

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: P332038-940

Luminaire Tested: **S123DIP-S1000D1195U940-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332038-940
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-S1000D1195U940-4F0-1E-UDD-A4
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1000 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: 7634.6 lumens
Efficiency: N/A
Efficacy: 116.7 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

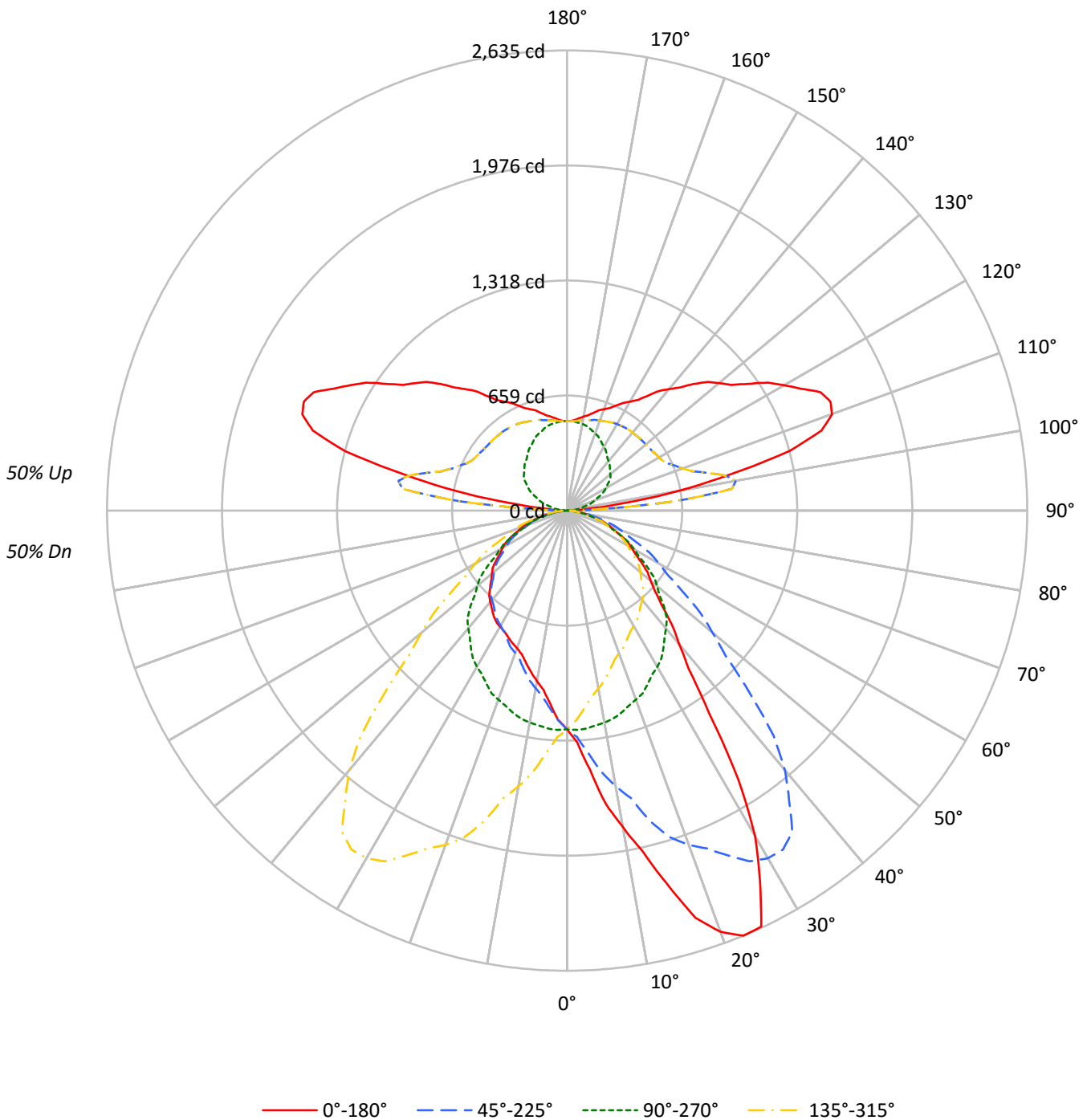
Input Watts (W): 65.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-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 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 56 | 56 | 56 | 50 |
| 1 | 98 | 94 | 90 | 87 | 90 | 87 | 83 | 80 | 73 | 71 | 69 | 61 | 59 | 58 | 50 | 49 | 48 | 42 |
| 2 | 89 | 82 | 76 | 71 | 82 | 76 | 71 | 66 | 64 | 61 | 57 | 54 | 51 | 49 | 44 | 42 | 40 | 36 |
| 3 | 82 | 72 | 65 | 59 | 75 | 67 | 61 | 56 | 57 | 52 | 48 | 48 | 44 | 41 | 39 | 37 | 35 | 31 |
| 4 | 75 | 64 | 56 | 50 | 69 | 60 | 53 | 47 | 51 | 46 | 41 | 43 | 39 | 36 | 35 | 32 | 30 | 26 |
| 5 | 69 | 57 | 49 | 43 | 63 | 53 | 46 | 41 | 46 | 40 | 36 | 38 | 34 | 31 | 32 | 29 | 26 | 23 |
| 6 | 63 | 51 | 43 | 38 | 58 | 48 | 41 | 36 | 41 | 36 | 31 | 35 | 30 | 27 | 29 | 26 | 23 | 20 |
| 7 | 59 | 46 | 39 | 33 | 54 | 43 | 36 | 31 | 37 | 32 | 28 | 32 | 27 | 24 | 26 | 23 | 21 | 18 |
| 8 | 54 | 42 | 34 | 29 | 50 | 39 | 32 | 28 | 34 | 28 | 25 | 29 | 25 | 22 | 24 | 21 | 19 | 16 |
| 9 | 51 | 38 | 31 | 26 | 47 | 36 | 29 | 25 | 31 | 26 | 22 | 27 | 22 | 19 | 22 | 19 | 17 | 15 |
| 10 | 47 | 35 | 28 | 23 | 44 | 33 | 27 | 22 | 29 | 23 | 20 | 25 | 20 | 17 | 21 | 17 | 15 | 13 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 13481 | 13481 | 13481 | 13481 |
| 5° | 16077 | 13539 | 11998 | 13539 |
| 10° | 20122 | 13470 | 10837 | 13470 |
| 15° | 24681 | 13362 | 10089 | 13362 |
| 20° | 29402 | 13192 | 9606 | 13192 |
| 25° | 31220 | 12986 | 9499 | 12986 |
| 30° | 26759 | 12837 | 9548 | 12837 |
| 35° | 18611 | 12623 | 9648 | 12623 |
| 40° | 14018 | 12372 | 9618 | 12372 |
| 45° | 11639 | 12000 | 9496 | 12000 |
| 50° | 10426 | 11238 | 9409 | 11238 |
| 55° | 9747 | 10419 | 9293 | 10419 |
| 60° | 9143 | 9563 | 9197 | 9563 |
| 65° | 8593 | 8716 | 8904 | 8716 |
| 70° | 8060 | 7755 | 8478 | 7755 |
| 75° | 7216 | 6791 | 7773 | 6791 |
| 80° | 6316 | 5566 | 6695 | 5566 |
| 85° | 4940 | 4039 | 4495 | 4039 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 123.4 | 1.6 |
| 10°-20° | 395.6 | 5.2 |
| 20°-30° | 664.0 | 8.7 |
| 30°-40° | 751.8 | 9.8 |
| 40°-50° | 674.2 | 8.8 |
| 50°-60° | 544.1 | 7.1 |
| 60°-70° | 379.1 | 5.0 |
| 70°-80° | 199.3 | 2.6 |
| 80°-90° | 52.7 | 0.7 |
| 90°-100° | 284.8 | 3.7 |
| 100°-110° | 806.5 | 10.6 |
| 110°-120° | 793.4 | 10.4 |
| 120°-130° | 632.8 | 8.3 |
| 130°-140° | 498.9 | 6.5 |
| 140°-150° | 372.4 | 4.9 |
| 150°-160° | 259.6 | 3.4 |
| 160°-170° | 152.5 | 2.0 |
| 170°-180° | 49.6 | 0.6 |
| 0°-30° | 1182.9 | 15.5 |
| 0°-40° | 1934.7 | 25.3 |
| 0°-60° | 3153.0 | 41.3 |
| 0°-90° | 3784.1 | 49.6 |
| 90°-120° | 1884.7 | 24.7 |
| 90°-150° | 3388.9 | 44.4 |
| 90°-180° | 3851.0 | 50.4 |
| 0°-180° | 7634.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1252 | 1252 | 1252 | 1252 | 1252 | |
| 5° | 1488 | 1253 | 1110 | 1253 | 1488 | 154 |
| 15° | 2215 | 1199 | 905 | 1199 | 2215 | 639 |
| 25° | 2629 | 1093 | 800 | 1093 | 2629 | 1153 |
| 35° | 1416 | 961 | 734 | 961 | 1416 | 920 |
| 45° | 765 | 788 | 624 | 788 | 765 | 605 |
| 55° | 519 | 555 | 495 | 555 | 519 | 466 |
| 65° | 337 | 342 | 350 | 342 | 337 | 336 |
| 75° | 174 | 163 | 187 | 163 | 174 | 186 |
| 85° | 40 | 33 | 36 | 33 | 40 | 48 |
| 90° | 30 | 2 | 30 | 2 | 30 | 18 |
| 95° | 120 | 35 | 120 | 35 | 120 | 217 |
| 105° | 1318 | 120 | 1318 | 120 | 1318 | 1300 |
| 115° | 1603 | 212 | 1603 | 212 | 1603 | 1557 |
| 125° | 1264 | 295 | 1264 | 295 | 1264 | 1145 |
| 135° | 1025 | 346 | 1025 | 346 | 1025 | 795 |
| 145° | 801 | 395 | 801 | 395 | 801 | 509 |
| 155° | 664 | 449 | 664 | 449 | 664 | 310 |
| 165° | 579 | 490 | 579 | 490 | 579 | 166 |
| 175° | 521 | 511 | 521 | 511 | 521 | 51 |
| 180° | 512 | 512 | 512 | 512 | 512 | |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 |
| 2.5° | 1329.1 | 1328.2 | 1325.7 | 1327.7 | 1323.8 | 1318.5 | 1317.9 | 1313.1 | 1299.0 | 1298.1 | 1294.2 |
| 5° | 1487.9 | 1483.0 | 1482.4 | 1481.8 | 1473.3 | 1461.8 | 1439.9 | 1438.2 | 1409.0 | 1394.5 | 1376.8 |
| 7.5° | 1693.4 | 1696.0 | 1687.1 | 1679.4 | 1653.4 | 1636.3 | 1612.8 | 1582.9 | 1547.1 | 1510.8 | 1486.7 |
| 10° | 1841.0 | 1861.1 | 1836.2 | 1819.2 | 1803.4 | 1773.7 | 1739.1 | 1696.0 | 1653.0 | 1602.6 | 1564.3 |
| 12.5° | 1999.3 | 2009.1 | 2004.1 | 1988.2 | 1963.6 | 1918.3 | 1857.1 | 1809.6 | 1770.0 | 1686.0 | 1652.2 |
| 15° | 2214.8 | 2251.8 | 2228.2 | 2173.5 | 2174.8 | 2131.7 | 2051.6 | 1963.6 | 1916.9 | 1843.4 | 1743.4 |
| 17.5° | 2444.4 | 2449.1 | 2439.0 | 2393.4 | 2363.1 | 2303.9 | 2230.0 | 2145.6 | 2051.0 | 1962.1 | 1856.0 |
| 20° | 2566.8 | 2563.1 | 2541.9 | 2518.2 | 2466.0 | 2419.9 | 2339.2 | 2245.1 | 2123.8 | 2036.4 | 1920.6 |
| 22.5° | 2634.7 | 2628.7 | 2618.6 | 2598.8 | 2555.4 | 2505.9 | 2433.4 | 2330.6 | 2215.1 | 2094.7 | 1960.8 |
| 25° | 2628.7 | 2636.5 | 2637.8 | 2632.3 | 2617.2 | 2587.4 | 2530.3 | 2448.5 | 2333.2 | 2178.4 | 2038.9 |
| 27.5° | 2390.8 | 2402.0 | 2434.4 | 2463.2 | 2495.3 | 2528.1 | 2523.7 | 2483.1 | 2397.7 | 2264.1 | 2093.5 |
| 30° | 2152.9 | 2128.7 | 2188.7 | 2264.6 | 2316.1 | 2407.2 | 2458.2 | 2461.2 | 2413.2 | 2298.6 | 2132.3 |
| 32.5° | 1822.8 | 1849.5 | 1876.1 | 1969.4 | 2082.1 | 2184.3 | 2285.8 | 2367.5 | 2376.9 | 2300.5 | 2155.1 |
| 35° | 1416.3 | 1449.7 | 1498.2 | 1546.8 | 1668.1 | 1772.5 | 1950.9 | 2106.2 | 2230.0 | 2246.4 | 2157.1 |
| 37.5° | 1141.3 | 1157.8 | 1188.5 | 1237.2 | 1316.5 | 1440.3 | 1578.3 | 1774.7 | 1954.0 | 2087.4 | 2093.2 |
| 40° | 997.6 | 1002.5 | 1037.1 | 1074.1 | 1138.4 | 1240.3 | 1364.7 | 1538.2 | 1753.0 | 1939.4 | 2017.0 |
| 42.5° | 889.8 | 900.4 | 915.2 | 950.7 | 1001.9 | 1078.6 | 1194.3 | 1337.7 | 1534.6 | 1749.0 | 1900.9 |
| 45° | 764.6 | 776.7 | 785.8 | 809.5 | 845.9 | 897.4 | 978.2 | 1109.2 | 1259.1 | 1480.6 | 1685.1 |
| 47.5° | 681.8 | 682.8 | 689.6 | 707.4 | 732.2 | 770.9 | 828.0 | 912.1 | 1049.7 | 1229.4 | 1439.3 |
| 50° | 622.6 | 632.3 | 634.7 | 648.6 | 668.1 | 696.6 | 744.0 | 815.6 | 928.4 | 1086.2 | 1279.2 |
| 52.5° | 580.9 | 583.7 | 590.6 | 600.7 | 617.6 | 639.8 | 680.8 | 736.9 | 825.5 | 959.9 | 1137.4 |
| 55° | 519.4 | 519.4 | 526.1 | 534.0 | 543.7 | 563.7 | 591.0 | 632.3 | 699.6 | 804.1 | 950.8 |
