

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: P331964-927

Luminaire Tested: **S123DIP-S775D585U927-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P331964-927
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123DIP-S775D585U927-4F0-1E-UDD-A
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 775 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 585 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4439.8 lumens
Efficiency: N/A
Efficacy: 110.2 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

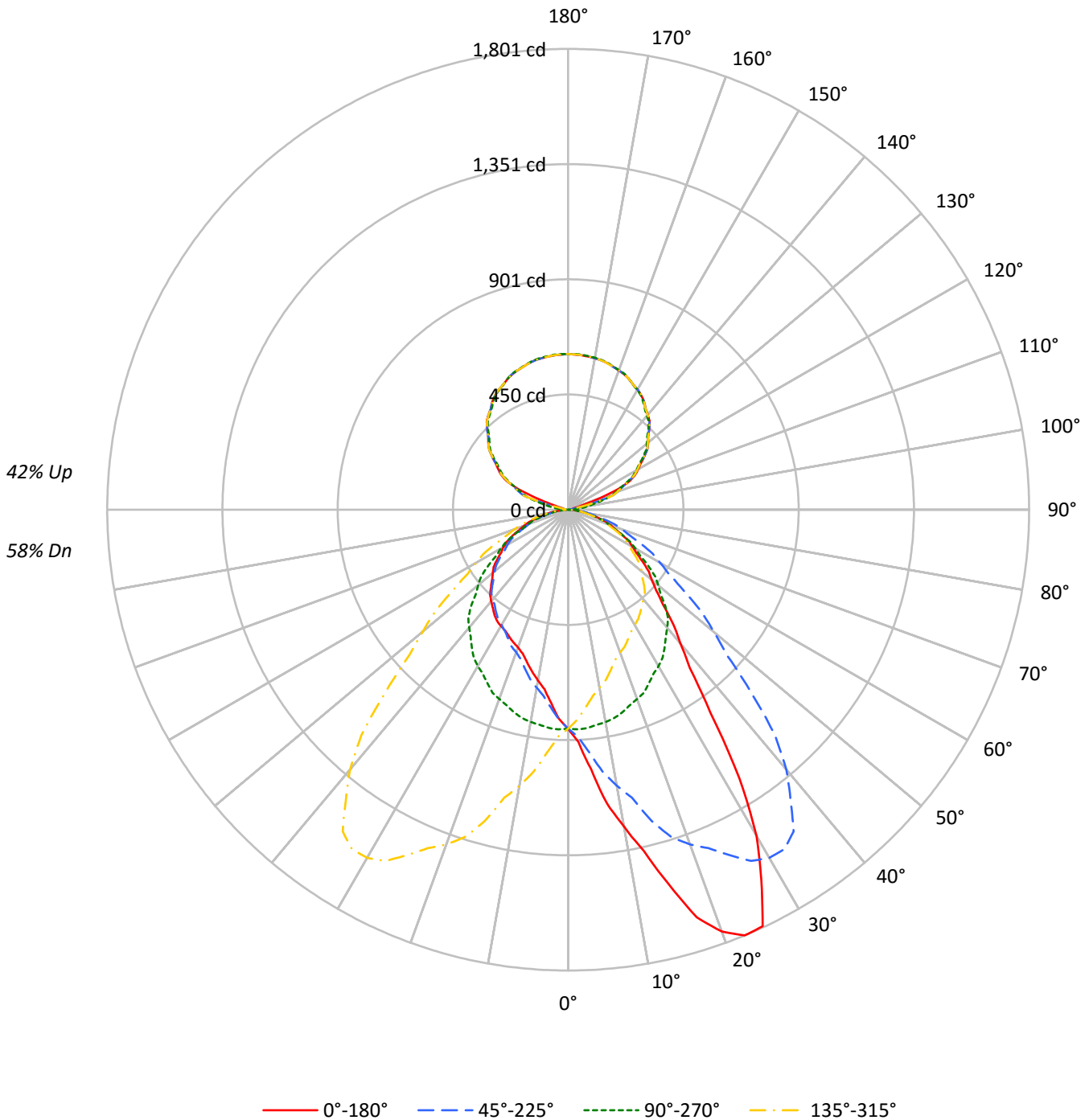
Input Watts (W): 40.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 75 | 75 | 75 | 64 | 64 | 64 | 58 |
| 1 | 100 | 96 | 92 | 88 | 93 | 89 | 86 | 83 | 78 | 75 | 73 | 67 | 65 | 63 | 57 | 56 | 54 | 50 |
| 2 | 91 | 84 | 78 | 73 | 85 | 79 | 73 | 69 | 68 | 64 | 61 | 59 | 56 | 53 | 50 | 48 | 46 | 42 |
| 3 | 83 | 74 | 67 | 61 | 78 | 69 | 63 | 58 | 61 | 56 | 52 | 52 | 49 | 46 | 45 | 42 | 40 | 36 |
| 4 | 76 | 66 | 58 | 52 | 71 | 62 | 55 | 49 | 54 | 48 | 44 | 47 | 43 | 39 | 40 | 37 | 34 | 31 |
| 5 | 70 | 59 | 51 | 45 | 65 | 55 | 48 | 42 | 48 | 43 | 38 | 42 | 38 | 34 | 36 | 33 | 30 | 27 |
| 6 | 65 | 53 | 45 | 39 | 60 | 50 | 42 | 37 | 44 | 38 | 33 | 38 | 34 | 30 | 33 | 29 | 27 | 24 |
| 7 | 60 | 48 | 40 | 34 | 56 | 45 | 38 | 33 | 40 | 34 | 30 | 35 | 30 | 27 | 30 | 27 | 24 | 21 |
| 8 | 56 | 43 | 36 | 30 | 52 | 41 | 34 | 29 | 36 | 30 | 26 | 32 | 27 | 24 | 28 | 24 | 21 | 19 |
| 9 | 52 | 40 | 32 | 27 | 48 | 37 | 31 | 26 | 33 | 28 | 24 | 29 | 25 | 21 | 26 | 22 | 19 | 17 |
| 10 | 49 | 36 | 29 | 24 | 45 | 34 | 28 | 23 | 31 | 25 | 21 | 27 | 23 | 19 | 24 | 20 | 17 | 16 |

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: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 84.3 | 1.9 |
| 10°-20° | 270.4 | 6.1 |
| 20°-30° | 453.8 | 10.2 |
| 30°-40° | 513.8 | 11.6 |
| 40°-50° | 460.8 | 10.4 |
| 50°-60° | 371.8 | 8.4 |
| 60°-70° | 259.1 | 5.8 |
| 70°-80° | 136.2 | 3.1 |
| 80°-90° | 35.0 | 0.8 |
| 90°-100° | 22.1 | 0.5 |
| 100°-110° | 105.4 | 2.4 |
| 110°-120° | 253.1 | 5.7 |
| 120°-130° | 322.3 | 7.3 |
| 130°-140° | 344.4 | 7.8 |
| 140°-150° | 322.0 | 7.3 |
| 150°-160° | 259.8 | 5.9 |
| 160°-170° | 167.7 | 3.8 |
| 170°-180° | 57.8 | 1.3 |
| 0°-30° | 808.5 | 18.2 |
| 0°-40° | 1322.3 | 29.8 |
| 0°-60° | 2154.9 | 48.5 |
| 0°-90° | 2585.2 | 58.2 |
| 90°-120° | 380.6 | 8.6 |
| 90°-150° | 1369.4 | 30.8 |
| 90°-180° | 1855.0 | 41.8 |
| 0°-180° | 4439.8 | 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° | 14 | 0 | 14 | 0 | 14 | 7 |
| 95° | 17 | 28 | 17 | 28 | 17 | 14 |
| 105° | 20 | 135 | 20 | 135 | 20 | 45 |
| 115° | 266 | 252 | 266 | 252 | 266 | 246 |
| 125° | 363 | 356 | 363 | 356 | 363 | 324 |
| 135° | 448 | 443 | 448 | 443 | 448 | 345 |
| 145° | 516 | 511 | 516 | 511 | 516 | 322 |
| 155° | 562 | 563 | 562 | 563 | 562 | 259 |
| 165° | 593 | 594 | 593 | 594 | 593 | 167 |
| 175° | 606 | 608 | 606 | 608 | 606 | 58 |
| 180° | 608 | 608 | 608 | 608 | 608 | |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

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° | 12.7 | 12.0 | 12.3 | 12.5 | 12.2 | 12.4 | 12.7 | 12.9 | 13.2 | 13.5 | 13.5 |
| 90° | 13.5 | 13.4 | 13.2 | 13.0 | 12.8 | 12.4 | 12.0 | 11.6 | 11.2 | 10.9 | 9.5 |
| 92.5° | 15.0 | 14.9 | 14.7 | 14.7 | 14.5 | 14.1 | 13.5 | 12.8 | 12.2 | 11.6 | 10.6 |
| 95° | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 16.8 | 16.1 | 15.4 | 14.7 | 14.0 | 12.9 |
| 97.5° | 18.6 | 18.5 | 18.4 | 18.3 | 18.2 | 17.7 | 17.0 | 16.2 | 15.4 | 14.6 | 21.8 |
