

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: P332037-940

Luminaire Tested: **S123DIP-S1000D1195U940-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332037-940
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-9,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123DIP-S1000D1195U940-4F0-1E-UDD-A1
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 1000 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 1195 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

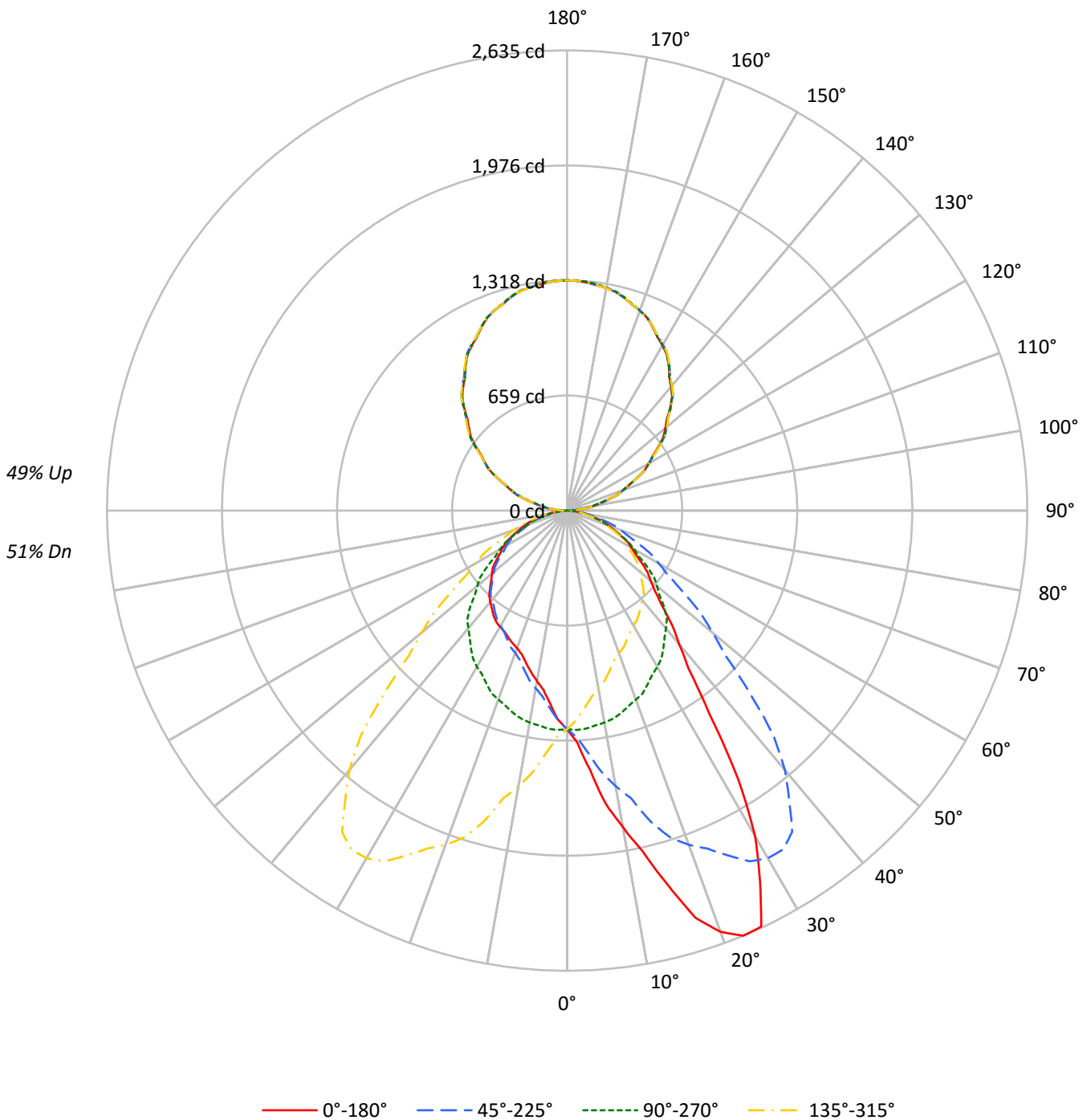
Lumens per Lamp: N/A
Luminaire Lumens: 7438.2 lumens
Efficiency: N/A
Efficacy: 113.7 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: General Diffuse

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: P332037-940
CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | |
| RC | 80 | | | | | | | | | 70 | | | | | | | | | 50 | | | | | | | | | 30 | | | | | | | | | 10 | | | | | | | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | | | | | | | | | | | | | | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 84 | 84 | 84 | 70 | 70 | 70 | 57 | 57 | 57 | 51 | 51 | 51 | 43 | 43 | 43 | 37 | 37 | 37 | 31 | 31 | 31 | 27 | | | | | | | | | | | | | | | | |
| 1 | 98 | 94 | 90 | 87 | 91 | 87 | 84 | 81 | 74 | 72 | 69 | 62 | 60 | 59 | 51 | 50 | 49 | 43 | 43 | 43 | 37 | 37 | 37 | 31 | 31 | 31 | 27 | 27 | 27 | 24 | | | | | | | | | | | | | | | | |
| 2 | 90 | 82 | 76 | 71 | 83 | 76 | 71 | 67 | 65 | 61 | 58 | 55 | 52 | 49 | 45 | 43 | 41 | 37 | 37 | 37 | 31 | 31 | 31 | 27 | 27 | 27 | 24 | 24 | 24 | 21 | | | | | | | | | | | | | | | | |
| 3 | 82 | 73 | 65 | 60 | 75 | 67 | 61 | 56 | 58 | 53 | 49 | 48 | 45 | 42 | 40 | 38 | 35 | 31 | 31 | 31 | 27 | 27 | 27 | 24 | 24 | 24 | 21 | 21 | 21 | 19 | | | | | | | | | | | | | | | | |
| 4 | 75 | 64 | 57 | 51 | 69 | 60 | 53 | 48 | 51 | 46 | 42 | 43 | 39 | 36 | 36 | 33 | 31 | 27 | 27 | 27 | 24 | 24 | 24 | 21 | 21 | 21 | 19 | 19 | 19 | 17 | | | | | | | | | | | | | | | | |
| 5 | 69 | 57 | 49 | 44 | 64 | 54 | 46 | 41 | 46 | 40 | 36 | 39 | 35 | 31 | 32 | 29 | 27 | 24 | 24 | 24 | 21 | 21 | 21 | 19 | 19 | 19 | 17 | 17 | 17 | 15 | | | | | | | | | | | | | | | | |
| 6 | 64 | 52 | 44 | 38 | 59 | 48 | 41 | 36 | 41 | 36 | 32 | 35 | 31 | 28 | 29 | 26 | 24 | 21 | 21 | 21 | 19 | 19 | 19 | 17 | 17 | 17 | 15 | 15 | 15 | 14 | | | | | | | | | | | | | | | | |