| 57.5° | 462.6 | 465.7 | 470.4 | 472.8 | 481.1 | 494.3 | 517.1 | 548.4 | 598.7 | 679.0 | 795.8 |
| 60° | 424.7 | 430.3 | 429.6 | 434.4 | 441.8 | 452.1 | 471.4 | 497.0 | 541.9 | 606.2 | 704.5 |
| 62.5° | 391.7 | 391.4 | 391.3 | 397.1 | 404.4 | 414.2 | 426.9 | 448.9 | 487.1 | 544.0 | 627.8 |
| 65° | 337.4 | 336.2 | 340.5 | 344.0 | 346.5 | 353.7 | 363.5 | 382.9 | 408.4 | 450.8 | 515.8 |
| 67.5° | 289.1 | 285.5 | 287.8 | 289.1 | 293.2 | 298.9 | 308.0 | 320.0 | 340.3 | 374.4 | 423.3 |
| 70° | 256.1 | 253.1 | 252.4 | 253.6 | 257.3 | 261.5 | 268.2 | 279.7 | 298.5 | 325.8 | 361.7 |
| 72.5° | 222.1 | 220.0 | 219.9 | 222.6 | 224.3 | 227.0 | 231.8 | 242.4 | 257.3 | 277.8 | 311.2 |
| 75° | 173.5 | 173.5 | 173.5 | 174.2 | 175.9 | 178.4 | 182.0 | 187.5 | 199.0 | 213.6 | 236.0 |
| 77.5° | 130.1 | 130.0 | 129.2 | 129.1 | 131.8 | 132.9 | 133.8 | 138.8 | 145.3 | 155.1 | 171.5 |
| 80° | 101.9 | 98.9 | 100.1 | 101.9 | 103.2 | 103.8 | 105.6 | 106.8 | 112.3 | 117.7 | 129.2 |
| 82.5° | 75.7 | 73.2 | 73.4 | 76.2 | 76.4 | 77.0 | 78.9 | 80.6 | 82.7 | 87.7 | 93.8 |
| 85° | 40.0 | 40.0 | 40.7 | 40.7 | 41.3 | 40.7 | 42.4 | 43.1 | 43.1 | 46.1 | 49.8 |
| 87.5° | 20.6 | 19.8 | 20.1 | 20.3 | 20.1 | 20.2 | 20.4 | 20.7 | 21.0 | 21.7 | 21.6 |
| 90° | 30.1 | 31.1 | 30.1 | 29.0 | 30.1 | 28.0 | 26.9 | 25.9 | 24.9 | 25.9 | 22.8 |
| 92.5° | 49.9 | 51.8 | 50.7 | 53.9 | 55.7 | 61.1 | 69.2 | 87.2 | 120.2 | 159.3 | 175.3 |
| 95° | 120.2 | 124.3 | 131.6 | 140.9 | 160.6 | 197.9 | 252.8 | 373.0 | 498.3 | 614.4 | 547.1 |
| 97.5° | 327.2 | 336.1 | 364.1 | 410.7 | 487.1 | 611.1 | 744.7 | 929.7 | 1018.6 | 952.1 | 697.1 |
| 100° | 649.6 | 648.5 | 688.9 | 764.6 | 869.2 | 1016.4 | 1137.6 | 1221.5 | 1185.3 | 981.1 | 663.1 |
| 102.5° | 953.0 | 976.8 | 1010.6 | 1070.4 | 1151.8 | 1245.1 | 1315.7 | 1318.5 | 1193.5 | 927.3 | 613.3 |
| 105° | 1317.9 | 1323.0 | 1356.2 | 1395.5 | 1443.2 | 1470.2 | 1450.5 | 1346.8 | 1130.3 | 832.9 | 552.2 |
| 107.5° | 1527.9 | 1537.5 | 1548.6 | 1561.9 | 1561.1 | 1524.2 | 1433.4 | 1265.2 | 1019.7 | 749.7 | 513.3 |
| 110° | 1614.2 | 1616.2 | 1618.3 | 1610.0 | 1581.0 | 1508.5 | 1378.0 | 1187.3 | 950.0 | 702.4 | 498.3 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1631.6 | 1631.1 | 1623.3 | 1597.6 | 1544.5 | 1451.3 | 1305.0 | 1110.2 | 889.6 | 670.9 | 490.1 |
| 115° | 1602.8 | 1597.6 | 1576.8 | 1531.2 | 1453.6 | 1340.6 | 1188.3 | 1008.1 | 816.4 | 637.1 | 487.0 |
| 117.5° | 1511.2 | 1504.1 | 1474.3 | 1422.1 | 1341.0 | 1226.5 | 1089.7 | 934.1 | 772.2 | 617.2 | 488.8 |
| 120° | 1434.9 | 1428.7 | 1403.8 | 1345.8 | 1264.0 | 1159.3 | 1035.0 | 895.1 | 749.0 | 608.1 | 492.1 |
| 122.5° | 1363.6 | 1355.8 | 1328.4 | 1276.2 | 1203.5 | 1106.3 | 991.0 | 864.4 | 730.0 | 602.4 | 497.9 |
| 125° | 1264.0 | 1256.7 | 1230.8 | 1185.3 | 1118.9 | 1036.0 | 936.6 | 823.7 | 705.5 | 594.7 | 506.6 |
| 127.5° | 1181.9 | 1175.3 | 1151.8 | 1112.9 | 1053.8 | 978.4 | 888.7 | 788.0 | 684.0 | 590.9 | 516.6 |
| 130° | 1135.5 | 1127.2 | 1105.5 | 1068.2 | 1013.3 | 942.8 | 858.9 | 765.6 | 672.3 | 588.4 | 523.2 |
| 132.5° | 1089.9 | 1084.1 | 1064.8 | 1027.5 | 976.0 | 908.8 | 830.7 | 744.9 | 661.6 | 587.6 | 528.2 |
| 135° | 1024.7 | 1017.4 | 998.7 | 967.7 | 916.9 | 857.8 | 790.5 | 716.9 | 647.6 | 586.4 | 535.7 |
| 137.5° | 955.6 | 950.8 | 935.1 | 903.7 | 860.9 | 809.8 | 751.7 | 691.4 | 635.3 | 584.1 | 540.6 |
| 140° | 907.6 | 908.6 | 892.1 | 863.0 | 823.7 | 779.1 | 729.3 | 676.5 | 627.9 | 583.3 | 543.9 |
| 142.5° | 862.8 | 863.8 | 848.9 | 823.2 | 789.7 | 750.9 | 707.8 | 662.5 | 621.2 | 581.7 | 546.4 |
| 145° | 800.8 | 798.8 | 790.5 | 768.7 | 742.8 | 712.8 | 679.7 | 645.4 | 612.3 | 579.2 | 548.0 |
| 147.5° | 749.8 | 749.0 | 741.2 | 726.5 | 706.8 | 685.5 | 658.7 | 631.6 | 603.6 | 575.2 | 548.0 |
| 150° | 720.1 | 720.1 | 713.8 | 702.4 | 686.9 | 667.2 | 645.4 | 621.6 | 597.8 | 571.9 | 548.0 |
| 152.5° | 695.2 | 695.2 | 691.4 | 680.9 | 668.7 | 652.3 | 633.0 | 612.5 | 591.2 | 567.8 | 545.5 |
| 155° | 664.1 | 663.1 | 661.0 | 652.7 | 643.4 | 631.0 | 615.4 | 598.8 | 581.2 | 560.5 | 542.9 |
| 157.5° | 635.7 | 635.9 | 634.3 | 628.0 | 619.9 | 610.2 | 598.2 | 584.3 | 570.0 | 554.1 | 539.4 |
| 160° | 617.5 | 618.5 | 618.5 | 612.3 | 605.0 | 597.8 | 587.5 | 576.0 | 562.6 | 549.1 | 537.7 |
| 162.5° | 600.9 | 601.9 | 601.9 | 596.6 | 591.7 | 585.3 | 575.9 | 566.1 | 555.1 | 544.1 | 534.4 |
| 165° | 579.2 | 579.2 | 580.1 | 576.0 | 571.9 | 566.7 | 559.5 | 553.2 | 544.9 | 536.6 | 529.4 |
| 167.5° | 558.4 | 558.4 | 559.5 | 556.5 | 554.7 | 551.0 | 546.8 | 542.1 | 535.2 | 529.2 | 524.4 |
| 170° | 546.0 | 546.0 | 547.1 | 544.9 | 543.9 | 541.8 | 537.7 | 534.6 | 529.4 | 524.2 | 521.1 |
| 172.5° | 534.4 | 535.2 | 537.1 | 535.0 | 534.8 | 533.6 | 530.2 | 528.0 | 523.6 | 520.0 | 518.6 |
| 175° | 521.1 | 522.2 | 523.2 | 522.2 | 522.2 | 522.2 | 520.0 | 519.1 | 517.0 | 514.9 | 514.9 |
| 177.5° | 513.4 | 513.4 | 515.1 | 514.2 | 515.1 | 515.1 | 514.2 | 513.4 | 512.6 | 511.8 | 512.6 |
| 180° | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 |
| 2.5° | 1291.3 | 1287.4 | 1283.5 | 1276.8 | 1270.9 | 1262.7 | 1260.2 | 1257.3 | 1248.6 | 1240.8 | 1234.9 |
| 5° | 1370.1 | 1355.6 | 1334.4 | 1314.9 | 1299.1 | 1277.9 | 1265.8 | 1253.0 | 1234.8 | 1218.4 | 1205.1 |
| 7.5° | 1452.7 | 1424.1 | 1391.1 | 1355.3 | 1322.1 | 1290.0 | 1264.2 | 1241.2 | 1215.7 | 1191.5 | 1172.7 |
| 10° | 1518.2 | 1476.9 | 1430.8 | 1381.1 | 1338.6 | 1297.4 | 1262.8 | 1232.4 | 1199.6 | 1171.1 | 1147.5 |
| 12.5° | 1593.0 | 1531.8 | 1468.2 | 1407.7 | 1357.5 | 1300.3 | 1258.4 | 1219.8 | 1182.7 | 1148.3 | 1121.8 |
| 15° | 1681.4 | 1603.7 | 1528.6 | 1445.4 | 1369.0 | 1297.4 | 1247.6 | 1199.1 | 1155.9 | 1120.8 | 1086.8 |
| 17.5° | 1762.0 | 1674.0 | 1574.9 | 1473.8 | 1381.5 | 1296.6 | 1227.0 | 1172.1 | 1118.2 | 1075.1 | 1041.3 |
| 20° | 1807.7 | 1707.5 | 1595.3 | 1490.3 | 1388.4 | 1293.7 | 1217.3 | 1151.7 | 1093.4 | 1047.9 | 1009.7 |
| 22.5° | 1847.0 | 1729.8 | 1613.7 | 1501.5 | 1387.9 | 1285.9 | 1199.3 | 1131.8 | 1068.7 | 1024.1 | 983.5 |
| 25° | 1887.8 | 1747.6 | 1631.1 | 1499.4 | 1372.6 | 1267.0 | 1169.9 | 1093.4 | 1030.4 | 978.2 | 936.3 |
| 27.5° | 1922.7 | 1746.4 | 1608.1 | 1466.5 | 1348.5 | 1242.7 | 1139.1 | 1057.0 | 990.1 | 933.4 | 890.9 |
| 30° | 1946.0 | 1748.8 | 1584.4 | 1444.2 | 1325.3 | 1216.0 | 1115.3 | 1032.8 | 962.4 | 904.7 | 864.7 |
| 32.5° | 1960.6 | 1747.3 | 1562.5 | 1413.1 | 1288.3 | 1191.8 | 1089.6 | 1004.2 | 931.8 | 875.1 | 836.5 |
| 35° | 1969.1 | 1736.7 | 1524.9 | 1348.9 | 1228.8 | 1134.7 | 1049.2 | 960.6 | 884.8 | 832.0 | 788.3 |