| 100° | 19.0 | 18.9 | 18.8 | 18.7 | 18.5 | 18.1 | 17.3 | 16.5 | 15.7 | 14.9 | 30.6 |
| 102.5° | 19.3 | 19.2 | 19.0 | 18.8 | 18.6 | 19.8 | 22.3 | 24.7 | 27.3 | 29.7 | 46.8 |
| 105° | 19.9 | 19.6 | 19.5 | 19.3 | 19.1 | 27.9 | 45.6 | 63.4 | 81.2 | 98.9 | 108.0 |
| 107.5° | 62.4 | 75.8 | 89.2 | 102.6 | 116.1 | 129.2 | 142.3 | 155.3 | 168.3 | 181.3 | 179.9 |
| 110° | 124.2 | 138.6 | 153.0 | 167.3 | 181.6 | 190.5 | 193.8 | 197.2 | 200.4 | 203.7 | 202.6 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 213.2 | 216.2 | 219.2 | 222.3 | 225.3 | 226.8 | 226.7 | 226.6 | 226.6 | 226.6 | 225.5 |
| 115° | 265.7 | 265.3 | 264.9 | 264.4 | 264.0 | 263.4 | 262.4 | 261.3 | 260.4 | 259.4 | 258.4 |
| 117.5° | 295.2 | 295.1 | 295.0 | 294.9 | 294.9 | 294.4 | 293.6 | 292.8 | 292.0 | 291.1 | 290.7 |
| 120° | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.0 | 314.2 | 313.4 | 312.6 | 311.7 | 311.5 |
| 122.5° | 335.3 | 335.2 | 335.1 | 335.0 | 334.9 | 334.6 | 334.1 | 333.5 | 333.0 | 332.4 | 332.0 |
| 125° | 363.3 | 363.1 | 362.9 | 362.7 | 362.5 | 362.3 | 362.0 | 361.9 | 361.6 | 361.5 | 361.1 |
| 127.5° | 390.2 | 390.4 | 390.6 | 390.8 | 391.0 | 390.9 | 390.6 | 390.3 | 390.0 | 389.7 | 389.2 |
| 130° | 407.6 | 407.7 | 408.0 | 408.1 | 408.4 | 408.2 | 407.8 | 407.4 | 407.0 | 406.6 | 406.2 |
| 132.5° | 423.4 | 423.7 | 424.0 | 424.3 | 424.6 | 424.5 | 424.1 | 423.7 | 423.3 | 422.9 | 422.6 |
| 135° | 447.7 | 448.1 | 448.4 | 448.7 | 448.9 | 448.9 | 448.7 | 448.4 | 448.1 | 447.7 | 447.3 |
| 137.5° | 470.6 | 470.8 | 471.0 | 471.2 | 471.4 | 471.3 | 470.8 | 470.3 | 469.8 | 469.4 | 469.1 |
| 140° | 484.3 | 484.6 | 484.7 | 485.0 | 485.1 | 485.1 | 484.7 | 484.3 | 483.9 | 483.5 | 483.2 |
| 142.5° | 497.0 | 497.3 | 497.6 | 497.9 | 498.1 | 498.1 | 497.8 | 497.5 | 497.2 | 496.9 | 496.5 |
| 145° | 516.4 | 516.4 | 516.4 | 516.4 | 516.4 | 516.3 | 516.1 | 515.9 | 515.7 | 515.6 | 515.3 |
| 147.5° | 530.9 | 531.4 | 531.8 | 532.3 | 532.7 | 532.9 | 532.7 | 532.5 | 532.3 | 532.1 | 531.9 |
| 150° | 541.8 | 542.0 | 542.3 | 542.6 | 543.0 | 543.0 | 542.8 | 542.6 | 542.4 | 542.2 | 542.0 |
| 152.5° | 550.4 | 550.9 | 551.4 | 551.8 | 552.2 | 552.3 | 551.9 | 551.6 | 551.2 | 550.9 | 550.7 |
| 155° | 562.5 | 563.2 | 563.7 | 564.4 | 564.9 | 565.0 | 564.5 | 564.0 | 563.5 | 563.0 | 562.8 |
| 157.5° | 572.7 | 573.5 | 574.3 | 575.0 | 575.8 | 576.0 | 575.4 | 574.7 | 574.2 | 573.5 | 573.6 |
| 160° | 579.2 | 580.0 | 580.7 | 581.4 | 582.0 | 582.1 | 581.5 | 580.9 | 580.3 | 579.7 | 579.8 |
| 162.5° | 585.4 | 586.0 | 586.6 | 587.2 | 587.9 | 587.9 | 587.2 | 586.5 | 585.8 | 585.1 | 585.2 |
| 165° | 592.8 | 593.5 | 594.2 | 594.9 | 595.6 | 595.6 | 594.8 | 594.0 | 593.2 | 592.3 | 592.5 |
| 167.5° | 598.1 | 599.0 | 599.8 | 600.6 | 601.3 | 601.3 | 600.6 | 599.8 | 599.0 | 598.1 | 598.1 |
| 170° | 601.3 | 602.2 | 603.0 | 603.8 | 604.6 | 604.6 | 603.8 | 603.0 | 602.2 | 601.3 | 601.3 |
| 172.5° | 603.2 | 604.0 | 605.0 | 605.9 | 606.7 | 606.7 | 605.9 | 605.1 | 604.4 | 603.6 | 603.5 |
| 175° | 605.9 | 606.7 | 607.5 | 608.3 | 609.1 | 609.2 | 608.5 | 607.8 | 607.0 | 606.3 | 606.3 |
| 177.5° | 606.7 | 607.5 | 608.3 | 609.1 | 609.9 | 610.0 | 609.3 | 608.7 | 608.1 | 607.4 | 607.4 |
| 180° | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

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° | 13.9 | 14.0 | 12.8 | 11.2 | 10.3 | 9.1 | 9.0 | 8.1 | 7.6 | 7.8 | 7.7 |
| 90° | 8.2 | 6.9 | 5.6 | 4.4 | 3.5 | 2.5 | 1.4 | 0.5 | 1.4 | 2.5 | 3.5 |