| 7 | 59 | 47 | 39 | 33 | 54 | 44 | 36 | 31 | 38 | 32 | 28 | 32 | 28 | 24 | 27 | 24 | 21 | 19 | 19 | 19 | 17 | 17 | 17 | 15 | 15 | 15 | 14 | 14 | 14 | 13 | | | | | | | | | | | | | | | | |
| 8 | 55 | 42 | 35 | 29 | 50 | 40 | 33 | 28 | 34 | 29 | 25 | 29 | 25 | 22 | 25 | 21 | 19 | 17 | 17 | 17 | 15 | 15 | 15 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | | | | | | | | | | | | | | | | |
| 9 | 51 | 39 | 31 | 26 | 47 | 36 | 29 | 25 | 31 | 26 | 22 | 27 | 23 | 20 | 23 | 20 | 17 | 15 | 15 | 15 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | 12 | 12 | 11 | | | | | | | | | | | | | | | | |
| 10 | 47 | 35 | 28 | 23 | 44 | 33 | 27 | 22 | 29 | 24 | 20 | 25 | 21 | 18 | 21 | 18 | 16 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | 12 | 12 | 11 | 11 | 11 | 10 | | | | | | | | | | | | | | | | |

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: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 123.4 | 1.7 |
| 10°-20° | 395.6 | 5.3 |
| 20°-30° | 664.0 | 8.9 |
| 30°-40° | 751.8 | 10.1 |
| 40°-50° | 674.2 | 9.1 |
| 50°-60° | 544.1 | 7.3 |
| 60°-70° | 379.1 | 5.1 |
| 70°-80° | 199.3 | 2.7 |
| 80°-90° | 52.6 | 0.7 |
| 90°-100° | 85.9 | 1.2 |
| 100°-110° | 257.2 | 3.5 |
| 110°-120° | 437.4 | 5.9 |
| 120°-130° | 575.3 | 7.7 |
| 130°-140° | 646.7 | 8.7 |
| 140°-150° | 635.6 | 8.5 |
| 150°-160° | 535.1 | 7.2 |
| 160°-170° | 356.2 | 4.8 |
| 170°-180° | 124.7 | 1.7 |
| 0°-30° | 1182.9 | 15.9 |
| 0°-40° | 1934.7 | 26.0 |
| 0°-60° | 3153.0 | 42.4 |
| 0°-90° | 3784.0 | 50.9 |
| 90°-120° | 780.5 | 10.5 |
| 90°-150° | 2638.1 | 35.5 |
| 90°-180° | 3654.0 | 49.1 |
| 0°-180° | 7438.2 | 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° | 31 | 1 | 31 | 1 | 31 | 17 |
| 95° | 81 | 61 | 81 | 61 | 81 | 83 |
| 105° | 247 | 233 | 247 | 233 | 247 | 262 |
| 115° | 441 | 440 | 441 | 440 | 441 | 437 |
| 125° | 637 | 644 | 637 | 644 | 637 | 570 |
| 135° | 835 | 836 | 835 | 836 | 835 | 642 |
| 145° | 1014 | 1014 | 1014 | 1014 | 1014 | 633 |
| 155° | 1159 | 1162 | 1159 | 1162 | 1159 | 534 |
| 165° | 1261 | 1265 | 1261 | 1265 | 1261 | 356 |
| 175° | 1311 | 1316 | 1311 | 1316 | 1311 | 124 |
| 180° | 1319 | 1319 | 1319 | 1319 | 1319 | |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

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° | 20.8 | 19.7 | 20.2 | 20.5 | 19.9 | 20.2 | 20.6 | 20.9 | 21.1 | 21.5 | 21.4 |
| 90° | 31.1 | 30.6 | 30.1 | 29.7 | 29.2 | 28.5 | 27.6 | 26.8 | 25.8 | 24.9 | 21.8 |
| 92.5° | 41.8 | 42.1 | 42.4 | 42.7 | 43.0 | 42.7 | 42.0 | 41.3 | 40.5 | 39.8 | 38.1 |