| 37.5° | 1952.0 | 1714.2 | 1481.2 | 1287.0 | 1155.5 | 1062.8 | 990.9 | 915.4 | 842.8 | 784.7 | 747.1 |
| 40° | 1925.4 | 1699.7 | 1447.2 | 1243.3 | 1105.0 | 1015.7 | 954.5 | 880.5 | 808.9 | 753.7 | 718.5 |
| 42.5° | 1874.4 | 1670.0 | 1409.9 | 1194.8 | 1052.6 | 963.3 | 907.0 | 845.1 | 777.3 | 725.5 | 690.3 |
| 45° | 1750.0 | 1605.6 | 1353.8 | 1122.0 | 975.1 | 882.9 | 833.1 | 788.3 | 726.9 | 676.5 | 646.2 |
| 47.5° | 1577.4 | 1508.6 | 1272.7 | 1045.2 | 894.3 | 805.6 | 753.9 | 717.7 | 673.0 | 632.3 | 603.2 |
| 50° | 1457.5 | 1429.1 | 1217.8 | 992.7 | 840.4 | 753.7 | 703.9 | 671.1 | 639.0 | 598.3 | 571.6 |
| 52.5° | 1319.2 | 1336.8 | 1153.8 | 938.3 | 785.6 | 700.3 | 653.4 | 627.4 | 598.2 | 564.8 | 541.5 |
| 55° | 1124.4 | 1188.1 | 1043.1 | 847.1 | 703.9 | 622.6 | 578.3 | 555.2 | 538.2 | 513.4 | 493.3 |
| 57.5° | 942.0 | 1023.1 | 923.5 | 753.0 | 623.7 | 553.5 | 511.0 | 485.9 | 475.0 | 462.0 | 446.2 |
| 60° | 833.7 | 913.8 | 838.0 | 689.9 | 569.8 | 503.0 | 465.4 | 444.2 | 433.3 | 424.2 | 410.8 |
| 62.5° | 737.2 | 818.2 | 754.5 | 625.9 | 516.8 | 455.0 | 422.2 | 401.4 | 393.0 | 388.3 | 376.8 |
| 65° | 604.4 | 674.1 | 631.7 | 526.1 | 441.1 | 386.6 | 356.8 | 342.2 | 334.4 | 332.5 | 325.2 |
| 67.5° | 491.9 | 545.0 | 514.1 | 436.4 | 369.5 | 322.4 | 297.1 | 284.7 | 278.7 | 278.0 | 272.6 |
| 70° | 418.1 | 467.9 | 444.2 | 373.8 | 316.1 | 279.1 | 257.3 | 246.4 | 242.7 | 242.1 | 239.1 |
| 72.5° | 360.8 | 395.5 | 376.7 | 318.0 | 273.4 | 239.8 | 223.8 | 212.4 | 208.2 | 209.1 | 207.1 |
| 75° | 267.0 | 293.1 | 282.1 | 241.5 | 205.7 | 183.9 | 170.5 | 163.3 | 159.6 | 161.4 | 159.0 |
| 77.5° | 192.1 | 208.7 | 198.8 | 170.7 | 148.6 | 132.8 | 123.0 | 118.4 | 115.2 | 115.0 | 114.0 |
| 80° | 145.0 | 154.7 | 149.3 | 132.2 | 114.0 | 100.8 | 92.8 | 89.8 | 88.0 | 87.4 | 86.8 |
| 82.5° | 103.3 | 111.6 | 105.1 | 93.5 | 81.1 | 73.0 | 68.6 | 64.6 | 63.2 | 63.6 | 63.0 |
| 85° | 52.2 | 55.2 | 52.8 | 45.5 | 40.7 | 37.0 | 34.6 | 32.7 | 31.6 | 32.2 | 30.9 |
| 87.5° | 21.9 | 21.8 | 19.7 | 17.3 | 16.0 | 13.8 | 13.5 | 12.0 | 11.5 | 11.9 | 12.0 |
| 90° | 19.7 | 16.6 | 13.5 | 11.4 | 9.4 | 6.2 | 4.1 | 2.1 | 4.1 | 6.2 | 9.4 |
| 92.5° | 131.6 | 87.0 | 59.9 | 44.6 | 35.8 | 27.7 | 19.1 | 12.8 | 19.1 | 27.7 | 35.8 |
| 95° | 377.1 | 222.7 | 134.6 | 94.3 | 67.3 | 49.8 | 38.3 | 35.2 | 38.3 | 49.8 | 67.3 |
| 97.5° | 413.8 | 239.8 | 155.6 | 111.9 | 85.3 | 70.0 | 61.1 | 60.1 | 61.1 | 70.0 | 85.3 |
| 100° | 390.6 | 237.3 | 164.7 | 124.3 | 99.4 | 85.0 | 77.7 | 76.7 | 77.7 | 85.0 | 99.4 |
| 102.5° | 370.7 | 240.6 | 175.5 | 138.4 | 116.0 | 102.4 | 95.9 | 94.1 | 95.9 | 102.4 | 116.0 |
| 105° | 356.4 | 249.7 | 193.8 | 161.6 | 142.0 | 129.5 | 123.3 | 120.2 | 123.3 | 129.5 | 142.0 |
| 107.5° | 355.3 | 266.7 | 217.6 | 187.7 | 169.2 | 157.0 | 151.1 | 147.9 | 151.1 | 157.0 | 169.2 |
| 110° | 359.5 | 280.8 | 234.2 | 205.1 | 187.5 | 176.1 | 170.9 | 167.8 | 170.9 | 176.1 | 187.5 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 367.8 | 294.9 | 251.6 | 223.4 | 205.7 | 194.4 | 189.2 | 186.1 | 189.2 | 194.4 | 205.7 |
| 115° | 381.3 | 318.1 | 278.7 | 250.7 | 233.1 | 222.7 | 216.5 | 212.4 | 216.5 | 222.7 | 233.1 |
| 117.5° | 399.0 | 342.7 | 303.8 | 277.9 | 258.2 | 248.6 | 243.4 | 238.7 | 243.4 | 248.6 | 258.2 |
| 120° | 412.3 | 358.5 | 321.2 | 295.2 | 275.6 | 265.2 | 260.0 | 256.9 | 260.0 | 265.2 | 275.6 |
| 122.5° | 424.8 | 375.1 | 338.6 | 311.0 | 292.1 | 281.0 | 275.8 | 272.7 | 275.8 | 281.0 | 292.1 |
| 125° | 444.4 | 398.9 | 362.6 | 334.7 | 315.0 | 303.5 | 297.4 | 295.2 | 297.4 | 303.5 | 315.0 |
| 127.5° | 460.7 | 419.5 | 384.6 | 356.6 | 334.8 | 323.2 | 315.6 | 312.5 | 315.6 | 323.2 | 334.8 |
| 130° | 471.4 | 432.0 | 397.8 | 369.9 | 348.1 | 335.6 | 326.4 | 323.2 | 326.4 | 335.6 | 348.1 |
| 132.5° | 481.3 | 442.8 | 409.5 | 382.3 | 360.5 | 345.6 | 335.5 | 331.5 | 335.5 | 345.6 | 360.5 |
| 135° | 494.2 | 459.0 | 426.9 | 398.9 | 377.1 | 361.6 | 350.2 | 346.1 | 350.2 | 361.6 | 377.1 |
| 137.5° | 503.7 | 470.1 | 439.3 | 413.4 | 391.8 | 375.2 | 364.1 | 359.7 | 364.1 | 375.2 | 391.8 |
| 140° | 508.7 | 477.6 | 447.5 | 421.7 | 400.9 | 384.3 | 374.0 | 368.8 | 374.0 | 384.3 | 400.9 |
| 142.5° | 513.6 | 483.4 | 454.2 | 430.0 | 409.2 | 394.3 | 383.2 | 378.8 | 383.2 | 394.3 | 409.2 |
| 145° | 519.1 | 491.1 | 464.1 | 440.3 | 422.7 | 407.2 | 397.8 | 394.8 | 397.8 | 407.2 | 422.7 |
| 147.5° | 522.4 | 497.3 | 472.6 | 452.4 | 435.3 | 421.9 | 412.8 | 410.9 | 412.8 | 421.9 | 435.3 |
| 150° | 523.2 | 501.4 | 477.6 | 459.0 | 444.4 | 431.0 | 422.7 | 421.7 | 422.7 | 431.0 | 444.4 |
| 152.5° | 524.9 | 503.9 | 483.4 | 465.6 | 452.7 | 441.0 | 432.7 | 432.5 | 432.7 | 441.0 | 452.7 |
| 155° | 525.3 | 508.7 | 491.1 | 476.5 | 465.2 | 454.9 | 448.6 | 448.6 | 448.6 | 454.9 | 465.2 |
| 157.5° | 526.3 | 511.4 | 497.3 | 486.1 | 476.4 | 467.3 | 462.3 | 461.5 | 462.3 | 467.3 | 476.4 |
| 160° | 526.3 | 513.9 | 501.4 | 491.1 | 483.8 | 475.5 | 471.4 | 471.4 | 471.4 | 475.5 | 483.8 |
| 162.5° | 525.5 | 514.7 | 503.9 | 495.3 | 488.8 | 482.1 | 478.8 | 478.8 | 478.8 | 482.1 | 488.8 |
| 165° | 523.2 | 515.9 | 507.7 | 500.4 | 496.2 | 491.1 | 489.0 | 490.1 | 489.0 | 491.1 | 496.2 |
| 167.5° | 521.6 | 515.8 | 509.7 | 505.2 | 502.3 | 498.3 | 497.3 | 498.6 | 497.3 | 498.3 | 502.3 |
| 170° | 519.1 | 514.9 | 509.7 | 507.7 | 505.6 | 502.5 | 501.4 | 503.5 | 501.4 | 502.5 | 505.6 |
| 172.5° | 518.3 | 514.9 | 510.6 | 509.3 | 508.1 | 505.8 | 505.6 | 506.8 | 505.6 | 505.8 | 508.1 |
| 175° | 515.9 | 513.9 | 511.8 | 510.8 | 510.8 | 508.7 | 509.7 | 510.8 | 509.7 | 508.7 | 510.8 |
| 177.5° | 514.2 | 512.6 | 511.8 | 511.8 | 511.8 | 511.0 | 511.8 | 512.6 | 511.8 | 511.0 | 511.8 |
| 180° | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 |
| 2.5° | 1231.5 | 1228.2 | 1223.3 | 1216.0 | 1210.2 | 1201.0 | 1201.0 | 1202.5 | 1202.5 | 1201.9 | 1201.0 |
| 5° | 1194.2 | 1185.1 | 1174.2 | 1161.5 | 1148.1 | 1134.7 | 1132.3 | 1127.5 | 1123.8 | 1121.3 | 1118.3 |
| 7.5° | 1154.8 | 1138.6 | 1122.7 | 1104.8 | 1088.6 | 1075.1 | 1065.8 | 1058.0 | 1053.0 | 1047.7 | 1043.8 |
| 10° | 1128.0 | 1108.0 | 1089.2 | 1070.4 | 1049.7 | 1033.4 | 1023.1 | 1015.7 | 1010.3 | 1005.5 | 1003.1 |
| 12.5° | 1096.4 | 1073.5 | 1052.8 | 1034.9 | 1012.4 | 995.5 | 985.7 | 982.3 | 975.9 | 965.6 | 960.3 |
| 15° | 1050.3 | 1029.1 | 1004.2 | 977.0 | 966.0 | 945.4 | 933.9 | 928.4 | 924.8 | 916.9 | 914.4 |
| 17.5° | 1010.9 | 983.1 | 955.2 | 934.9 | 914.5 | 897.9 | 891.4 | 884.6 | 879.8 | 873.3 | 871.4 |
| 20° | 979.4 | 954.5 | 929.0 | 907.1 | 885.9 | 867.7 | 862.3 | 857.4 | 852.6 | 849.5 | 847.1 |
| 22.5° | 947.4 | 922.5 | 901.3 | 880.9 | 858.3 | 846.3 | 840.4 | 835.1 | 831.7 | 829.6 | 827.2 |