| 92.5° | 9.6 | 8.6 | 7.6 | 7.3 | 7.5 | 7.8 | 8.2 | 8.4 | 8.2 | 7.8 | 7.5 |
| 95° | 11.8 | 10.7 | 9.6 | 11.1 | 15.2 | 19.3 | 23.4 | 27.6 | 23.4 | 19.3 | 15.2 |
| 97.5° | 29.0 | 36.2 | 43.5 | 48.0 | 49.8 | 51.7 | 53.6 | 55.4 | 53.6 | 51.7 | 49.8 |
| 100° | 46.3 | 61.9 | 77.6 | 84.4 | 82.4 | 80.4 | 78.3 | 76.4 | 78.3 | 80.4 | 82.4 |
| 102.5° | 63.9 | 81.0 | 98.2 | 106.0 | 104.6 | 103.1 | 101.6 | 100.2 | 101.6 | 103.1 | 104.6 |
| 105° | 117.0 | 126.0 | 135.1 | 139.0 | 137.9 | 136.9 | 135.8 | 134.7 | 135.8 | 136.9 | 137.9 |
| 107.5° | 178.5 | 177.1 | 175.6 | 174.5 | 173.6 | 172.8 | 171.8 | 171.0 | 171.8 | 172.8 | 173.6 |
| 110° | 201.5 | 200.4 | 199.4 | 198.4 | 197.6 | 196.8 | 196.0 | 195.2 | 196.0 | 196.8 | 197.6 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 224.3 | 223.2 | 222.1 | 221.2 | 220.5 | 219.8 | 219.0 | 218.3 | 219.0 | 219.8 | 220.5 |
| 115° | 257.5 | 256.7 | 255.7 | 255.0 | 254.4 | 253.7 | 253.2 | 252.5 | 253.2 | 253.7 | 254.4 |
| 117.5° | 290.3 | 289.8 | 289.3 | 288.7 | 288.0 | 287.2 | 286.5 | 285.7 | 286.5 | 287.2 | 288.0 |
| 120° | 311.2 | 310.9 | 310.5 | 310.0 | 309.0 | 308.2 | 307.2 | 306.3 | 307.2 | 308.2 | 309.0 |
| 122.5° | 331.6 | 331.2 | 330.8 | 330.3 | 329.5 | 328.8 | 328.0 | 327.3 | 328.0 | 328.8 | 329.5 |
| 125° | 360.7 | 360.3 | 359.9 | 359.3 | 358.5 | 357.7 | 356.9 | 356.0 | 356.9 | 357.7 | 358.5 |
| 127.5° | 388.7 | 388.2 | 387.7 | 387.1 | 386.3 | 385.5 | 384.7 | 383.9 | 384.7 | 385.5 | 386.3 |
| 130° | 405.8 | 405.4 | 405.0 | 404.4 | 403.6 | 402.8 | 402.0 | 401.2 | 402.0 | 402.8 | 403.6 |
| 132.5° | 422.2 | 421.9 | 421.6 | 421.0 | 420.3 | 419.5 | 418.7 | 417.9 | 418.7 | 419.5 | 420.3 |
| 135° | 446.9 | 446.6 | 446.2 | 445.7 | 445.0 | 444.4 | 443.9 | 443.2 | 443.9 | 444.4 | 445.0 |
| 137.5° | 468.9 | 468.7 | 468.5 | 467.9 | 467.2 | 466.4 | 465.7 | 464.9 | 465.7 | 466.4 | 467.2 |
| 140° | 482.8 | 482.5 | 482.3 | 481.8 | 481.2 | 480.6 | 480.0 | 479.3 | 480.0 | 480.6 | 481.2 |
| 142.5° | 496.2 | 495.9 | 495.6 | 495.2 | 494.6 | 494.0 | 493.4 | 492.7 | 493.4 | 494.0 | 494.6 |
| 145° | 515.2 | 514.9 | 514.8 | 514.3 | 513.6 | 512.9 | 512.1 | 511.4 | 512.1 | 512.9 | 513.6 |
| 147.5° | 531.6 | 531.5 | 531.2 | 530.9 | 530.4 | 530.0 | 529.6 | 529.1 | 529.6 | 530.0 | 530.4 |
| 150° | 541.8 | 541.6 | 541.4 | 541.1 | 540.8 | 540.5 | 540.3 | 540.0 | 540.3 | 540.5 | 540.8 |
| 152.5° | 550.6 | 550.5 | 550.4 | 550.2 | 550.1 | 549.9 | 549.9 | 549.7 | 549.9 | 549.9 | 550.1 |
| 155° | 562.8 | 562.7 | 562.6 | 562.6 | 562.8 | 563.0 | 563.2 | 563.4 | 563.2 | 563.0 | 562.8 |
| 157.5° | 573.8 | 573.9 | 573.9 | 574.0 | 574.0 | 574.0 | 574.1 | 574.1 | 574.1 | 574.0 | 574.0 |
| 160° | 579.9 | 580.0 | 580.1 | 580.2 | 580.3 | 580.4 | 580.5 | 580.6 | 580.5 | 580.4 | 580.3 |
| 162.5° | 585.3 | 585.4 | 585.5 | 585.7 | 586.0 | 586.2 | 586.5 | 586.8 | 586.5 | 586.2 | 586.0 |
| 165° | 592.6 | 592.6 | 592.7 | 592.9 | 593.3 | 593.6 | 593.8 | 594.1 | 593.8 | 593.6 | 593.3 |
| 167.5° | 598.1 | 598.1 | 598.1 | 598.3 | 598.7 | 599.1 | 599.5 | 599.9 | 599.5 | 599.1 | 598.7 |
| 170° | 601.3 | 601.3 | 601.3 | 601.6 | 602.0 | 602.4 | 602.8 | 603.2 | 602.8 | 602.4 | 602.0 |
| 172.5° | 603.4 | 603.3 | 603.2 | 603.4 | 603.9 | 604.4 | 604.9 | 605.4 | 604.9 | 604.4 | 603.9 |
| 175° | 606.2 | 606.0 | 605.9 | 606.2 | 606.7 | 607.1 | 607.7 | 608.2 | 607.7 | 607.1 | 606.7 |
| 177.5° | 607.3 | 607.2 | 607.1 | 607.3 | 607.7 | 608.1 | 608.5 | 608.9 | 608.5 | 608.1 | 607.7 |
| 180° | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