| 95° | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.3 | 79.5 | 78.5 | 77.6 | 76.7 | 74.8 |
| 97.5° | 124.3 | 124.4 | 124.5 | 124.6 | 124.7 | 124.2 | 123.1 | 122.1 | 121.0 | 119.9 | 118.6 |
| 100° | 157.5 | 157.0 | 156.6 | 156.1 | 155.6 | 155.1 | 154.4 | 153.6 | 153.0 | 152.3 | 151.1 |
| 102.5° | 191.5 | 191.5 | 191.6 | 191.7 | 191.8 | 191.5 | 190.8 | 190.1 | 189.5 | 188.8 | 187.3 |
| 105° | 246.6 | 246.1 | 245.7 | 245.2 | 244.8 | 244.5 | 244.5 | 244.5 | 244.5 | 244.5 | 242.5 |
| 107.5° | 304.0 | 304.3 | 304.5 | 304.8 | 305.1 | 304.9 | 304.2 | 303.4 | 302.6 | 301.9 | 301.0 |
| 110° | 343.0 | 343.4 | 343.8 | 344.3 | 344.7 | 344.6 | 343.7 | 342.7 | 341.8 | 340.9 | 340.4 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 384.4 | 384.5 | 384.6 | 384.7 | 384.8 | 384.2 | 383.2 | 382.0 | 380.9 | 379.8 | 379.7 |
| 115° | 441.4 | 441.6 | 441.8 | 442.0 | 442.3 | 442.3 | 442.0 | 441.8 | 441.6 | 441.4 | 441.8 |
| 117.5° | 499.2 | 499.8 | 500.4 | 501.1 | 501.8 | 502.1 | 502.1 | 502.2 | 502.2 | 502.3 | 502.9 |
| 120° | 539.8 | 540.3 | 540.7 | 541.2 | 541.6 | 542.0 | 542.2 | 542.4 | 542.7 | 542.9 | 544.0 |
| 122.5° | 578.7 | 579.3 | 580.1 | 580.7 | 581.3 | 581.9 | 582.6 | 583.2 | 583.7 | 584.3 | 585.0 |
| 125° | 637.2 | 638.1 | 639.0 | 640.0 | 640.9 | 641.8 | 642.7 | 643.6 | 644.5 | 645.5 | 646.0 |
| 127.5° | 695.4 | 696.4 | 697.5 | 698.6 | 699.6 | 700.8 | 702.1 | 703.4 | 704.7 | 706.0 | 706.5 |
| 130° | 733.5 | 735.1 | 736.7 | 738.3 | 739.9 | 741.3 | 742.2 | 743.1 | 744.0 | 744.9 | 745.6 |
| 132.5° | 773.3 | 774.5 | 775.8 | 777.0 | 778.3 | 779.4 | 780.6 | 781.7 | 782.7 | 783.9 | 784.3 |
| 135° | 835.1 | 835.5 | 836.0 | 836.4 | 836.9 | 837.6 | 838.5 | 839.5 | 840.3 | 841.2 | 841.5 |
| 137.5° | 889.6 | 890.5 | 891.4 | 892.2 | 893.0 | 893.9 | 894.9 | 895.9 | 896.9 | 897.9 | 897.2 |
| 140° | 925.2 | 926.8 | 928.4 | 930.1 | 931.7 | 932.6 | 932.8 | 933.0 | 933.3 | 933.5 | 933.3 |
| 142.5° | 961.7 | 963.0 | 964.1 | 965.4 | 966.6 | 967.4 | 967.6 | 967.9 | 968.0 | 968.3 | 967.9 |
| 145° | 1014.3 | 1015.2 | 1016.1 | 1017.1 | 1018.0 | 1018.6 | 1018.8 | 1019.0 | 1019.2 | 1019.5 | 1018.8 |
| 147.5° | 1061.1 | 1062.5 | 1063.9 | 1065.2 | 1066.7 | 1067.4 | 1067.4 | 1067.4 | 1067.4 | 1067.4 | 1066.7 |
| 150° | 1091.0 | 1092.3 | 1093.8 | 1095.1 | 1096.5 | 1097.2 | 1097.2 | 1097.2 | 1097.2 | 1097.2 | 1096.7 |
| 152.5° | 1120.0 | 1121.1 | 1122.4 | 1123.6 | 1124.8 | 1125.2 | 1124.8 | 1124.4 | 1124.1 | 1123.7 | 1123.5 |