| 25° | 902.3 | 880.5 | 856.8 | 838.6 | 820.4 | 812.5 | 808.9 | 805.8 | 803.4 | 800.4 | 799.8 |
| 27.5° | 862.0 | 838.2 | 819.0 | 802.1 | 789.0 | 782.4 | 778.9 | 777.4 | 777.9 | 779.0 | 779.7 |
| 30° | 832.0 | 810.1 | 794.3 | 779.7 | 767.6 | 761.5 | 760.9 | 760.9 | 763.4 | 763.9 | 765.2 |
| 32.5° | 804.2 | 786.3 | 770.5 | 756.4 | 747.3 | 743.1 | 745.4 | 745.4 | 747.3 | 748.9 | 751.1 |
| 35° | 763.9 | 748.1 | 736.0 | 723.9 | 716.0 | 717.8 | 719.1 | 720.2 | 723.3 | 726.9 | 729.4 |
| 37.5° | 725.5 | 711.8 | 699.2 | 689.6 | 686.1 | 689.3 | 692.2 | 694.8 | 698.3 | 701.1 | 703.6 |
| 40° | 697.9 | 687.5 | 675.4 | 666.9 | 668.1 | 669.9 | 672.3 | 675.4 | 678.4 | 680.2 | 682.7 |
| 42.5° | 672.1 | 661.3 | 652.1 | 645.1 | 646.8 | 649.1 | 650.5 | 652.1 | 655.6 | 658.9 | 660.3 |
| 45° | 632.9 | 624.4 | 615.9 | 611.6 | 612.9 | 614.1 | 615.3 | 617.2 | 620.2 | 622.6 | 623.2 |
| 47.5° | 588.8 | 582.9 | 577.2 | 573.1 | 575.0 | 574.5 | 576.1 | 580.0 | 580.9 | 582.4 | 585.8 |
| 50° | 560.7 | 555.2 | 548.6 | 547.3 | 547.3 | 547.3 | 548.0 | 552.8 | 552.8 | 555.2 | 557.7 |
| 52.5° | 529.6 | 526.1 | 521.8 | 519.7 | 518.7 | 518.7 | 521.2 | 523.7 | 524.7 | 528.1 | 530.5 |
| 55° | 483.7 | 480.0 | 476.4 | 474.5 | 473.3 | 474.5 | 479.4 | 480.5 | 483.7 | 485.4 | 487.2 |
| 57.5° | 435.7 | 432.9 | 430.0 | 429.0 | 428.7 | 430.3 | 433.0 | 436.7 | 437.4 | 443.0 | 445.8 |
| 60° | 404.1 | 399.8 | 397.4 | 397.4 | 396.3 | 401.7 | 400.5 | 406.5 | 407.8 | 411.4 | 415.6 |
| 62.5° | 371.6 | 365.9 | 364.9 | 364.9 | 366.7 | 368.2 | 369.9 | 372.6 | 375.8 | 380.3 | 383.6 |
| 65° | 319.1 | 316.1 | 320.4 | 319.8 | 318.6 | 322.2 | 322.2 | 325.2 | 328.9 | 333.1 | 339.8 |
| 67.5° | 269.6 | 268.0 | 268.3 | 268.3 | 270.2 | 272.2 | 273.9 | 276.6 | 281.0 | 285.4 | 289.8 |
| 70° | 236.0 | 237.9 | 234.9 | 237.3 | 239.1 | 239.7 | 240.9 | 244.5 | 249.4 | 252.4 | 257.3 |
| 72.5° | 203.5 | 203.4 | 203.8 | 204.7 | 206.5 | 207.7 | 208.8 | 213.0 | 218.3 | 220.9 | 224.8 |
| 75° | 156.6 | 156.0 | 157.7 | 157.7 | 160.8 | 162.0 | 163.3 | 165.1 | 169.9 | 173.5 | 176.6 |
| 77.5° | 114.3 | 115.0 | 114.7 | 116.7 | 115.9 | 116.1 | 119.9 | 121.7 | 122.3 | 129.4 | 131.0 |
| 80° | 86.1 | 87.4 | 88.0 | 88.6 | 89.2 | 88.0 | 92.2 | 94.1 | 94.1 | 98.3 | 101.3 |
| 82.5° | 61.9 | 62.6 | 64.2 | 64.8 | 64.9 | 66.2 | 66.5 | 67.9 | 69.3 | 71.2 | 75.1 |
| 85° | 30.9 | 32.7 | 33.3 | 32.7 | 33.3 | 32.2 | 34.0 | 34.6 | 35.2 | 35.2 | 35.2 |
| 87.5° | 11.9 | 12.9 | 13.0 | 14.1 | 14.3 | 15.3 | 15.2 | 14.4 | 14.6 | 16.3 | 14.7 |
| 90° | 11.4 | 13.5 | 16.6 | 19.7 | 22.8 | 25.9 | 24.9 | 25.9 | 26.9 | 28.0 | 30.1 |
| 92.5° | 44.6 | 59.9 | 87.0 | 131.6 | 175.3 | 159.3 | 120.2 | 87.2 | 69.2 | 61.1 | 55.7 |
| 95° | 94.3 | 134.6 | 222.7 | 377.1 | 547.1 | 614.4 | 498.3 | 373.0 | 252.8 | 197.9 | 160.6 |
| 97.5° | 111.9 | 155.6 | 239.8 | 413.8 | 697.1 | 952.1 | 1018.6 | 929.7 | 744.7 | 611.1 | 487.1 |
| 100° | 124.3 | 164.7 | 237.3 | 390.6 | 663.1 | 981.1 | 1185.3 | 1221.5 | 1137.6 | 1016.4 | 869.2 |
| 102.5° | 138.4 | 175.5 | 240.6 | 370.7 | 613.3 | 927.3 | 1193.5 | 1318.5 | 1315.7 | 1245.1 | 1151.8 |
| 105° | 161.6 | 193.8 | 249.7 | 356.4 | 552.2 | 832.9 | 1130.3 | 1346.8 | 1450.5 | 1470.2 | 1443.2 |
| 107.5° | 187.7 | 217.6 | 266.7 | 355.3 | 513.3 | 749.7 | 1019.7 | 1265.2 | 1433.4 | 1524.2 | 1561.1 |
| 110° | 205.1 | 234.2 | 280.8 | 359.5 | 498.3 | 702.4 | 950.0 | 1187.3 | 1378.0 | 1508.5 | 1581.0 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 112.5° | 223.4 | 251.6 | 294.9 | 367.8 | 490.1 | 670.9 | 889.6 | 1110.2 | 1305.0 | 1451.3 | 1544.5 |
| 115° | 250.7 | 278.7 | 318.1 | 381.3 | 487.0 | 637.1 | 816.4 | 1008.1 | 1188.3 | 1340.6 | 1453.6 |
| 117.5° | 277.9 | 303.8 | 342.7 | 399.0 | 488.8 | 617.2 | 772.2 | 934.1 | 1089.7 | 1226.5 | 1341.0 |
| 120° | 295.2 | 321.2 | 358.5 | 412.3 | 492.1 | 608.1 | 749.0 | 895.1 | 1035.0 | 1159.3 | 1264.0 |
| 122.5° | 311.0 | 338.6 | 375.1 | 424.8 | 497.9 | 602.4 | 730.0 | 864.4 | 991.0 | 1106.3 | 1203.5 |
| 125° | 334.7 | 362.6 | 398.9 | 444.4 | 506.6 | 594.7 | 705.5 | 823.7 | 936.6 | 1036.0 | 1118.9 |
| 127.5° | 356.6 | 384.6 | 419.5 | 460.7 | 516.6 | 590.9 | 684.0 | 788.0 | 888.7 | 978.4 | 1053.8 |
| 130° | 369.9 | 397.8 | 432.0 | 471.4 | 523.2 | 588.4 | 672.3 | 765.6 | 858.9 | 942.8 | 1013.3 |
| 132.5° | 382.3 | 409.5 | 442.8 | 481.3 | 528.2 | 587.6 | 661.6 | 744.9 | 830.7 | 908.8 | 976.0 |
| 135° | 398.9 | 426.9 | 459.0 | 494.2 | 535.7 | 586.4 | 647.6 | 716.9 | 790.5 | 857.8 | 916.9 |
| 137.5° | 413.4 | 439.3 | 470.1 | 503.7 | 540.6 | 584.1 | 635.3 | 691.4 | 751.7 | 809.8 | 860.9 |
| 140° | 421.7 | 447.5 | 477.6 | 508.7 | 543.9 | 583.3 | 627.9 | 676.5 | 729.3 | 779.1 | 823.7 |
| 142.5° | 430.0 | 454.2 | 483.4 | 513.6 | 546.4 | 581.7 | 621.2 | 662.5 | 707.8 | 750.9 | 789.7 |
| 145° | 440.3 | 464.1 | 491.1 | 519.1 | 548.0 | 579.2 | 612.3 | 645.4 | 679.7 | 712.8 | 742.8 |
| 147.5° | 452.4 | 472.6 | 497.3 | 522.4 | 548.0 | 575.2 | 603.6 | 631.6 | 658.7 | 685.5 | 706.8 |
| 150° | 459.0 | 477.6 | 501.4 | 523.2 | 548.0 | 571.9 | 597.8 | 621.6 | 645.4 | 667.2 | 686.9 |
| 152.5° | 465.6 | 483.4 | 503.9 | 524.9 | 545.5 | 567.8 | 591.2 | 612.5 | 633.0 | 652.3 | 668.7 |
| 155° | 476.5 | 491.1 | 508.7 | 525.3 | 542.9 | 560.5 | 581.2 | 598.8 | 615.4 | 631.0 | 643.4 |
| 157.5° | 486.1 | 497.3 | 511.4 | 526.3 | 539.4 | 554.1 | 570.0 | 584.3 | 598.2 | 610.2 | 619.9 |
| 160° | 491.1 | 501.4 | 513.9 | 526.3 | 537.7 | 549.1 | 562.6 | 576.0 | 587.5 | 597.8 | 605.0 |
| 162.5° | 495.3 | 503.9 | 514.7 | 525.5 | 534.4 | 544.1 | 555.1 | 566.1 | 575.9 | 585.3 | 591.7 |
| 165° | 500.4 | 507.7 | 515.9 | 523.2 | 529.4 | 536.6 | 544.9 | 553.2 | 559.5 | 566.7 | 571.9 |
| 167.5° | 505.2 | 509.7 | 515.8 | 521.6 | 524.4 | 529.2 | 535.2 | 542.1 | 546.8 | 551.0 | 554.7 |
| 170° | 507.7 | 509.7 | 514.9 | 519.1 | 521.1 | 524.2 | 529.4 | 534.6 | 537.7 | 541.8 | 543.9 |
| 172.5° | 509.3 | 510.6 | 514.9 | 518.3 | 518.6 | 520.0 | 523.6 | 528.0 | 530.2 | 533.6 | 534.8 |
| 175° | 510.8 | 511.8 | 513.9 | 515.9 | 514.9 | 514.9 | 517.0 | 519.1 | 520.0 | 522.2 | 522.2 |
| 177.5° | 511.8 | 511.8 | 512.6 | 514.2 | 512.6 | 511.8 | 512.6 | 513.4 | 514.2 | 515.1 | 515.1 |
| 180° | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 |
| 2.5° | 1197.6 | 1197.1 | 1200.5 | 1198.1 | 1200.5 | 1197.1 | 1197.6 | 1201.0 | 1201.9 | 1202.5 | 1202.5 |
| 5° | 1114.7 | 1116.5 | 1110.4 | 1110.4 | 1110.4 | 1116.5 | 1114.7 | 1118.3 | 1121.3 | 1123.8 | 1127.5 |
| 7.5° | 1040.9 | 1038.2 | 1038.5 | 1035.2 | 1038.5 | 1038.2 | 1040.9 | 1043.8 | 1047.7 | 1053.0 | 1058.0 |