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° | 7.5 | 8.1 | 8.0 | 8.6 | 8.6 | 9.1 | 9.2 | 8.6 | 8.7 | 9.8 | 8.6 |
| 90° | 4.4 | 5.6 | 6.9 | 8.2 | 9.5 | 10.9 | 11.2 | 11.6 | 12.0 | 12.4 | 12.8 |
| 92.5° | 7.3 | 7.6 | 8.6 | 9.6 | 10.6 | 11.6 | 12.2 | 12.8 | 13.5 | 14.1 | 14.5 |
| 95° | 11.1 | 9.6 | 10.7 | 11.8 | 12.9 | 14.0 | 14.7 | 15.4 | 16.1 | 16.8 | 17.2 |
| 97.5° | 48.0 | 43.5 | 36.2 | 29.0 | 21.8 | 14.6 | 15.4 | 16.2 | 17.0 | 17.7 | 18.2 |
| 100° | 84.4 | 77.6 | 61.9 | 46.3 | 30.6 | 14.9 | 15.7 | 16.5 | 17.3 | 18.1 | 18.5 |
| 102.5° | 106.0 | 98.2 | 81.0 | 63.9 | 46.8 | 29.7 | 27.3 | 24.7 | 22.3 | 19.8 | 18.6 |
| 105° | 139.0 | 135.1 | 126.0 | 117.0 | 108.0 | 98.9 | 81.2 | 63.4 | 45.6 | 27.9 | 19.1 |
| 107.5° | 174.5 | 175.6 | 177.1 | 178.5 | 179.9 | 181.3 | 168.3 | 155.3 | 142.3 | 129.2 | 116.1 |
| 110° | 198.4 | 199.4 | 200.4 | 201.5 | 202.6 | 203.7 | 200.4 | 197.2 | 193.8 | 190.5 | 181.6 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 221.2 | 222.1 | 223.2 | 224.3 | 225.5 | 226.6 | 226.6 | 226.6 | 226.7 | 226.8 | 225.3 |
| 115° | 255.0 | 255.7 | 256.7 | 257.5 | 258.4 | 259.4 | 260.4 | 261.3 | 262.4 | 263.4 | 264.0 |
| 117.5° | 288.7 | 289.3 | 289.8 | 290.3 | 290.7 | 291.1 | 292.0 | 292.8 | 293.6 | 294.4 | 294.9 |
| 120° | 310.0 | 310.5 | 310.9 | 311.2 | 311.5 | 311.7 | 312.6 | 313.4 | 314.2 | 315.0 | 315.4 |
| 122.5° | 330.3 | 330.8 | 331.2 | 331.6 | 332.0 | 332.4 | 333.0 | 333.5 | 334.1 | 334.6 | 334.9 |
| 125° | 359.3 | 359.9 | 360.3 | 360.7 | 361.1 | 361.5 | 361.6 | 361.9 | 362.0 | 362.3 | 362.5 |
| 127.5° | 387.1 | 387.7 | 388.2 | 388.7 | 389.2 | 389.7 | 390.0 | 390.3 | 390.6 | 390.9 | 391.0 |
| 130° | 404.4 | 405.0 | 405.4 | 405.8 | 406.2 | 406.6 | 407.0 | 407.4 | 407.8 | 408.2 | 408.4 |
| 132.5° | 421.0 | 421.6 | 421.9 | 422.2 | 422.6 | 422.9 | 423.3 | 423.7 | 424.1 | 424.5 | 424.6 |
| 135° | 445.7 | 446.2 | 446.6 | 446.9 | 447.3 | 447.7 | 448.1 | 448.4 | 448.7 | 448.9 | 448.9 |
| 137.5° | 467.9 | 468.5 | 468.7 | 468.9 | 469.1 | 469.4 | 469.8 | 470.3 | 470.8 | 471.3 | 471.4 |
| 140° | 481.8 | 482.3 | 482.5 | 482.8 | 483.2 | 483.5 | 483.9 | 484.3 | 484.7 | 485.1 | 485.1 |
| 142.5° | 495.2 | 495.6 | 495.9 | 496.2 | 496.5 | 496.9 | 497.2 | 497.5 | 497.8 | 498.1 | 498.1 |
| 145° | 514.3 | 514.8 | 514.9 | 515.2 | 515.3 | 515.6 | 515.7 | 515.9 | 516.1 | 516.3 | 516.4 |
| 147.5° | 530.9 | 531.2 | 531.5 | 531.6 | 531.9 | 532.1 | 532.3 | 532.5 | 532.7 | 532.9 | 532.7 |
| 150° | 541.1 | 541.4 | 541.6 | 541.8 | 542.0 | 542.2 | 542.4 | 542.6 | 542.8 | 543.0 | 543.0 |
| 152.5° | 550.2 | 550.4 | 550.5 | 550.6 | 550.7 | 550.9 | 551.2 | 551.6 | 551.9 | 552.3 | 552.2 |
| 155° | 562.6 | 562.6 | 562.7 | 562.8 | 562.8 | 563.0 | 563.5 | 564.0 | 564.5 | 565.0 | 564.9 |
| 157.5° | 574.0 | 573.9 | 573.9 | 573.8 | 573.6 | 573.5 | 574.2 | 574.7 | 575.4 | 576.0 | 575.8 |
| 160° | 580.2 | 580.1 | 580.0 | 579.9 | 579.8 | 579.7 | 580.3 | 580.9 | 581.5 | 582.1 | 582.0 |
| 162.5° | 585.7 | 585.5 | 585.4 | 585.3 | 585.2 | 585.1 | 585.8 | 586.5 | 587.2 | 587.9 | 587.9 |
| 165° | 592.9 | 592.7 | 592.6 | 592.6 | 592.5 | 592.3 | 593.2 | 594.0 | 594.8 | 595.6 | 595.6 |
| 167.5° | 598.3 | 598.1 | 598.1 | 598.1 | 598.1 | 598.1 | 599.0 | 599.8 | 600.6 | 601.3 | 601.3 |
| 170° | 601.6 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 602.2 | 603.0 | 603.8 | 604.6 | 604.6 |
| 172.5° | 603.4 | 603.2 | 603.3 | 603.4 | 603.5 | 603.6 | 604.4 | 605.1 | 605.9 | 606.7 | 606.7 |
| 175° | 606.2 | 605.9 | 606.0 | 606.2 | 606.3 | 606.3 | 607.0 | 607.8 | 608.5 | 609.2 | 609.1 |