| 155° | 1159.3 | 1161.0 | 1162.6 | 1164.2 | 1165.8 | 1166.2 | 1165.2 | 1164.3 | 1163.4 | 1162.4 | 1162.3 |
| 157.5° | 1195.2 | 1196.5 | 1197.7 | 1199.1 | 1200.3 | 1200.5 | 1199.5 | 1198.5 | 1197.7 | 1196.7 | 1196.5 |
| 160° | 1218.4 | 1219.3 | 1220.2 | 1221.2 | 1222.1 | 1222.0 | 1220.8 | 1219.7 | 1218.5 | 1217.4 | 1217.4 |
| 162.5° | 1235.8 | 1237.2 | 1238.8 | 1240.2 | 1241.7 | 1241.9 | 1240.7 | 1239.6 | 1238.4 | 1237.2 | 1237.1 |
| 165° | 1260.9 | 1262.5 | 1264.1 | 1265.7 | 1267.3 | 1267.5 | 1266.1 | 1264.7 | 1263.3 | 1261.9 | 1261.9 |
| 167.5° | 1282.2 | 1283.6 | 1285.0 | 1286.5 | 1287.9 | 1287.9 | 1286.5 | 1285.0 | 1283.6 | 1282.2 | 1282.0 |
| 170° | 1293.0 | 1294.6 | 1296.2 | 1297.9 | 1299.5 | 1299.5 | 1297.9 | 1296.2 | 1294.6 | 1293.0 | 1293.0 |
| 172.5° | 1301.3 | 1302.9 | 1304.5 | 1306.1 | 1307.8 | 1307.9 | 1306.4 | 1305.0 | 1303.6 | 1302.2 | 1302.2 |
| 175° | 1310.6 | 1312.2 | 1313.8 | 1315.5 | 1317.1 | 1317.1 | 1315.8 | 1314.4 | 1313.0 | 1311.6 | 1311.6 |
| 177.5° | 1315.6 | 1316.9 | 1318.1 | 1319.5 | 1320.7 | 1320.8 | 1319.7 | 1318.7 | 1317.5 | 1316.4 | 1316.4 |
| 180° | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

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° | 21.8 | 21.7 | 19.5 | 17.1 | 15.7 | 13.7 | 13.3 | 11.9 | 11.3 | 11.8 | 11.8 |
| 90° | 18.9 | 15.9 | 12.9 | 10.3 | 7.9 | 5.6 | 3.3 | 1.1 | 3.3 | 5.6 | 7.9 |
| 92.5° | 36.4 | 34.7 | 33.0 | 31.3 | 29.8 | 28.2 | 26.7 | 25.1 | 26.7 | 28.2 | 29.8 |
| 95° | 72.9 | 71.2 | 69.3 | 67.6 | 66.0 | 64.4 | 62.8 | 61.2 | 62.8 | 64.4 | 66.0 |
| 97.5° | 117.3 | 116.0 | 114.7 | 113.3 | 112.2 | 111.0 | 109.8 | 108.6 | 109.8 | 111.0 | 112.2 |
| 100° | 150.0 | 148.8 | 147.7 | 146.4 | 145.1 | 143.7 | 142.3 | 140.9 | 142.3 | 143.7 | 145.1 |
| 102.5° | 185.7 | 184.2 | 182.7 | 181.6 | 180.7 | 179.9 | 179.1 | 178.2 | 179.1 | 179.9 | 180.7 |
| 105° | 240.4 | 238.3 | 236.2 | 235.0 | 234.5 | 234.1 | 233.5 | 233.1 | 233.5 | 234.1 | 234.5 |
| 107.5° | 300.2 | 299.4 | 298.6 | 298.0 | 297.7 | 297.5 | 297.2 | 296.9 | 297.2 | 297.5 | 297.7 |
| 110° | 339.9 | 339.5 | 339.0 | 338.6 | 338.1 | 337.6 | 337.2 | 336.7 | 337.2 | 337.6 | 338.1 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 379.6 | 379.5 | 379.4 | 379.2 | 379.0 | 378.7 | 378.4 | 378.2 | 378.4 | 378.7 | 379.0 |
| 115° | 442.3 | 442.7 | 443.2 | 443.1 | 442.4 | 441.7 | 441.0 | 440.3 | 441.0 | 441.7 | 442.4 |