| 10° | 995.8 | 992.1 | 990.9 | 991.5 | 990.9 | 992.1 | 995.8 | 1003.1 | 1005.5 | 1010.3 | 1015.7 |
| 12.5° | 958.4 | 957.7 | 949.7 | 949.8 | 949.7 | 957.7 | 958.4 | 960.3 | 965.6 | 975.9 | 982.3 |
| 15° | 914.4 | 902.9 | 901.7 | 905.4 | 901.7 | 902.9 | 914.4 | 914.4 | 916.9 | 924.8 | 928.4 |
| 17.5° | 870.4 | 864.3 | 864.7 | 862.9 | 864.7 | 864.3 | 870.4 | 871.4 | 873.3 | 879.8 | 884.6 |
| 20° | 847.1 | 843.5 | 842.8 | 838.6 | 842.8 | 843.5 | 847.1 | 847.1 | 849.5 | 852.6 | 857.4 |
| 22.5° | 825.7 | 824.6 | 824.9 | 820.2 | 824.9 | 824.6 | 825.7 | 827.2 | 829.6 | 831.7 | 835.1 |
| 25° | 799.2 | 802.2 | 799.8 | 799.8 | 799.8 | 802.2 | 799.2 | 799.8 | 800.4 | 803.4 | 805.8 |
| 27.5° | 781.2 | 781.0 | 779.9 | 779.9 | 779.9 | 781.0 | 781.2 | 779.7 | 779.0 | 777.9 | 777.4 |
| 30° | 767.6 | 767.0 | 768.2 | 768.2 | 768.2 | 767.0 | 767.6 | 765.2 | 763.9 | 763.4 | 760.9 |
| 32.5° | 754.0 | 754.8 | 755.1 | 755.5 | 755.1 | 754.8 | 754.0 | 751.1 | 748.9 | 747.3 | 745.4 |
| 35° | 733.0 | 733.6 | 735.5 | 734.2 | 735.5 | 733.6 | 733.0 | 729.4 | 726.9 | 723.3 | 720.2 |
| 37.5° | 704.6 | 707.4 | 706.8 | 707.8 | 706.8 | 707.4 | 704.6 | 703.6 | 701.1 | 698.3 | 694.8 |
| 40° | 683.2 | 685.1 | 684.5 | 684.5 | 684.5 | 685.1 | 683.2 | 682.7 | 680.2 | 678.4 | 675.4 |
| 42.5° | 661.4 | 662.7 | 661.2 | 660.2 | 661.2 | 662.7 | 661.4 | 660.3 | 658.9 | 655.6 | 652.1 |
| 45° | 625.6 | 624.4 | 626.2 | 623.8 | 626.2 | 624.4 | 625.6 | 623.2 | 622.6 | 620.2 | 617.2 |
| 47.5° | 585.6 | 586.7 | 587.3 | 589.1 | 587.3 | 586.7 | 585.6 | 585.8 | 582.4 | 580.9 | 580.0 |
| 50° | 558.8 | 562.5 | 562.5 | 561.9 | 562.5 | 562.5 | 558.8 | 557.7 | 555.2 | 552.8 | 552.8 |
| 52.5° | 532.6 | 534.3 | 536.8 | 536.6 | 536.8 | 534.3 | 532.6 | 530.5 | 528.1 | 524.7 | 523.7 |
| 55° | 492.1 | 493.3 | 494.5 | 495.2 | 494.5 | 493.3 | 492.1 | 487.2 | 485.4 | 483.7 | 480.5 |
| 57.5° | 450.1 | 449.6 | 452.5 | 453.4 | 452.5 | 449.6 | 450.1 | 445.8 | 443.0 | 437.4 | 436.7 |
| 60° | 420.5 | 420.5 | 425.3 | 427.2 | 425.3 | 420.5 | 420.5 | 415.6 | 411.4 | 407.8 | 406.5 |
| 62.5° | 389.0 | 390.9 | 395.7 | 393.2 | 395.7 | 390.9 | 389.0 | 383.6 | 380.3 | 375.8 | 372.6 |
| 65° | 342.9 | 347.7 | 347.1 | 349.6 | 347.1 | 347.7 | 342.9 | 339.8 | 333.1 | 328.9 | 325.2 |
| 67.5° | 294.6 | 297.7 | 302.0 | 302.5 | 302.0 | 297.7 | 294.6 | 289.8 | 285.4 | 281.0 | 276.6 |
| 70° | 262.2 | 265.2 | 267.6 | 269.4 | 267.6 | 265.2 | 262.2 | 257.3 | 252.4 | 249.4 | 244.5 |
| 72.5° | 230.6 | 232.2 | 238.0 | 235.4 | 238.0 | 232.2 | 230.6 | 224.8 | 220.9 | 218.3 | 213.0 |
| 75° | 180.8 | 185.0 | 188.7 | 186.9 | 188.7 | 185.0 | 180.8 | 176.6 | 173.5 | 169.9 | 165.1 |
| 77.5° | 133.8 | 137.9 | 139.6 | 138.1 | 139.6 | 137.9 | 133.8 | 131.0 | 129.4 | 122.3 | 121.7 |
| 80° | 105.6 | 105.0 | 108.6 | 108.0 | 108.6 | 105.0 | 105.6 | 101.3 | 98.3 | 94.1 | 94.1 |
| 82.5° | 77.4 | 76.9 | 78.6 | 78.9 | 78.6 | 76.9 | 77.4 | 75.1 | 71.2 | 69.3 | 67.9 |
| 85° | 37.6 | 39.4 | 37.0 | 36.4 | 37.0 | 39.4 | 37.6 | 35.2 | 35.2 | 35.2 | 34.6 |
| 87.5° | 14.5 | 14.7 | 14.4 | 13.7 | 14.4 | 14.7 | 14.5 | 14.7 | 16.3 | 14.6 | 14.4 |
| 90° | 29.0 | 30.1 | 31.1 | 30.1 | 31.1 | 30.1 | 29.0 | 30.1 | 28.0 | 26.9 | 25.9 |
| 92.5° | 53.9 | 50.7 | 51.8 | 49.9 | 51.8 | 50.7 | 53.9 | 55.7 | 61.1 | 69.2 | 87.2 |
| 95° | 140.9 | 131.6 | 124.3 | 120.2 | 124.3 | 131.6 | 140.9 | 160.6 | 197.9 | 252.8 | 373.0 |
| 97.5° | 410.7 | 364.1 | 336.1 | 327.2 | 336.1 | 364.1 | 410.7 | 487.1 | 611.1 | 744.7 | 929.7 |
| 100° | 764.6 | 688.9 | 648.5 | 649.6 | 648.5 | 688.9 | 764.6 | 869.2 | 1016.4 | 1137.6 | 1221.5 |
| 102.5° | 1070.4 | 1010.6 | 976.8 | 953.0 | 976.8 | 1010.6 | 1070.4 | 1151.8 | 1245.1 | 1315.7 | 1318.5 |
| 105° | 1395.5 | 1356.2 | 1323.0 | 1317.9 | 1323.0 | 1356.2 | 1395.5 | 1443.2 | 1470.2 | 1450.5 | 1346.8 |
| 107.5° | 1561.9 | 1548.6 | 1537.5 | 1527.9 | 1537.5 | 1548.6 | 1561.9 | 1561.1 | 1524.2 | 1433.4 | 1265.2 |
| 110° | 1610.0 | 1618.3 | 1616.2 | 1614.2 | 1616.2 | 1618.3 | 1610.0 | 1581.0 | 1508.5 | 1378.0 | 1187.3 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1597.6 | 1623.3 | 1631.1 | 1631.6 | 1631.1 | 1623.3 | 1597.6 | 1544.5 | 1451.3 | 1305.0 | 1110.2 |
| 115° | 1531.2 | 1576.8 | 1597.6 | 1602.8 | 1597.6 | 1576.8 | 1531.2 | 1453.6 | 1340.6 | 1188.3 | 1008.1 |
| 117.5° | 1422.1 | 1474.3 | 1504.1 | 1511.2 | 1504.1 | 1474.3 | 1422.1 | 1341.0 | 1226.5 | 1089.7 | 934.1 |
| 120° | 1345.8 | 1403.8 | 1428.7 | 1434.9 | 1428.7 | 1403.8 | 1345.8 | 1264.0 | 1159.3 | 1035.0 | 895.1 |
| 122.5° | 1276.2 | 1328.4 | 1355.8 | 1363.6 | 1355.8 | 1328.4 | 1276.2 | 1203.5 | 1106.3 | 991.0 | 864.4 |
| 125° | 1185.3 | 1230.8 | 1256.7 | 1264.0 | 1256.7 | 1230.8 | 1185.3 | 1118.9 | 1036.0 | 936.6 | 823.7 |
| 127.5° | 1112.9 | 1151.8 | 1175.3 | 1181.9 | 1175.3 | 1151.8 | 1112.9 | 1053.8 | 978.4 | 888.7 | 788.0 |
| 130° | 1068.2 | 1105.5 | 1127.2 | 1135.5 | 1127.2 | 1105.5 | 1068.2 | 1013.3 | 942.8 | 858.9 | 765.6 |
| 132.5° | 1027.5 | 1064.8 | 1084.1 | 1089.9 | 1084.1 | 1064.8 | 1027.5 | 976.0 | 908.8 | 830.7 | 744.9 |
| 135° | 967.7 | 998.7 | 1017.4 | 1024.7 | 1017.4 | 998.7 | 967.7 | 916.9 | 857.8 | 790.5 | 716.9 |
| 137.5° | 903.7 | 935.1 | 950.8 | 955.6 | 950.8 | 935.1 | 903.7 | 860.9 | 809.8 | 751.7 | 691.4 |
| 140° | 863.0 | 892.1 | 908.6 | 907.6 | 908.6 | 892.1 | 863.0 | 823.7 | 779.1 | 729.3 | 676.5 |
| 142.5° | 823.2 | 848.9 | 863.8 | 862.8 | 863.8 | 848.9 | 823.2 | 789.7 | 750.9 | 707.8 | 662.5 |
| 145° | 768.7 | 790.5 | 798.8 | 800.8 | 798.8 | 790.5 | 768.7 | 742.8 | 712.8 | 679.7 | 645.4 |
| 147.5° | 726.5 | 741.2 | 749.0 | 749.8 | 749.0 | 741.2 | 726.5 | 706.8 | 685.5 | 658.7 | 631.6 |
| 150° | 702.4 | 713.8 | 720.1 | 720.1 | 720.1 | 713.8 | 702.4 | 686.9 | 667.2 | 645.4 | 621.6 |
| 152.5° | 680.9 | 691.4 | 695.2 | 695.2 | 695.2 | 691.4 | 680.9 | 668.7 | 652.3 | 633.0 | 612.5 |
| 155° | 652.7 | 661.0 | 663.1 | 664.1 | 663.1 | 661.0 | 652.7 | 643.4 | 631.0 | 615.4 | 598.8 |
| 157.5° | 628.0 | 634.3 | 635.9 | 635.7 | 635.9 | 634.3 | 628.0 | 619.9 | 610.2 | 598.2 | 584.3 |
| 160° | 612.3 | 618.5 | 618.5 | 617.5 | 618.5 | 618.5 | 612.3 | 605.0 | 597.8 | 587.5 | 576.0 |
| 162.5° | 596.6 | 601.9 | 601.9 | 600.9 | 601.9 | 601.9 | 596.6 | 591.7 | 585.3 | 575.9 | 566.1 |
| 165° | 576.0 | 580.1 | 579.2 | 579.2 | 579.2 | 580.1 | 576.0 | 571.9 | 566.7 | 559.5 | 553.2 |
| 167.5° | 556.5 | 559.5 | 558.4 | 558.4 | 558.4 | 559.5 | 556.5 | 554.7 | 551.0 | 546.8 | 542.1 |
| 170° | 544.9 | 547.1 | 546.0 | 546.0 | 546.0 | 547.1 | 544.9 | 543.9 | 541.8 | 537.7 | 534.6 |
| 172.5° | 535.0 | 537.1 | 535.2 | 534.4 | 535.2 | 537.1 | 535.0 | 534.8 | 533.6 | 530.2 | 528.0 |