| 177.5° | 607.3 | 607.1 | 607.2 | 607.3 | 607.4 | 607.4 | 608.1 | 608.7 | 609.3 | 610.0 | 609.9 |
| 180° | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

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° | 8.6 | 8.6 | 8.3 | 8.0 | 8.3 | 8.6 | 8.6 | 8.6 | 9.8 | 8.7 | 8.6 |
| 90° | 13.0 | 13.2 | 13.4 | 13.5 | 13.4 | 13.2 | 13.0 | 12.8 | 12.4 | 12.0 | 11.6 |
| 92.5° | 14.7 | 14.7 | 14.9 | 15.0 | 14.9 | 14.7 | 14.7 | 14.5 | 14.1 | 13.5 | 12.8 |
| 95° | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 | 16.8 | 16.1 | 15.4 |
| 97.5° | 18.3 | 18.4 | 18.5 | 18.6 | 18.5 | 18.4 | 18.3 | 18.2 | 17.7 | 17.0 | 16.2 |
| 100° | 18.7 | 18.8 | 18.9 | 19.0 | 18.9 | 18.8 | 18.7 | 18.5 | 18.1 | 17.3 | 16.5 |
| 102.5° | 18.8 | 19.0 | 19.2 | 19.3 | 19.2 | 19.0 | 18.8 | 18.6 | 19.8 | 22.3 | 24.7 |
| 105° | 19.3 | 19.5 | 19.6 | 19.9 | 19.6 | 19.5 | 19.3 | 19.1 | 27.9 | 45.6 | 63.4 |
| 107.5° | 102.6 | 89.2 | 75.8 | 62.4 | 75.8 | 89.2 | 102.6 | 116.1 | 129.2 | 142.3 | 155.3 |
| 110° | 167.3 | 153.0 | 138.6 | 124.2 | 138.6 | 153.0 | 167.3 | 181.6 | 190.5 | 193.8 | 197.2 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 222.3 | 219.2 | 216.2 | 213.2 | 216.2 | 219.2 | 222.3 | 225.3 | 226.8 | 226.7 | 226.6 |
| 115° | 264.4 | 264.9 | 265.3 | 265.7 | 265.3 | 264.9 | 264.4 | 264.0 | 263.4 | 262.4 | 261.3 |
| 117.5° | 294.9 | 295.0 | 295.1 | 295.2 | 295.1 | 295.0 | 294.9 | 294.9 | 294.4 | 293.6 | 292.8 |
| 120° | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 | 315.0 | 314.2 | 313.4 |
| 122.5° | 335.0 | 335.1 | 335.2 | 335.3 | 335.2 | 335.1 | 335.0 | 334.9 | 334.6 | 334.1 | 333.5 |
| 125° | 362.7 | 362.9 | 363.1 | 363.3 | 363.1 | 362.9 | 362.7 | 362.5 | 362.3 | 362.0 | 361.9 |
| 127.5° | 390.8 | 390.6 | 390.4 | 390.2 | 390.4 | 390.6 | 390.8 | 391.0 | 390.9 | 390.6 | 390.3 |
| 130° | 408.1 | 408.0 | 407.7 | 407.6 | 407.7 | 408.0 | 408.1 | 408.4 | 408.2 | 407.8 | 407.4 |
| 132.5° | 424.3 | 424.0 | 423.7 | 423.4 | 423.7 | 424.0 | 424.3 | 424.6 | 424.5 | 424.1 | 423.7 |
| 135° | 448.7 | 448.4 | 448.1 | 447.7 | 448.1 | 448.4 | 448.7 | 448.9 | 448.9 | 448.7 | 448.4 |
| 137.5° | 471.2 | 471.0 | 470.8 | 470.6 | 470.8 | 471.0 | 471.2 | 471.4 | 471.3 | 470.8 | 470.3 |
| 140° | 485.0 | 484.7 | 484.6 | 484.3 | 484.6 | 484.7 | 485.0 | 485.1 | 485.1 | 484.7 | 484.3 |
| 142.5° | 497.9 | 497.6 | 497.3 | 497.0 | 497.3 | 497.6 | 497.9 | 498.1 | 498.1 | 497.8 | 497.5 |
| 145° | 516.4 | 516.4 | 516.4 | 516.4 | 516.4 | 516.4 | 516.4 | 516.4 | 516.3 | 516.1 | 515.9 |
| 147.5° | 532.3 | 531.8 | 531.4 | 530.9 | 531.4 | 531.8 | 532.3 | 532.7 | 532.9 | 532.7 | 532.5 |
| 150° | 542.6 | 542.3 | 542.0 | 541.8 | 542.0 | 542.3 | 542.6 | 543.0 | 543.0 | 542.8 | 542.6 |
| 152.5° | 551.8 | 551.4 | 550.9 | 550.4 | 550.9 | 551.4 | 551.8 | 552.2 | 552.3 | 551.9 | 551.6 |
| 155° | 564.4 | 563.7 | 563.2 | 562.5 | 563.2 | 563.7 | 564.4 | 564.9 | 565.0 | 564.5 | 564.0 |
| 157.5° | 575.0 | 574.3 | 573.5 | 572.7 | 573.5 | 574.3 | 575.0 | 575.8 | 576.0 | 575.4 | 574.7 |
| 160° | 581.4 | 580.7 | 580.0 | 579.2 | 580.0 | 580.7 | 581.4 | 582.0 | 582.1 | 581.5 | 580.9 |
| 162.5° | 587.2 | 586.6 | 586.0 | 585.4 | 586.0 | 586.6 | 587.2 | 587.9 | 587.9 | 587.2 | 586.5 |
| 165° | 594.9 | 594.2 | 593.5 | 592.8 | 593.5 | 594.2 | 594.9 | 595.6 | 595.6 | 594.8 | 594.0 |
| 167.5° | 600.6 | 599.8 | 599.0 | 598.1 | 599.0 | 599.8 | 600.6 | 601.3 | 601.3 | 600.6 | 599.8 |
| 170° | 603.8 | 603.0 | 602.2 | 601.3 | 602.2 | 603.0 | 603.8 | 604.6 | 604.6 | 603.8 | 603.0 |