| 117.5° | 503.5 | 504.1 | 504.7 | 504.7 | 504.3 | 503.8 | 503.4 | 502.9 | 503.4 | 503.8 | 504.3 |
| 120° | 545.2 | 546.4 | 547.5 | 547.4 | 546.0 | 544.7 | 543.2 | 541.9 | 543.2 | 544.7 | 546.0 |
| 122.5° | 585.5 | 586.1 | 586.7 | 586.6 | 585.5 | 584.5 | 583.4 | 582.5 | 583.4 | 584.5 | 585.5 |
| 125° | 646.4 | 646.8 | 647.3 | 647.2 | 646.5 | 645.8 | 645.2 | 644.4 | 645.2 | 645.8 | 646.5 |
| 127.5° | 706.9 | 707.5 | 708.0 | 707.5 | 706.1 | 704.5 | 703.1 | 701.6 | 703.1 | 704.5 | 706.1 |
| 130° | 746.3 | 747.0 | 747.7 | 747.1 | 745.3 | 743.4 | 741.5 | 739.8 | 741.5 | 743.4 | 745.3 |
| 132.5° | 784.9 | 785.4 | 786.0 | 785.2 | 783.4 | 781.6 | 779.7 | 777.8 | 779.7 | 781.6 | 783.4 |
| 135° | 841.8 | 842.0 | 842.2 | 841.6 | 840.3 | 838.8 | 837.5 | 836.1 | 837.5 | 838.8 | 840.3 |
| 137.5° | 896.6 | 896.1 | 895.5 | 894.6 | 893.4 | 892.2 | 891.1 | 890.0 | 891.1 | 892.2 | 893.4 |
| 140° | 933.0 | 932.8 | 932.6 | 931.8 | 930.8 | 929.6 | 928.4 | 927.3 | 928.4 | 929.6 | 930.8 |
| 142.5° | 967.5 | 967.1 | 966.6 | 965.9 | 964.7 | 963.6 | 962.4 | 961.3 | 962.4 | 963.6 | 964.7 |
| 145° | 1018.1 | 1017.4 | 1016.7 | 1016.1 | 1015.7 | 1015.2 | 1014.8 | 1014.3 | 1014.8 | 1015.2 | 1015.7 |
| 147.5° | 1066.0 | 1065.4 | 1064.8 | 1064.1 | 1063.2 | 1062.4 | 1061.6 | 1060.7 | 1061.6 | 1062.4 | 1063.2 |
| 150° | 1096.3 | 1095.8 | 1095.4 | 1094.9 | 1094.4 | 1094.0 | 1093.5 | 1093.1 | 1093.5 | 1094.0 | 1094.4 |
| 152.5° | 1123.2 | 1122.8 | 1122.6 | 1122.1 | 1121.5 | 1120.9 | 1120.3 | 1119.5 | 1120.3 | 1120.9 | 1121.5 |
| 155° | 1162.0 | 1161.8 | 1161.5 | 1161.5 | 1161.5 | 1161.5 | 1161.5 | 1161.5 | 1161.5 | 1161.5 | 1161.5 |
| 157.5° | 1196.3 | 1196.1 | 1195.9 | 1196.0 | 1196.2 | 1196.5 | 1196.8 | 1197.0 | 1196.8 | 1196.5 | 1196.2 |
| 160° | 1217.4 | 1217.4 | 1217.4 | 1217.6 | 1218.1 | 1218.5 | 1219.0 | 1219.4 | 1219.0 | 1218.5 | 1218.1 |
| 162.5° | 1236.9 | 1236.7 | 1236.5 | 1236.8 | 1237.4 | 1238.1 | 1238.7 | 1239.3 | 1238.7 | 1238.1 | 1237.4 |
| 165° | 1261.9 | 1261.9 | 1261.9 | 1262.3 | 1262.9 | 1263.6 | 1264.4 | 1265.1 | 1264.4 | 1263.6 | 1262.9 |
| 167.5° | 1281.8 | 1281.7 | 1281.5 | 1281.8 | 1282.8 | 1283.7 | 1284.6 | 1285.6 | 1284.6 | 1283.7 | 1282.8 |
| 170° | 1293.0 | 1293.0 | 1293.0 | 1293.4 | 1294.4 | 1295.3 | 1296.2 | 1297.2 | 1296.2 | 1295.3 | 1294.4 |
| 172.5° | 1302.2 | 1302.2 | 1302.2 | 1302.6 | 1303.5 | 1304.4 | 1305.4 | 1306.3 | 1305.4 | 1304.4 | 1303.5 |
| 175° | 1311.6 | 1311.6 | 1311.6 | 1312.2 | 1313.0 | 1313.9 | 1314.9 | 1315.8 | 1314.9 | 1313.9 | 1313.0 |