| 175° | 522.2 | 523.2 | 522.2 | 521.1 | 522.2 | 523.2 | 522.2 | 522.2 | 522.2 | 520.0 | 519.1 |
| 177.5° | 514.2 | 515.1 | 513.4 | 513.4 | 513.4 | 515.1 | 514.2 | 515.1 | 515.1 | 514.2 | 513.4 |
| 180° | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 |
| 2.5° | 1201.0 | 1201.0 | 1210.2 | 1216.0 | 1223.3 | 1228.2 | 1231.5 | 1234.9 | 1240.8 | 1248.6 | 1257.3 |
| 5° | 1132.3 | 1134.7 | 1148.1 | 1161.5 | 1174.2 | 1185.1 | 1194.2 | 1205.1 | 1218.4 | 1234.8 | 1253.0 |
| 7.5° | 1065.8 | 1075.1 | 1088.6 | 1104.8 | 1122.7 | 1138.6 | 1154.8 | 1172.7 | 1191.5 | 1215.7 | 1241.2 |
| 10° | 1023.1 | 1033.4 | 1049.7 | 1070.4 | 1089.2 | 1108.0 | 1128.0 | 1147.5 | 1171.1 | 1199.6 | 1232.4 |
| 12.5° | 985.7 | 995.5 | 1012.4 | 1034.9 | 1052.8 | 1073.5 | 1096.4 | 1121.8 | 1148.3 | 1182.7 | 1219.8 |
| 15° | 933.9 | 945.4 | 966.0 | 977.0 | 1004.2 | 1029.1 | 1050.3 | 1086.8 | 1120.8 | 1155.9 | 1199.1 |
| 17.5° | 891.4 | 897.9 | 914.5 | 934.9 | 955.2 | 983.1 | 1010.9 | 1041.3 | 1075.1 | 1118.2 | 1172.1 |
| 20° | 862.3 | 867.7 | 885.9 | 907.1 | 929.0 | 954.5 | 979.4 | 1009.7 | 1047.9 | 1093.4 | 1151.7 |
| 22.5° | 840.4 | 846.3 | 858.3 | 880.9 | 901.3 | 922.5 | 947.4 | 983.5 | 1024.1 | 1068.7 | 1131.8 |
| 25° | 808.9 | 812.5 | 820.4 | 838.6 | 856.8 | 880.5 | 902.3 | 936.3 | 978.2 | 1030.4 | 1093.4 |
| 27.5° | 778.9 | 782.4 | 789.0 | 802.1 | 819.0 | 838.2 | 862.0 | 890.9 | 933.4 | 990.1 | 1057.0 |
| 30° | 760.9 | 761.5 | 767.6 | 779.7 | 794.3 | 810.1 | 832.0 | 864.7 | 904.7 | 962.4 | 1032.8 |
| 32.5° | 745.4 | 743.1 | 747.3 | 756.4 | 770.5 | 786.3 | 804.2 | 836.5 | 875.1 | 931.8 | 1004.2 |
| 35° | 719.1 | 717.8 | 716.0 | 723.9 | 736.0 | 748.1 | 763.9 | 788.3 | 832.0 | 884.8 | 960.6 |
| 37.5° | 692.2 | 689.3 | 686.1 | 689.6 | 699.2 | 711.8 | 725.5 | 747.1 | 784.7 | 842.8 | 915.4 |
| 40° | 672.3 | 669.9 | 668.1 | 666.9 | 675.4 | 687.5 | 697.9 | 718.5 | 753.7 | 808.9 | 880.5 |
| 42.5° | 650.5 | 649.1 | 646.8 | 645.1 | 652.1 | 661.3 | 672.1 | 690.3 | 725.5 | 777.3 | 845.1 |
| 45° | 615.3 | 614.1 | 612.9 | 611.6 | 615.9 | 624.4 | 632.9 | 646.2 | 676.5 | 726.9 | 788.3 |
| 47.5° | 576.1 | 574.5 | 575.0 | 573.1 | 577.2 | 582.9 | 588.8 | 603.2 | 632.3 | 673.0 | 717.7 |
| 50° | 548.0 | 547.3 | 547.3 | 547.3 | 548.6 | 555.2 | 560.7 | 571.6 | 598.3 | 639.0 | 671.1 |
| 52.5° | 521.2 | 518.7 | 518.7 | 519.7 | 521.8 | 526.1 | 529.6 | 541.5 | 564.8 | 598.2 | 627.4 |
| 55° | 479.4 | 474.5 | 473.3 | 474.5 | 476.4 | 480.0 | 483.7 | 493.3 | 513.4 | 538.2 | 555.2 |
| 57.5° | 433.0 | 430.3 | 428.7 | 429.0 | 430.0 | 432.9 | 435.7 | 446.2 | 462.0 | 475.0 | 485.9 |
| 60° | 400.5 | 401.7 | 396.3 | 397.4 | 397.4 | 399.8 | 404.1 | 410.8 | 424.2 | 433.3 | 444.2 |
| 62.5° | 369.9 | 368.2 | 366.7 | 364.9 | 364.9 | 365.9 | 371.6 | 376.8 | 388.3 | 393.0 | 401.4 |
| 65° | 322.2 | 322.2 | 318.6 | 319.8 | 320.4 | 316.1 | 319.1 | 325.2 | 332.5 | 334.4 | 342.2 |
| 67.5° | 273.9 | 272.2 | 270.2 | 268.3 | 268.3 | 268.0 | 269.6 | 272.6 | 278.0 | 278.7 | 284.7 |
| 70° | 240.9 | 239.7 | 239.1 | 237.3 | 234.9 | 237.9 | 236.0 | 239.1 | 242.1 | 242.7 | 246.4 |
| 72.5° | 208.8 | 207.7 | 206.5 | 204.7 | 203.8 | 203.4 | 203.5 | 207.1 | 209.1 | 208.2 | 212.4 |
| 75° | 163.3 | 162.0 | 160.8 | 157.7 | 157.7 | 156.0 | 156.6 | 159.0 | 161.4 | 159.6 | 163.3 |
| 77.5° | 119.9 | 116.1 | 115.9 | 116.7 | 114.7 | 115.0 | 114.3 | 114.0 | 115.0 | 115.2 | 118.4 |
| 80° | 92.2 | 88.0 | 89.2 | 88.6 | 88.0 | 87.4 | 86.1 | 86.8 | 87.4 | 88.0 | 89.8 |
| 82.5° | 66.5 | 66.2 | 64.9 | 64.8 | 64.2 | 62.6 | 61.9 | 63.0 | 63.6 | 63.2 | 64.6 |
| 85° | 34.0 | 32.2 | 33.3 | 32.7 | 33.3 | 32.7 | 30.9 | 30.9 | 32.2 | 31.6 | 32.7 |
| 87.5° | 15.2 | 15.3 | 14.3 | 14.1 | 13.0 | 12.9 | 11.9 | 12.0 | 11.9 | 11.5 | 12.0 |
| 90° | 24.9 | 25.9 | 22.8 | 19.7 | 16.6 | 13.5 | 11.4 | 9.4 | 6.2 | 4.1 | 2.1 |
| 92.5° | 120.2 | 159.3 | 175.3 | 131.6 | 87.0 | 59.9 | 44.6 | 35.8 | 27.7 | 19.1 | 12.8 |
| 95° | 498.3 | 614.4 | 547.1 | 377.1 | 222.7 | 134.6 | 94.3 | 67.3 | 49.8 | 38.3 | 35.2 |
| 97.5° | 1018.6 | 952.1 | 697.1 | 413.8 | 239.8 | 155.6 | 111.9 | 85.3 | 70.0 | 61.1 | 60.1 |
| 100° | 1185.3 | 981.1 | 663.1 | 390.6 | 237.3 | 164.7 | 124.3 | 99.4 | 85.0 | 77.7 | 76.7 |
| 102.5° | 1193.5 | 927.3 | 613.3 | 370.7 | 240.6 | 175.5 | 138.4 | 116.0 | 102.4 | 95.9 | 94.1 |
| 105° | 1130.3 | 832.9 | 552.2 | 356.4 | 249.7 | 193.8 | 161.6 | 142.0 | 129.5 | 123.3 | 120.2 |
| 107.5° | 1019.7 | 749.7 | 513.3 | 355.3 | 266.7 | 217.6 | 187.7 | 169.2 | 157.0 | 151.1 | 147.9 |
| 110° | 950.0 | 702.4 | 498.3 | 359.5 | 280.8 | 234.2 | 205.1 | 187.5 | 176.1 | 170.9 | 167.8 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 889.6 | 670.9 | 490.1 | 367.8 | 294.9 | 251.6 | 223.4 | 205.7 | 194.4 | 189.2 | 186.1 |
| 115° | 816.4 | 637.1 | 487.0 | 381.3 | 318.1 | 278.7 | 250.7 | 233.1 | 222.7 | 216.5 | 212.4 |
| 117.5° | 772.2 | 617.2 | 488.8 | 399.0 | 342.7 | 303.8 | 277.9 | 258.2 | 248.6 | 243.4 | 238.7 |
| 120° | 749.0 | 608.1 | 492.1 | 412.3 | 358.5 | 321.2 | 295.2 | 275.6 | 265.2 | 260.0 | 256.9 |
| 122.5° | 730.0 | 602.4 | 497.9 | 424.8 | 375.1 | 338.6 | 311.0 | 292.1 | 281.0 | 275.8 | 272.7 |
| 125° | 705.5 | 594.7 | 506.6 | 444.4 | 398.9 | 362.6 | 334.7 | 315.0 | 303.5 | 297.4 | 295.2 |
| 127.5° | 684.0 | 590.9 | 516.6 | 460.7 | 419.5 | 384.6 | 356.6 | 334.8 | 323.2 | 315.6 | 312.5 |
| 130° | 672.3 | 588.4 | 523.2 | 471.4 | 432.0 | 397.8 | 369.9 | 348.1 | 335.6 | 326.4 | 323.2 |
| 132.5° | 661.6 | 587.6 | 528.2 | 481.3 | 442.8 | 409.5 | 382.3 | 360.5 | 345.6 | 335.5 | 331.5 |
| 135° | 647.6 | 586.4 | 535.7 | 494.2 | 459.0 | 426.9 | 398.9 | 377.1 | 361.6 | 350.2 | 346.1 |
| 137.5° | 635.3 | 584.1 | 540.6 | 503.7 | 470.1 | 439.3 | 413.4 | 391.8 | 375.2 | 364.1 | 359.7 |
| 140° | 627.9 | 583.3 | 543.9 | 508.7 | 477.6 | 447.5 | 421.7 | 400.9 | 384.3 | 374.0 | 368.8 |
| 142.5° | 621.2 | 581.7 | 546.4 | 513.6 | 483.4 | 454.2 | 430.0 | 409.2 | 394.3 | 383.2 | 378.8 |
| 145° | 612.3 | 579.2 | 548.0 | 519.1 | 491.1 | 464.1 | 440.3 | 422.7 | 407.2 | 397.8 | 394.8 |
| 147.5° | 603.6 | 575.2 | 548.0 | 522.4 | 497.3 | 472.6 | 452.4 | 435.3 | 421.9 | 412.8 | 410.9 |
| 150° | 597.8 | 571.9 | 548.0 | 523.2 | 501.4 | 477.6 | 459.0 | 444.4 | 431.0 | 422.7 | 421.7 |
| 152.5° | 591.2 | 567.8 | 545.5 | 524.9 | 503.9 | 483.4 | 465.6 | 452.7 | 441.0 | 432.7 | 432.5 |
| 155° | 581.2 | 560.5 | 542.9 | 525.3 | 508.7 | 491.1 | 476.5 | 465.2 | 454.9 | 448.6 | 448.6 |
| 157.5° | 570.0 | 554.1 | 539.4 | 526.3 | 511.4 | 497.3 | 486.1 | 476.4 | 467.3 | 462.3 | 461.5 |