| 172.5° | 605.9 | 605.0 | 604.0 | 603.2 | 604.0 | 605.0 | 605.9 | 606.7 | 606.7 | 605.9 | 605.1 |
| 175° | 608.3 | 607.5 | 606.7 | 605.9 | 606.7 | 607.5 | 608.3 | 609.1 | 609.2 | 608.5 | 607.8 |
| 177.5° | 609.1 | 608.3 | 607.5 | 606.7 | 607.5 | 608.3 | 609.1 | 609.9 | 610.0 | 609.3 | 608.7 |
| 180° | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

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° | 9.2 | 9.1 | 8.6 | 8.6 | 8.0 | 8.1 | 7.5 | 7.7 | 7.8 | 7.6 | 8.1 |
| 90° | 11.2 | 10.9 | 9.5 | 8.2 | 6.9 | 5.6 | 4.4 | 3.5 | 2.5 | 1.4 | 0.5 |
| 92.5° | 12.2 | 11.6 | 10.6 | 9.6 | 8.6 | 7.6 | 7.3 | 7.5 | 7.8 | 8.2 | 8.4 |
| 95° | 14.7 | 14.0 | 12.9 | 11.8 | 10.7 | 9.6 | 11.1 | 15.2 | 19.3 | 23.4 | 27.6 |
| 97.5° | 15.4 | 14.6 | 21.8 | 29.0 | 36.2 | 43.5 | 48.0 | 49.8 | 51.7 | 53.6 | 55.4 |
| 100° | 15.7 | 14.9 | 30.6 | 46.3 | 61.9 | 77.6 | 84.4 | 82.4 | 80.4 | 78.3 | 76.4 |
| 102.5° | 27.3 | 29.7 | 46.8 | 63.9 | 81.0 | 98.2 | 106.0 | 104.6 | 103.1 | 101.6 | 100.2 |
| 105° | 81.2 | 98.9 | 108.0 | 117.0 | 126.0 | 135.1 | 139.0 | 137.9 | 136.9 | 135.8 | 134.7 |
| 107.5° | 168.3 | 181.3 | 179.9 | 178.5 | 177.1 | 175.6 | 174.5 | 173.6 | 172.8 | 171.8 | 171.0 |
| 110° | 200.4 | 203.7 | 202.6 | 201.5 | 200.4 | 199.4 | 198.4 | 197.6 | 196.8 | 196.0 | 195.2 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 226.6 | 226.6 | 225.5 | 224.3 | 223.2 | 222.1 | 221.2 | 220.5 | 219.8 | 219.0 | 218.3 |
| 115° | 260.4 | 259.4 | 258.4 | 257.5 | 256.7 | 255.7 | 255.0 | 254.4 | 253.7 | 253.2 | 252.5 |
| 117.5° | 292.0 | 291.1 | 290.7 | 290.3 | 289.8 | 289.3 | 288.7 | 288.0 | 287.2 | 286.5 | 285.7 |
| 120° | 312.6 | 311.7 | 311.5 | 311.2 | 310.9 | 310.5 | 310.0 | 309.0 | 308.2 | 307.2 | 306.3 |
| 122.5° | 333.0 | 332.4 | 332.0 | 331.6 | 331.2 | 330.8 | 330.3 | 329.5 | 328.8 | 328.0 | 327.3 |
| 125° | 361.6 | 361.5 | 361.1 | 360.7 | 360.3 | 359.9 | 359.3 | 358.5 | 357.7 | 356.9 | 356.0 |
| 127.5° | 390.0 | 389.7 | 389.2 | 388.7 | 388.2 | 387.7 | 387.1 | 386.3 | 385.5 | 384.7 | 383.9 |
| 130° | 407.0 | 406.6 | 406.2 | 405.8 | 405.4 | 405.0 | 404.4 | 403.6 | 402.8 | 402.0 | 401.2 |
| 132.5° | 423.3 | 422.9 | 422.6 | 422.2 | 421.9 | 421.6 | 421.0 | 420.3 | 419.5 | 418.7 | 417.9 |
| 135° | 448.1 | 447.7 | 447.3 | 446.9 | 446.6 | 446.2 | 445.7 | 445.0 | 444.4 | 443.9 | 443.2 |
| 137.5° | 469.8 | 469.4 | 469.1 | 468.9 | 468.7 | 468.5 | 467.9 | 467.2 | 466.4 | 465.7 | 464.9 |
| 140° | 483.9 | 483.5 | 483.2 | 482.8 | 482.5 | 482.3 | 481.8 | 481.2 | 480.6 | 480.0 | 479.3 |
| 142.5° | 497.2 | 496.9 | 496.5 | 496.2 | 495.9 | 495.6 | 495.2 | 494.6 | 494.0 | 493.4 | 492.7 |
| 145° | 515.7 | 515.6 | 515.3 | 515.2 | 514.9 | 514.8 | 514.3 | 513.6 | 512.9 | 512.1 | 511.4 |
| 147.5° | 532.3 | 532.1 | 531.9 | 531.6 | 531.5 | 531.2 | 530.9 | 530.4 | 530.0 | 529.6 | 529.1 |
| 150° | 542.4 | 542.2 | 542.0 | 541.8 | 541.6 | 541.4 | 541.1 | 540.8 | 540.5 | 540.3 | 540.0 |
| 152.5° | 551.2 | 550.9 | 550.7 | 550.6 | 550.5 | 550.4 | 550.2 | 550.1 | 549.9 | 549.9 | 549.7 |
| 155° | 563.5 | 563.0 | 562.8 | 562.8 | 562.7 | 562.6 | 562.6 | 562.8 | 563.0 | 563.2 | 563.4 |
| 157.5° | 574.2 | 573.5 | 573.6 | 573.8 | 573.9 | 573.9 | 574.0 | 574.0 | 574.0 | 574.1 | 574.1 |
| 160° | 580.3 | 579.7 | 579.8 | 579.9 | 580.0 | 580.1 | 580.2 | 580.3 | 580.4 | 580.5 | 580.6 |
| 162.5° | 585.8 | 585.1 | 585.2 | 585.3 | 585.4 | 585.5 | 585.7 | 586.0 | 586.2 | 586.5 | 586.8 |
| 165° | 593.2 | 592.3 | 592.5 | 592.6 | 592.6 | 592.7 | 592.9 | 593.3 | 593.6 | 593.8 | 594.1 |
