4 | 271.4 | 267.4 | 267.5 | 267.8 |
| 65° | 248.4 | 241.8 | 236.8 | 235.1 | 232.7 | 229.7 | 230.6 |
| 67.5° | 210.5 | 204.3 | 200.4 | 197.6 | 196.8 | 195.2 | 197.6 |
| 70° | 183.3 | 178.7 | 175.9 | 173.3 | 172.5 | 172.9 | 175.0 |
| 72.5° | 158.4 | 155.2 | 153.3 | 152.1 | 150.3 | 150.4 | 151.8 |
| 75° | 124.5 | 121.9 | 120.3 | 119.0 | 118.6 | 118.6 | 118.6 |
| 77.5° | 91.4 | 90.9 | 90.1 | 88.2 | 88.3 | 88.8 | 88.9 |
| 80° | 72.2 | 70.9 | 70.5 | 69.7 | 68.4 | 67.6 | 69.7 |
| 82.5° | 53.9 | 52.7 | 52.3 | 52.1 | 50.1 | 50.0 | 51.7 |
| 85° | 29.0 | 27.8 | 28.2 | 27.8 | 27.8 | 27.4 | 27.4 |
| 87.5° | 15.1 | 14.9 | 15.0 | 15.1 | 15.0 | 14.8 | 15.3 |
| 90° | 23.9 | 24.9 | 26.7 | 25.7 | 26.7 | 27.6 | 26.7 |
| 92.5° | 61.5 | 54.3 | 49.5 | 47.8 | 45.1 | 46.0 | 44.4 |
| 95° | 224.6 | 175.8 | 142.7 | 125.2 | 116.9 | 110.4 | 106.8 |
| 97.5° | 661.6 | 542.9 | 432.8 | 364.9 | 323.4 | 298.6 | 290.7 |
| 100° | 1010.6 | 902.9 | 772.2 | 679.2 | 612.0 | 576.2 | 577.1 |
| 102.5° | 1168.9 | 1106.1 | 1023.3 | 950.9 | 897.8 | 867.8 | 846.6 |
| 105° | 1288.6 | 1306.1 | 1282.1 | 1239.8 | 1204.8 | 1175.4 | 1170.8 |
| 107.5° | 1273.4 | 1354.1 | 1386.9 | 1387.6 | 1375.8 | 1365.9 | 1357.4 |
| 110° | 1224.2 | 1340.1 | 1404.5 | 1430.3 | 1437.7 | 1435.8 | 1434.0 |



TEST NUMBER: P331993-927

CATALOG NUMBER: S123DIP-S775D1195U927-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1159.4 | 1289.3 | 1372.1 | 1419.3 | 1442.1 | 1449.1 | 1449.5 |
| 115° | 1055.7 | 1191.0 | 1291.3 | 1360.3 | 1400.8 | 1419.3 | 1423.9 |
| 117.5° | 968.0 | 1089.6 | 1191.4 | 1263.4 | 1309.7 | 1336.3 | 1342.5 |
| 120° | 919.5 | 1029.9 | 1122.9 | 1195.6 | 1247.1 | 1269.2 | 1274.8 |
| 122.5° | 880.4 | 982.8 | 1069.1 | 1133.8 | 1180.1 | 1204.4 | 1211.4 |
| 125° | 832.0 | 920.4 | 994.0 | 1053.0 | 1093.4 | 1116.4 | 1122.9 |
| 127.5° | 789.5 | 869.2 | 936.2 | 988.7 | 1023.3 | 1044.1 | 1050.0 |
| 130° | 763.0 | 837.6 | 900.2 | 949.0 | 982.1 | 1001.4 | 1008.8 |
| 132.5° | 738.0 | 807.4 | 867.0 | 912.8 | 945.9 | 963.1 | 968.3 |
| 135° | 702.3 | 762.1 | 814.5 | 859.7 | 887.2 | 903.8 | 910.3 |
| 137.5° | 667.8 | 719.4 | 764.9 | 802.8 | 830.8 | 844.7 | 849.0 |
| 140° | 647.9 | 692.1 | 731.7 | 766.7 | 792.5 | 807.2 | 806.3 |
| 142.5° | 628.8 | 667.1 | 701.6 | 731.3 | 754.2 | 767.4 | 766.5 |
| 145° | 603.8 | 633.3 | 659.9 | 682.9 | 702.3 | 709.6 | 711.5 |
| 147.5° | 585.2 | 609.0 | 627.9 | 645.4 | 658.5 | 665.4 | 666.1 |
| 150° | 573.4 | 592.7 | 610.2 | 624.0 | 634.1 | 639.7 | 639.7 |
| 152.5° | 562.4 | 579.5 | 594.1 | 604.9 | 614.3 | 617.6 | 617.6 |
| 155° | 546.7 | 560.5 | 571.6 | 579.9 | 587.2 | 589.1 | 589.9 |
| 157.5° | 531.5 | 542.1 | 550.7 | 557.9 | 563.5 | 564.9 | 564.7 |
| 160° | 521.9 | 531.1 | 537.5 | 544.0 | 549.5 | 549.5 | 548.6 |
| 162.5° | 511.6 | 520.0 | 525.7 | 530.0 | 534.7 | 534.7 | 533.9 |
| 165° | 497.0 | 503.4 | 508.0 | 511.7 | 515.4 | 514.5 | 514.5 |
| 167.5° | 485.8 | 489.5 | 492.8 | 494.4 | 497.0 | 496.1 | 496.1 |
| 170° | 477.7 | 481.3 | 483.2 | 484.1 | 486.0 | 485.1 | 485.1 |
| 172.5° | 471.0 | 474.0 | 475.1 | 475.3 | 477.1 | 475.5 | 474.8 |
| 175° | 462.0 | 463.9 | 463.9 | 463.9 | 464.8 | 463.9 | 463.0 |
| 177.5° | 456.9 | 457.6 | 457.6 | 456.9 | 457.6 | 456.1 | 456.1 |
| 180° | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 | 454.7 |

(END OF REPORT)