| 160° | 562.6 | 549.1 | 537.7 | 526.3 | 513.9 | 501.4 | 491.1 | 483.8 | 475.5 | 471.4 | 471.4 |
| 162.5° | 555.1 | 544.1 | 534.4 | 525.5 | 514.7 | 503.9 | 495.3 | 488.8 | 482.1 | 478.8 | 478.8 |
| 165° | 544.9 | 536.6 | 529.4 | 523.2 | 515.9 | 507.7 | 500.4 | 496.2 | 491.1 | 489.0 | 490.1 |
| 167.5° | 535.2 | 529.2 | 524.4 | 521.6 | 515.8 | 509.7 | 505.2 | 502.3 | 498.3 | 497.3 | 498.6 |
| 170° | 529.4 | 524.2 | 521.1 | 519.1 | 514.9 | 509.7 | 507.7 | 505.6 | 502.5 | 501.4 | 503.5 |
| 172.5° | 523.6 | 520.0 | 518.6 | 518.3 | 514.9 | 510.6 | 509.3 | 508.1 | 505.8 | 505.6 | 506.8 |
| 175° | 517.0 | 514.9 | 514.9 | 515.9 | 513.9 | 511.8 | 510.8 | 510.8 | 508.7 | 509.7 | 510.8 |
| 177.5° | 512.6 | 511.8 | 512.6 | 514.2 | 512.6 | 511.8 | 511.8 | 511.8 | 511.0 | 511.8 | 512.6 |
| 180° | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 |
| 2.5° | 1260.2 | 1262.7 | 1270.9 | 1276.8 | 1283.5 | 1287.4 | 1291.3 | 1294.2 | 1298.1 | 1299.0 | 1313.1 |
| 5° | 1265.8 | 1277.9 | 1299.1 | 1314.9 | 1334.4 | 1355.6 | 1370.1 | 1376.8 | 1394.5 | 1409.0 | 1438.2 |
| 7.5° | 1264.2 | 1290.0 | 1322.1 | 1355.3 | 1391.1 | 1424.1 | 1452.7 | 1486.7 | 1510.8 | 1547.1 | 1582.9 |
| 10° | 1262.8 | 1297.4 | 1338.6 | 1381.1 | 1430.8 | 1476.9 | 1518.2 | 1564.3 | 1602.6 | 1653.0 | 1696.0 |
| 12.5° | 1258.4 | 1300.3 | 1357.5 | 1407.7 | 1468.2 | 1531.8 | 1593.0 | 1652.2 | 1686.0 | 1770.0 | 1809.6 |
| 15° | 1247.6 | 1297.4 | 1369.0 | 1445.4 | 1528.6 | 1603.7 | 1681.4 | 1743.4 | 1843.4 | 1916.9 | 1963.6 |
| 17.5° | 1227.0 | 1296.6 | 1381.5 | 1473.8 | 1574.9 | 1674.0 | 1762.0 | 1856.0 | 1962.1 | 2051.0 | 2145.6 |
| 20° | 1217.3 | 1293.7 | 1388.4 | 1490.3 | 1595.3 | 1707.5 | 1807.7 | 1920.6 | 2036.4 | 2123.8 | 2245.1 |
| 22.5° | 1199.3 | 1285.9 | 1387.9 | 1501.5 | 1613.7 | 1729.8 | 1847.0 | 1960.8 | 2094.7 | 2215.1 | 2330.6 |
| 25° | 1169.9 | 1267.0 | 1372.6 | 1499.4 | 1631.1 | 1747.6 | 1887.8 | 2038.9 | 2178.4 | 2333.2 | 2448.5 |
| 27.5° | 1139.1 | 1242.7 | 1348.5 | 1466.5 | 1608.1 | 1746.4 | 1922.7 | 2093.5 | 2264.1 | 2397.7 | 2483.1 |
| 30° | 1115.3 | 1216.0 | 1325.3 | 1444.2 | 1584.4 | 1748.8 | 1946.0 | 2132.3 | 2298.6 | 2413.2 | 2461.2 |
| 32.5° | 1089.6 | 1191.8 | 1288.3 | 1413.1 | 1562.5 | 1747.3 | 1960.6 | 2155.1 | 2300.5 | 2376.9 | 2367.5 |
| 35° | 1049.2 | 1134.7 | 1228.8 | 1348.9 | 1524.9 | 1736.7 | 1969.1 | 2157.1 | 2246.4 | 2230.0 | 2106.2 |
| 37.5° | 990.9 | 1062.8 | 1155.5 | 1287.0 | 1481.2 | 1714.2 | 1952.0 | 2093.2 | 2087.4 | 1954.0 | 1774.7 |
| 40° | 954.5 | 1015.7 | 1105.0 | 1243.3 | 1447.2 | 1699.7 | 1925.4 | 2017.0 | 1939.4 | 1753.0 | 1538.2 |
| 42.5° | 907.0 | 963.3 | 1052.6 | 1194.8 | 1409.9 | 1670.0 | 1874.4 | 1900.9 | 1749.0 | 1534.6 | 1337.7 |
| 45° | 833.1 | 882.9 | 975.1 | 1122.0 | 1353.8 | 1605.6 | 1750.0 | 1685.1 | 1480.6 | 1259.1 | 1109.2 |
| 47.5° | 753.9 | 805.6 | 894.3 | 1045.2 | 1272.7 | 1508.6 | 1577.4 | 1439.3 | 1229.4 | 1049.7 | 912.1 |
| 50° | 703.9 | 753.7 | 840.4 | 992.7 | 1217.8 | 1429.1 | 1457.5 | 1279.2 | 1086.2 | 928.4 | 815.6 |
| 52.5° | 653.4 | 700.3 | 785.6 | 938.3 | 1153.8 | 1336.8 | 1319.2 | 1137.4 | 959.9 | 825.5 | 736.9 |
| 55° | 578.3 | 622.6 | 703.9 | 847.1 | 1043.1 | 1188.1 | 1124.4 | 950.8 | 804.1 | 699.6 | 632.3 |
| 57.5° | 511.0 | 553.5 | 623.7 | 753.0 | 923.5 | 1023.1 | 942.0 | 795.8 | 679.0 | 598.7 | 548.4 |
| 60° | 465.4 | 503.0 | 569.8 | 689.9 | 838.0 | 913.8 | 833.7 | 704.5 | 606.2 | 541.9 | 497.0 |
| 62.5° | 422.2 | 455.0 | 516.8 | 625.9 | 754.5 | 818.2 | 737.2 | 627.8 | 544.0 | 487.1 | 448.9 |
| 65° | 356.8 | 386.6 | 441.1 | 526.1 | 631.7 | 674.1 | 604.4 | 515.8 | 450.8 | 408.4 | 382.9 |
| 67.5° | 297.1 | 322.4 | 369.5 | 436.4 | 514.1 | 545.0 | 491.9 | 423.3 | 374.4 | 340.3 | 320.0 |
| 70° | 257.3 | 279.1 | 316.1 | 373.8 | 444.2 | 467.9 | 418.1 | 361.7 | 325.8 | 298.5 | 279.7 |
| 72.5° | 223.8 | 239.8 | 273.4 | 318.0 | 376.7 | 395.5 | 360.8 | 311.2 | 277.8 | 257.3 | 242.4 |
| 75° | 170.5 | 183.9 | 205.7 | 241.5 | 282.1 | 293.1 | 267.0 | 236.0 | 213.6 | 199.0 | 187.5 |
| 77.5° | 123.0 | 132.8 | 148.6 | 170.7 | 198.8 | 208.7 | 192.1 | 171.5 | 155.1 | 145.3 | 138.8 |
| 80° | 92.8 | 100.8 | 114.0 | 132.2 | 149.3 | 154.7 | 145.0 | 129.2 | 117.7 | 112.3 | 106.8 |
| 82.5° | 68.6 | 73.0 | 81.1 | 93.5 | 105.1 | 111.6 | 103.3 | 93.8 | 87.7 | 82.7 | 80.6 |
| 85° | 34.6 | 37.0 | 40.7 | 45.5 | 52.8 | 55.2 | 52.2 | 49.8 | 46.1 | 43.1 | 43.1 |
| 87.5° | 13.5 | 13.8 | 16.0 | 17.3 | 19.7 | 21.8 | 21.9 | 21.6 | 21.7 | 21.0 | 20.7 |
| 90° | 4.1 | 6.2 | 9.4 | 11.4 | 13.5 | 16.6 | 19.7 | 22.8 | 25.9 | 24.9 | 25.9 |
| 92.5° | 19.1 | 27.7 | 35.8 | 44.6 | 59.9 | 87.0 | 131.6 | 175.3 | 159.3 | 120.2 | 87.2 |
| 95° | 38.3 | 49.8 | 67.3 | 94.3 | 134.6 | 222.7 | 377.1 | 547.1 | 614.4 | 498.3 | 373.0 |
| 97.5° | 61.1 | 70.0 | 85.3 | 111.9 | 155.6 | 239.8 | 413.8 | 697.1 | 952.1 | 1018.6 | 929.7 |
| 100° | 77.7 | 85.0 | 99.4 | 124.3 | 164.7 | 237.3 | 390.6 | 663.1 | 981.1 | 1185.3 | 1221.5 |
| 102.5° | 95.9 | 102.4 | 116.0 | 138.4 | 175.5 | 240.6 | 370.7 | 613.3 | 927.3 | 1193.5 | 1318.5 |
| 105° | 123.3 | 129.5 | 142.0 | 161.6 | 193.8 | 249.7 | 356.4 | 552.2 | 832.9 | 1130.3 | 1346.8 |
| 107.5° | 151.1 | 157.0 | 169.2 | 187.7 | 217.6 | 266.7 | 355.3 | 513.3 | 749.7 | 1019.7 | 1265.2 |
| 110° | 170.9 | 176.1 | 187.5 | 205.1 | 234.2 | 280.8 | 359.5 | 498.3 | 702.4 | 950.0 | 1187.3 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 189.2 | 194.4 | 205.7 | 223.4 | 251.6 | 294.9 | 367.8 | 490.1 | 670.9 | 889.6 | 1110.2 |
| 115° | 216.5 | 222.7 | 233.1 | 250.7 | 278.7 | 318.1 | 381.3 | 487.0 | 637.1 | 816.4 | 1008.1 |
| 117.5° | 243.4 | 248.6 | 258.2 | 277.9 | 303.8 | 342.7 | 399.0 | 488.8 | 617.2 | 772.2 | 934.1 |
| 120° | 260.0 | 265.2 | 275.6 | 295.2 | 321.2 | 358.5 | 412.3 | 492.1 | 608.1 | 749.0 | 895.1 |
| 122.5° | 275.8 | 281.0 | 292.1 | 311.0 | 338.6 | 375.1 | 424.8 | 497.9 | 602.4 | 730.0 | 864.4 |
| 125° | 297.4 | 303.5 | 315.0 | 334.7 | 362.6 | 398.9 | 444.4 | 506.6 | 594.7 | 705.5 | 823.7 |
| 127.5° | 315.6 | 323.2 | 334.8 | 356.6 | 384.6 | 419.5 | 460.7 | 516.6 | 590.9 | 684.0 | 788.0 |
| 130° | 326.4 | 335.6 | 348.1 | 369.9 | 397.8 | 432.0 | 471.4 | 523.2 | 588.4 | 672.3 | 765.6 |
| 132.5° | 335.5 | 345.6 | 360.5 | 382.3 | 409.5 | 442.8 | 481.3 | 528.2 | 587.6 | 661.6 | 744.9 |
| 135° | 350.2 | 361.6 | 377.1 | 398.9 | 426.9 | 459.0 | 494.2 | 535.7 | 586.4 | 647.6 | 716.9 |
| 137.5° | 364.1 | 375.2 | 391.8 | 413.4 | 439.3 | 470.1 | 503.7 | 540.6 | 584.1 | 635.3 | 691.4 |
| 140° | 374.0 | 384.3 | 400.9 | 421.7 | 447.5 | 477.6 | 508.7 | 543.9 | 583.3 | 627.9 | 676.5 |