| 167.5° | 599.0 | 598.1 | 598.1 | 598.1 | 598.1 | 598.1 | 598.3 | 598.7 | 599.1 | 599.5 | 599.9 |
| 170° | 602.2 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 601.6 | 602.0 | 602.4 | 602.8 | 603.2 |
| 172.5° | 604.4 | 603.6 | 603.5 | 603.4 | 603.3 | 603.2 | 603.4 | 603.9 | 604.4 | 604.9 | 605.4 |
| 175° | 607.0 | 606.3 | 606.3 | 606.2 | 606.0 | 605.9 | 606.2 | 606.7 | 607.1 | 607.7 | 608.2 |
| 177.5° | 608.1 | 607.4 | 607.4 | 607.3 | 607.2 | 607.1 | 607.3 | 607.7 | 608.1 | 608.5 | 608.9 |
| 180° | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

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° | 9.0 | 9.1 | 10.3 | 11.2 | 12.8 | 14.0 | 13.9 | 13.5 | 13.5 | 13.2 | 12.9 |
| 90° | 1.4 | 2.5 | 3.5 | 4.4 | 5.6 | 6.9 | 8.2 | 9.5 | 10.9 | 11.2 | 11.6 |
| 92.5° | 8.2 | 7.8 | 7.5 | 7.3 | 7.6 | 8.6 | 9.6 | 10.6 | 11.6 | 12.2 | 12.8 |
| 95° | 23.4 | 19.3 | 15.2 | 11.1 | 9.6 | 10.7 | 11.8 | 12.9 | 14.0 | 14.7 | 15.4 |
| 97.5° | 53.6 | 51.7 | 49.8 | 48.0 | 43.5 | 36.2 | 29.0 | 21.8 | 14.6 | 15.4 | 16.2 |
| 100° | 78.3 | 80.4 | 82.4 | 84.4 | 77.6 | 61.9 | 46.3 | 30.6 | 14.9 | 15.7 | 16.5 |
| 102.5° | 101.6 | 103.1 | 104.6 | 106.0 | 98.2 | 81.0 | 63.9 | 46.8 | 29.7 | 27.3 | 24.7 |
| 105° | 135.8 | 136.9 | 137.9 | 139.0 | 135.1 | 126.0 | 117.0 | 108.0 | 98.9 | 81.2 | 63.4 |
| 107.5° | 171.8 | 172.8 | 173.6 | 174.5 | 175.6 | 177.1 | 178.5 | 179.9 | 181.3 | 168.3 | 155.3 |
| 110° | 196.0 | 196.8 | 197.6 | 198.4 | 199.4 | 200.4 | 201.5 | 202.6 | 203.7 | 200.4 | 197.2 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 219.0 | 219.8 | 220.5 | 221.2 | 222.1 | 223.2 | 224.3 | 225.5 | 226.6 | 226.6 | 226.6 |
| 115° | 253.2 | 253.7 | 254.4 | 255.0 | 255.7 | 256.7 | 257.5 | 258.4 | 259.4 | 260.4 | 261.3 |
| 117.5° | 286.5 | 287.2 | 288.0 | 288.7 | 289.3 | 289.8 | 290.3 | 290.7 | 291.1 | 292.0 | 292.8 |
| 120° | 307.2 | 308.2 | 309.0 | 310.0 | 310.5 | 310.9 | 311.2 | 311.5 | 311.7 | 312.6 | 313.4 |
| 122.5° | 328.0 | 328.8 | 329.5 | 330.3 | 330.8 | 331.2 | 331.6 | 332.0 | 332.4 | 333.0 | 333.5 |
| 125° | 356.9 | 357.7 | 358.5 | 359.3 | 359.9 | 360.3 | 360.7 | 361.1 | 361.5 | 361.6 | 361.9 |
| 127.5° | 384.7 | 385.5 | 386.3 | 387.1 | 387.7 | 388.2 | 388.7 | 389.2 | 389.7 | 390.0 | 390.3 |
| 130° | 402.0 | 402.8 | 403.6 | 404.4 | 405.0 | 405.4 | 405.8 | 406.2 | 406.6 | 407.0 | 407.4 |
| 132.5° | 418.7 | 419.5 | 420.3 | 421.0 | 421.6 | 421.9 | 422.2 | 422.6 | 422.9 | 423.3 | 423.7 |
| 135° | 443.9 | 444.4 | 445.0 | 445.7 | 446.2 | 446.6 | 446.9 | 447.3 | 447.7 | 448.1 | 448.4 |
| 137.5° | 465.7 | 466.4 | 467.2 | 467.9 | 468.5 | 468.7 | 468.9 | 469.1 | 469.4 | 469.8 | 470.3 |
| 140° | 480.0 | 480.6 | 481.2 | 481.8 | 482.3 | 482.5 | 482.8 | 483.2 | 483.5 | 483.9 | 484.3 |
| 142.5° | 493.4 | 494.0 | 494.6 | 495.2 | 495.6 | 495.9 | 496.2 | 496.5 | 496.9 | 497.2 | 497.5 |
| 145° | 512.1 | 512.9 | 513.6 | 514.3 | 514.8 | 514.9 | 515.2 | 515.3 | 515.6 | 515.7 | 515.9 |
| 147.5° | 529.6 | 530.0 | 530.4 | 530.9 | 531.2 | 531.5 | 531.6 | 531.9 | 532.1 | 532.3 | 532.5 |
| 150° | 540.3 | 540.5 | 540.8 | 541.1 | 541.4 | 541.6 | 541.8 | 542.0 | 542.2 | 542.4 | 542.6 |
| 152.5° | 549.9 | 549.9 | 550.1 | 550.2 | 550.4 | 550.5 | 550.6 | 550.7 | 550.9 | 551.2 | 551.6 |
| 155° | 563.2 | 563.0 | 562.8 | 562.6 | 562.6 | 562.7 | 562.8 | 562.8 | 563.0 | 563.5 | 564.0 |
| 157.5° | 574.1 | 574.0 | 574.0 | 574.0 | 573.9 | 573.9 | 573.8 | 573.6 | 573.5 | 574.2 | 574.7 |