| 177.5° | 1316.4 | 1316.4 | 1316.4 | 1316.8 | 1317.5 | 1318.3 | 1319.0 | 1319.7 | 1319.0 | 1318.3 | 1317.5 |
| 180° | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

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° | 11.8 | 12.8 | 12.9 | 14.0 | 14.1 | 15.2 | 15.3 | 14.5 | 14.7 | 16.4 | 14.6 |
| 90° | 10.3 | 12.9 | 15.9 | 18.9 | 21.8 | 24.9 | 25.8 | 26.8 | 27.6 | 28.5 | 29.2 |
| 92.5° | 31.3 | 33.0 | 34.7 | 36.4 | 38.1 | 39.8 | 40.5 | 41.3 | 42.0 | 42.7 | 43.0 |
| 95° | 67.6 | 69.3 | 71.2 | 72.9 | 74.8 | 76.7 | 77.6 | 78.5 | 79.5 | 80.3 | 80.8 |
| 97.5° | 113.3 | 114.7 | 116.0 | 117.3 | 118.6 | 119.9 | 121.0 | 122.1 | 123.1 | 124.2 | 124.7 |
| 100° | 146.4 | 147.7 | 148.8 | 150.0 | 151.1 | 152.3 | 153.0 | 153.6 | 154.4 | 155.1 | 155.6 |
| 102.5° | 181.6 | 182.7 | 184.2 | 185.7 | 187.3 | 188.8 | 189.5 | 190.1 | 190.8 | 191.5 | 191.8 |
| 105° | 235.0 | 236.2 | 238.3 | 240.4 | 242.5 | 244.5 | 244.5 | 244.5 | 244.5 | 244.5 | 244.8 |
| 107.5° | 298.0 | 298.6 | 299.4 | 300.2 | 301.0 | 301.9 | 302.6 | 303.4 | 304.2 | 304.9 | 305.1 |
| 110° | 338.6 | 339.0 | 339.5 | 339.9 | 340.4 | 340.9 | 341.8 | 342.7 | 343.7 | 344.6 | 344.7 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 379.2 | 379.4 | 379.5 | 379.6 | 379.7 | 379.8 | 380.9 | 382.0 | 383.2 | 384.2 | 384.8 |
| 115° | 443.1 | 443.2 | 442.7 | 442.3 | 441.8 | 441.4 | 441.6 | 441.8 | 442.0 | 442.3 | 442.3 |
| 117.5° | 504.7 | 504.7 | 504.1 | 503.5 | 502.9 | 502.3 | 502.2 | 502.2 | 502.1 | 502.1 | 501.8 |
| 120° | 547.4 | 547.5 | 546.4 | 545.2 | 544.0 | 542.9 | 542.7 | 542.4 | 542.2 | 542.0 | 541.6 |
| 122.5° | 586.6 | 586.7 | 586.1 | 585.5 | 585.0 | 584.3 | 583.7 | 583.2 | 582.6 | 581.9 | 581.3 |
| 125° | 647.2 | 647.3 | 646.8 | 646.4 | 646.0 | 645.5 | 644.5 | 643.6 | 642.7 | 641.8 | 640.9 |
| 127.5° | 707.5 | 708.0 | 707.5 | 706.9 | 706.5 | 706.0 | 704.7 | 703.4 | 702.1 | 700.8 | 699.6 |
| 130° | 747.1 | 747.7 | 747.0 | 746.3 | 745.6 | 744.9 | 744.0 | 743.1 | 742.2 | 741.3 | 739.9 |
| 132.5° | 785.2 | 786.0 | 785.4 | 784.9 | 784.3 | 783.9 | 782.7 | 781.7 | 780.6 | 779.4 | 778.3 |
| 135° | 841.6 | 842.2 | 842.0 | 841.8 | 841.5 | 841.2 | 840.3 | 839.5 | 838.5 | 837.6 | 836.9 |
| 137.5° | 894.6 | 895.5 | 896.1 | 896.6 | 897.2 | 897.9 | 896.9 | 895.9 | 894.9 | 893.9 | 893.0 |
| 140° | 931.8 | 932.6 | 932.8 | 933.0 | 933.3 | 933.5 | 933.3 | 933.0 | 932.8 | 932.6 | 931.7 |