| 142.5° | 383.2 | 394.3 | 409.2 | 430.0 | 454.2 | 483.4 | 513.6 | 546.4 | 581.7 | 621.2 | 662.5 |
| 145° | 397.8 | 407.2 | 422.7 | 440.3 | 464.1 | 491.1 | 519.1 | 548.0 | 579.2 | 612.3 | 645.4 |
| 147.5° | 412.8 | 421.9 | 435.3 | 452.4 | 472.6 | 497.3 | 522.4 | 548.0 | 575.2 | 603.6 | 631.6 |
| 150° | 422.7 | 431.0 | 444.4 | 459.0 | 477.6 | 501.4 | 523.2 | 548.0 | 571.9 | 597.8 | 621.6 |
| 152.5° | 432.7 | 441.0 | 452.7 | 465.6 | 483.4 | 503.9 | 524.9 | 545.5 | 567.8 | 591.2 | 612.5 |
| 155° | 448.6 | 454.9 | 465.2 | 476.5 | 491.1 | 508.7 | 525.3 | 542.9 | 560.5 | 581.2 | 598.8 |
| 157.5° | 462.3 | 467.3 | 476.4 | 486.1 | 497.3 | 511.4 | 526.3 | 539.4 | 554.1 | 570.0 | 584.3 |
| 160° | 471.4 | 475.5 | 483.8 | 491.1 | 501.4 | 513.9 | 526.3 | 537.7 | 549.1 | 562.6 | 576.0 |
| 162.5° | 478.8 | 482.1 | 488.8 | 495.3 | 503.9 | 514.7 | 525.5 | 534.4 | 544.1 | 555.1 | 566.1 |
| 165° | 489.0 | 491.1 | 496.2 | 500.4 | 507.7 | 515.9 | 523.2 | 529.4 | 536.6 | 544.9 | 553.2 |
| 167.5° | 497.3 | 498.3 | 502.3 | 505.2 | 509.7 | 515.8 | 521.6 | 524.4 | 529.2 | 535.2 | 542.1 |
| 170° | 501.4 | 502.5 | 505.6 | 507.7 | 509.7 | 514.9 | 519.1 | 521.1 | 524.2 | 529.4 | 534.6 |
| 172.5° | 505.6 | 505.8 | 508.1 | 509.3 | 510.6 | 514.9 | 518.3 | 518.6 | 520.0 | 523.6 | 528.0 |
| 175° | 509.7 | 508.7 | 510.8 | 510.8 | 511.8 | 513.9 | 515.9 | 514.9 | 514.9 | 517.0 | 519.1 |
| 177.5° | 511.8 | 511.0 | 511.8 | 511.8 | 511.8 | 512.6 | 514.2 | 512.6 | 511.8 | 512.6 | 513.4 |
| 180° | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 | 1252.4 |
| 2.5° | 1317.9 | 1318.5 | 1323.8 | 1327.7 | 1325.7 | 1328.2 | 1329.1 |
| 5° | 1439.9 | 1461.8 | 1473.3 | 1481.8 | 1482.4 | 1483.0 | 1487.9 |
| 7.5° | 1612.8 | 1636.3 | 1653.4 | 1679.4 | 1687.1 | 1696.0 | 1693.4 |
| 10° | 1739.1 | 1773.7 | 1803.4 | 1819.2 | 1836.2 | 1861.1 | 1841.0 |
| 12.5° | 1857.1 | 1918.3 | 1963.6 | 1988.2 | 2004.1 | 2009.1 | 1999.3 |
| 15° | 2051.6 | 2131.7 | 2174.8 | 2173.5 | 2228.2 | 2251.8 | 2214.8 |
| 17.5° | 2230.0 | 2303.9 | 2363.1 | 2393.4 | 2439.0 | 2449.1 | 2444.4 |
| 20° | 2339.2 | 2419.9 | 2466.0 | 2518.2 | 2541.9 | 2563.1 | 2566.8 |
| 22.5° | 2433.4 | 2505.9 | 2555.4 | 2598.8 | 2618.6 | 2628.7 | 2634.7 |
| 25° | 2530.3 | 2587.4 | 2617.2 | 2632.3 | 2637.8 | 2636.5 | 2628.7 |
| 27.5° | 2523.7 | 2528.1 | 2495.3 | 2463.2 | 2434.4 | 2402.0 | 2390.8 |
| 30° | 2458.2 | 2407.2 | 2316.1 | 2264.6 | 2188.7 | 2128.7 | 2152.9 |
| 32.5° | 2285.8 | 2184.3 | 2082.1 | 1969.4 | 1876.1 | 1849.5 | 1822.8 |
| 35° | 1950.9 | 1772.5 | 1668.1 | 1546.8 | 1498.2 | 1449.7 | 1416.3 |
| 37.5° | 1578.3 | 1440.3 | 1316.5 | 1237.2 | 1188.5 | 1157.8 | 1141.3 |
| 40° | 1364.7 | 1240.3 | 1138.4 | 1074.1 | 1037.1 | 1002.5 | 997.6 |
| 42.5° | 1194.3 | 1078.6 | 1001.9 | 950.7 | 915.2 | 900.4 | 889.8 |
| 45° | 978.2 | 897.4 | 845.9 | 809.5 | 785.8 | 776.7 | 764.6 |
| 47.5° | 828.0 | 770.9 | 732.2 | 707.4 | 689.6 | 682.8 | 681.8 |
| 50° | 744.0 | 696.6 | 668.1 | 648.6 | 634.7 | 632.3 | 622.6 |
| 52.5° | 680.8 | 639.8 | 617.6 | 600.7 | 590.6 | 583.7 | 580.9 |
| 55° | 591.0 | 563.7 | 543.7 | 534.0 | 526.1 | 519.4 | 519.4 |
| 57.5° | 517.1 | 494.3 | 481.1 | 472.8 | 470.4 | 465.7 | 462.6 |
| 60° | 471.4 | 452.1 | 441.8 | 434.4 | 429.6 | 430.3 | 424.7 |
| 62.5° | 426.9 | 414.2 | 404.4 | 397.1 | 391.3 | 391.4 | 391.7 |
| 65° | 363.5 | 353.7 | 346.5 | 344.0 | 340.5 | 336.2 | 337.4 |
| 67.5° | 308.0 | 298.9 | 293.2 | 289.1 | 287.8 | 285.5 | 289.1 |
| 70° | 268.2 | 261.5 | 257.3 | 253.6 | 252.4 | 253.1 | 256.1 |
| 72.5° | 231.8 | 227.0 | 224.3 | 222.6 | 219.9 | 220.0 | 222.1 |
| 75° | 182.0 | 178.4 | 175.9 | 174.2 | 173.5 | 173.5 | 173.5 |
| 77.5° | 133.8 | 132.9 | 131.8 | 129.1 | 129.2 | 130.0 | 130.1 |
| 80° | 105.6 | 103.8 | 103.2 | 101.9 | 100.1 | 98.9 | 101.9 |
| 82.5° | 78.9 | 77.0 | 76.4 | 76.2 | 73.4 | 73.2 | 75.7 |
| 85° | 42.4 | 40.7 | 41.3 | 40.7 | 40.7 | 40.0 | 40.0 |
| 87.5° | 20.4 | 20.2 | 20.1 | 20.3 | 20.1 | 19.8 | 20.6 |
| 90° | 26.9 | 28.0 | 30.1 | 29.0 | 30.1 | 31.1 | 30.1 |
| 92.5° | 69.2 | 61.1 | 55.7 | 53.9 | 50.7 | 51.8 | 49.9 |
| 95° | 252.8 | 197.9 | 160.6 | 140.9 | 131.6 | 124.3 | 120.2 |
| 97.5° | 744.7 | 611.1 | 487.1 | 410.7 | 364.1 | 336.1 | 327.2 |
| 100° | 1137.6 | 1016.4 | 869.2 | 764.6 | 688.9 | 648.5 | 649.6 |
| 102.5° | 1315.7 | 1245.1 | 1151.8 | 1070.4 | 1010.6 | 976.8 | 953.0 |
| 105° | 1450.5 | 1470.2 | 1443.2 | 1395.5 | 1356.2 | 1323.0 | 1317.9 |
| 107.5° | 1433.4 | 1524.2 | 1561.1 | 1561.9 | 1548.6 | 1537.5 | 1527.9 |
| 110° | 1378.0 | 1508.5 | 1581.0 | 1610.0 | 1618.3 | 1616.2 | 1614.2 |



TEST NUMBER: P332038-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1305.0 | 1451.3 | 1544.5 | 1597.6 | 1623.3 | 1631.1 | 1631.6 |
| 115° | 1188.3 | 1340.6 | 1453.6 | 1531.2 | 1576.8 | 1597.6 | 1602.8 |
| 117.5° | 1089.7 | 1226.5 | 1341.0 | 1422.1 | 1474.3 | 1504.1 | 1511.2 |
| 120° | 1035.0 | 1159.3 | 1264.0 | 1345.8 | 1403.8 | 1428.7 | 1434.9 |
| 122.5° | 991.0 | 1106.3 | 1203.5 | 1276.2 | 1328.4 | 1355.8 | 1363.6 |
| 125° | 936.6 | 1036.0 | 1118.9 | 1185.3 | 1230.8 | 1256.7 | 1264.0 |
| 127.5° | 888.7 | 978.4 | 1053.8 | 1112.9 | 1151.8 | 1175.3 | 1181.9 |
| 130° | 858.9 | 942.8 | 1013.3 | 1068.2 | 1105.5 | 1127.2 | 1135.5 |
| 132.5° | 830.7 | 908.8 | 976.0 | 1027.5 | 1064.8 | 1084.1 | 1089.9 |
| 135° | 790.5 | 857.8 | 916.9 | 967.7 | 998.7 | 1017.4 | 1024.7 |
| 137.5° | 751.7 | 809.8 | 860.9 | 903.7 | 935.1 | 950.8 | 955.6 |
| 140° | 729.3 | 779.1 | 823.7 | 863.0 | 892.1 | 908.6 | 907.6 |
| 142.5° | 707.8 | 750.9 | 789.7 | 823.2 | 848.9 | 863.8 | 862.8 |
| 145° | 679.7 | 712.8 | 742.8 | 768.7 | 790.5 | 798.8 | 800.8 |
| 147.5° | 658.7 | 685.5 | 706.8 | 726.5 | 741.2 | 749.0 | 749.8 |
| 150° | 645.4 | 667.2 | 686.9 | 702.4 | 713.8 | 720.1 | 720.1 |
| 152.5° | 633.0 | 652.3 | 668.7 | 680.9 | 691.4 | 695.2 | 695.2 |
| 155° | 615.4 | 631.0 | 643.4 | 652.7 | 661.0 | 663.1 | 664.1 |
| 157.5° | 598.2 | 610.2 | 619.9 | 628.0 | 634.3 | 635.9 | 635.7 |
| 160° | 587.5 | 597.8 | 605.0 | 612.3 | 618.5 | 618.5 | 617.5 |
| 162.5° | 575.9 | 585.3 | 591.7 | 596.6 | 601.9 | 601.9 | 600.9 |
| 165° | 559.5 | 566.7 | 571.9 | 576.0 | 580.1 | 579.2 | 579.2 |
| 167.5° | 546.8 | 551.0 | 554.7 | 556.5 | 559.5 | 558.4 | 558.4 |
| 170° | 537.7 | 541.8 | 543.9 | 544.9 | 547.1 | 546.0 | 546.0 |
| 172.5° | 530.2 | 533.6 | 534.8 | 535.0 | 537.1 | 535.2 | 534.4 |
| 175° | 520.0 | 522.2 | 522.2 | 522.2 | 523.2 | 522.2 | 521.1 |
| 177.5° | 514.2 | 515.1 | 515.1 | 514.2 | 515.1 | 513.4 | 513.4 |
| 180° | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 | 511.8 |

(END OF REPORT)