| 160° | 580.5 | 580.4 | 580.3 | 580.2 | 580.1 | 580.0 | 579.9 | 579.8 | 579.7 | 580.3 | 580.9 |
| 162.5° | 586.5 | 586.2 | 586.0 | 585.7 | 585.5 | 585.4 | 585.3 | 585.2 | 585.1 | 585.8 | 586.5 |
| 165° | 593.8 | 593.6 | 593.3 | 592.9 | 592.7 | 592.6 | 592.6 | 592.5 | 592.3 | 593.2 | 594.0 |
| 167.5° | 599.5 | 599.1 | 598.7 | 598.3 | 598.1 | 598.1 | 598.1 | 598.1 | 598.1 | 599.0 | 599.8 |
| 170° | 602.8 | 602.4 | 602.0 | 601.6 | 601.3 | 601.3 | 601.3 | 601.3 | 601.3 | 602.2 | 603.0 |
| 172.5° | 604.9 | 604.4 | 603.9 | 603.4 | 603.2 | 603.3 | 603.4 | 603.5 | 603.6 | 604.4 | 605.1 |
| 175° | 607.7 | 607.1 | 606.7 | 606.2 | 605.9 | 606.0 | 606.2 | 606.3 | 606.3 | 607.0 | 607.8 |
| 177.5° | 608.5 | 608.1 | 607.7 | 607.3 | 607.1 | 607.2 | 607.3 | 607.4 | 607.4 | 608.1 | 608.7 |
| 180° | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

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° | 12.7 | 12.4 | 12.2 | 12.5 | 12.3 | 12.0 | 12.7 |
| 90° | 12.0 | 12.4 | 12.8 | 13.0 | 13.2 | 13.4 | 13.5 |
| 92.5° | 13.5 | 14.1 | 14.5 | 14.7 | 14.7 | 14.9 | 15.0 |
| 95° | 16.1 | 16.8 | 17.2 | 17.2 | 17.2 | 17.2 | 17.2 |
| 97.5° | 17.0 | 17.7 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 |
| 100° | 17.3 | 18.1 | 18.5 | 18.7 | 18.8 | 18.9 | 19.0 |
| 102.5° | 22.3 | 19.8 | 18.6 | 18.8 | 19.0 | 19.2 | 19.3 |
| 105° | 45.6 | 27.9 | 19.1 | 19.3 | 19.5 | 19.6 | 19.9 |
| 107.5° | 142.3 | 129.2 | 116.1 | 102.6 | 89.2 | 75.8 | 62.4 |
| 110° | 193.8 | 190.5 | 181.6 | 167.3 | 153.0 | 138.6 | 124.2 |



TEST NUMBER: P331964-927

CATALOG NUMBER: S123DIP-S775D585U927-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 226.7 | 226.8 | 225.3 | 222.3 | 219.2 | 216.2 | 213.2 |
| 115° | 262.4 | 263.4 | 264.0 | 264.4 | 264.9 | 265.3 | 265.7 |
| 117.5° | 293.6 | 294.4 | 294.9 | 294.9 | 295.0 | 295.1 | 295.2 |
| 120° | 314.2 | 315.0 | 315.4 | 315.4 | 315.4 | 315.4 | 315.4 |
| 122.5° | 334.1 | 334.6 | 334.9 | 335.0 | 335.1 | 335.2 | 335.3 |
| 125° | 362.0 | 362.3 | 362.5 | 362.7 | 362.9 | 363.1 | 363.3 |
| 127.5° | 390.6 | 390.9 | 391.0 | 390.8 | 390.6 | 390.4 | 390.2 |
| 130° | 407.8 | 408.2 | 408.4 | 408.1 | 408.0 | 407.7 | 407.6 |
| 132.5° | 424.1 | 424.5 | 424.6 | 424.3 | 424.0 | 423.7 | 423.4 |
| 135° | 448.7 | 448.9 | 448.9 | 448.7 | 448.4 | 448.1 | 447.7 |
| 137.5° | 470.8 | 471.3 | 471.4 | 471.2 | 471.0 | 470.8 | 470.6 |
| 140° | 484.7 | 485.1 | 485.1 | 485.0 | 484.7 | 484.6 | 484.3 |
| 142.5° | 497.8 | 498.1 | 498.1 | 497.9 | 497.6 | 497.3 | 497.0 |
| 145° | 516.1 | 516.3 | 516.4 | 516.4 | 516.4 | 516.4 | 516.4 |
| 147.5° | 532.7 | 532.9 | 532.7 | 532.3 | 531.8 | 531.4 | 530.9 |
| 150° | 542.8 | 543.0 | 543.0 | 542.6 | 542.3 | 542.0 | 541.8 |
| 152.5° | 551.9 | 552.3 | 552.2 | 551.8 | 551.4 | 550.9 | 550.4 |
| 155° | 564.5 | 565.0 | 564.9 | 564.4 | 563.7 | 563.2 | 562.5 |
| 157.5° | 575.4 | 576.0 | 575.8 | 575.0 | 574.3 | 573.5 | 572.7 |
| 160° | 581.5 | 582.1 | 582.0 | 581.4 | 580.7 | 580.0 | 579.2 |
| 162.5° | 587.2 | 587.9 | 587.9 | 587.2 | 586.6 | 586.0 | 585.4 |
| 165° | 594.8 | 595.6 | 595.6 | 594.9 | 594.2 | 593.5 | 592.8 |
| 167.5° | 600.6 | 601.3 | 601.3 | 600.6 | 599.8 | 599.0 | 598.1 |
| 170° | 603.8 | 604.6 | 604.6 | 603.8 | 603.0 | 602.2 | 601.3 |
| 172.5° | 605.9 | 606.7 | 606.7 | 605.9 | 605.0 | 604.0 | 603.2 |
| 175° | 608.5 | 609.2 | 609.1 | 608.3 | 607.5 | 606.7 | 605.9 |
| 177.5° | 609.3 | 610.0 | 609.9 | 609.1 | 608.3 | 607.5 | 606.7 |
| 180° | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 | 608.2 |

(END OF REPORT)