| 142.5° | 965.9 | 966.6 | 967.1 | 967.5 | 967.9 | 968.3 | 968.0 | 967.9 | 967.6 | 967.4 | 966.6 |
| 145° | 1016.1 | 1016.7 | 1017.4 | 1018.1 | 1018.8 | 1019.5 | 1019.2 | 1019.0 | 1018.8 | 1018.6 | 1018.0 |
| 147.5° | 1064.1 | 1064.8 | 1065.4 | 1066.0 | 1066.7 | 1067.4 | 1067.4 | 1067.4 | 1067.4 | 1067.4 | 1066.7 |
| 150° | 1094.9 | 1095.4 | 1095.8 | 1096.3 | 1096.7 | 1097.2 | 1097.2 | 1097.2 | 1097.2 | 1097.2 | 1096.5 |
| 152.5° | 1122.1 | 1122.6 | 1122.8 | 1123.2 | 1123.5 | 1123.7 | 1124.1 | 1124.4 | 1124.8 | 1125.2 | 1124.8 |
| 155° | 1161.5 | 1161.5 | 1161.8 | 1162.0 | 1162.3 | 1162.4 | 1163.4 | 1164.3 | 1165.2 | 1166.2 | 1165.8 |
| 157.5° | 1196.0 | 1195.9 | 1196.1 | 1196.3 | 1196.5 | 1196.7 | 1197.7 | 1198.5 | 1199.5 | 1200.5 | 1200.3 |
| 160° | 1217.6 | 1217.4 | 1217.4 | 1217.4 | 1217.4 | 1217.4 | 1218.5 | 1219.7 | 1220.8 | 1222.0 | 1222.1 |
| 162.5° | 1236.8 | 1236.5 | 1236.7 | 1236.9 | 1237.1 | 1237.2 | 1238.4 | 1239.6 | 1240.7 | 1241.9 | 1241.7 |
| 165° | 1262.3 | 1261.9 | 1261.9 | 1261.9 | 1261.9 | 1261.9 | 1263.3 | 1264.7 | 1266.1 | 1267.5 | 1267.3 |
| 167.5° | 1281.8 | 1281.5 | 1281.7 | 1281.8 | 1282.0 | 1282.2 | 1283.6 | 1285.0 | 1286.5 | 1287.9 | 1287.9 |
| 170° | 1293.4 | 1293.0 | 1293.0 | 1293.0 | 1293.0 | 1293.0 | 1294.6 | 1296.2 | 1297.9 | 1299.5 | 1299.5 |
| 172.5° | 1302.6 | 1302.2 | 1302.2 | 1302.2 | 1302.2 | 1302.2 | 1303.6 | 1305.0 | 1306.4 | 1307.9 | 1307.8 |
| 175° | 1312.2 | 1311.6 | 1311.6 | 1311.6 | 1311.6 | 1311.6 | 1313.0 | 1314.4 | 1315.8 | 1317.1 | 1317.1 |
| 177.5° | 1316.8 | 1316.4 | 1316.4 | 1316.4 | 1316.4 | 1316.4 | 1317.5 | 1318.7 | 1319.7 | 1320.8 | 1320.7 |
| 180° | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

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° | 14.7 | 14.8 | 14.4 | 14.0 | 14.4 | 14.8 | 14.7 | 14.6 | 16.4 | 14.7 | 14.5 |
| 90° | 29.7 | 30.1 | 30.6 | 31.1 | 30.6 | 30.1 | 29.7 | 29.2 | 28.5 | 27.6 | 26.8 |
| 92.5° | 42.7 | 42.4 | 42.1 | 41.8 | 42.1 | 42.4 | 42.7 | 43.0 | 42.7 | 42.0 | 41.3 |
| 95° | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.3 | 79.5 | 78.5 |
| 97.5° | 124.6 | 124.5 | 124.4 | 124.3 | 124.4 | 124.5 | 124.6 | 124.7 | 124.2 | 123.1 | 122.1 |
| 100° | 156.1 | 156.6 | 157.0 | 157.5 | 157.0 | 156.6 | 156.1 | 155.6 | 155.1 | 154.4 | 153.6 |
| 102.5° | 191.7 | 191.6 | 191.5 | 191.5 | 191.5 | 191.6 | 191.7 | 191.8 | 191.5 | 190.8 | 190.1 |
| 105° | 245.2 | 245.7 | 246.1 | 246.6 | 246.1 | 245.7 | 245.2 | 244.8 | 244.5 | 244.5 | 244.5 |
| 107.5° | 304.8 | 304.5 | 304.3 | 304.0 | 304.3 | 304.5 | 304.8 | 305.1 | 304.9 | 304.2 | 303.4 |
| 110° | 344.3 | 343.8 | 343.4 | 343.0 | 343.4 | 343.8 | 344.3 | 344.7 | 344.6 | 343.7 | 342.7 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 384.7 | 384.6 | 384.5 | 384.4 | 384.5 | 384.6 | 384.7 | 384.8 | 384.2 | 383.2 | 382.0 |
| 115° | 442.0 | 441.8 | 441.6 | 441.4 | 441.6 | 441.8 | 442.0 | 442.3 | 442.3 | 442.0 | 441.8 |
| 117.5° | 501.1 | 500.4 | 499.8 | 499.2 | 499.8 | 500.4 | 501.1 | 501.8 | 502.1 | 502.1 | 502.2 |
| 120° | 541.2 | 540.7 | 540.3 | 539.8 | 540.3 | 540.7 | 541.2 | 541.6 | 542.0 | 542.2 | 542.4 |
| 122.5° | 580.7 | 580.1 | 579.3 | 578.7 | 579.3 | 580.1 | 580.7 | 581.3 | 581.9 | 582.6 | 583.2 |
| 125° | 640.0 | 639.0 | 638.1 | 637.2 | 638.1 | 639.0 | 640.0 | 640.9 | 641.8 | 642.7 | 643.6 |
| 127.5° | 698.6 | 697.5 | 696.4 | 695.4 | 696.4 | 697.5 | 698.6 | 699.6 | 700.8 | 702.1 | 703.4 |
| 130° | 738.3 | 736.7 | 735.1 | 733.5 | 735.1 | 736.7 | 738.3 | 739.9 | 741.3 | 742.2 | 743.1 |
| 132.5° | 777.0 | 775.8 | 774.5 | 773.3 | 774.5 | 775.8 | 777.0 | 778.3 | 779.4 | 780.6 | 781.7 |
| 135° | 836.4 | 836.0 | 835.5 | 835.1 | 835.5 | 836.0 | 836.4 | 836.9 | 837.6 | 838.5 | 839.5 |
| 137.5° | 892.2 | 891.4 | 890.5 | 889.6 | 890.5 | 891.4 | 892.2 | 893.0 | 893.9 | 894.9 | 895.9 |
| 140° | 930.1 | 928.4 | 926.8 | 925.2 | 926.8 | 928.4 | 930.1 | 931.7 | 932.6 | 932.8 | 933.0 |
| 142.5° | 965.4 | 964.1 | 963.0 | 961.7 | 963.0 | 964.1 | 965.4 | 966.6 | 967.4 | 967.6 | 967.9 |
| 145° | 1017.1 | 1016.1 | 1015.2 | 1014.3 | 1015.2 | 1016.1 | 1017.1 | 1018.0 | 1018.6 | 1018.8 | 1019.0 |
| 147.5° | 1065.2 | 1063.9 | 1062.5 | 1061.1 | 1062.5 | 1063.9 | 1065.2 | 1066.7 | 1067.4 | 1067.4 | 1067.4 |
| 150° | 1095.1 | 1093.8 | 1092.3 | 1091.0 | 1092.3 | 1093.8 | 1095.1 | 1096.5 | 1097.2 | 1097.2 | 1097.2 |
| 152.5° | 1123.6 | 1122.4 | 1121.1 | 1120.0 | 1121.1 | 1122.4 | 1123.6 | 1124.8 | 1125.2 | 1124.8 | 1124.4 |
| 155° | 1164.2 | 1162.6 | 1161.0 | 1159.3 | 1161.0 | 1162.6 | 1164.2 | 1165.8 | 1166.2 | 1165.2 | 1164.3 |
| 157.5° | 1199.1 | 1197.7 | 1196.5 | 1195.2 | 1196.5 | 1197.7 | 1199.1 | 1200.3 | 1200.5 | 1199.5 | 1198.5 |
| 160° | 1221.2 | 1220.2 | 1219.3 | 1218.4 | 1219.3 | 1220.2 | 1221.2 | 1222.1 | 1222.0 | 1220.8 | 1219.7 |
| 162.5° | 1240.2 | 1238.8 | 1237.2 | 1235.8 | 1237.2 | 1238.8 | 1240.2 | 1241.7 | 1241.9 | 1240.7 | 1239.6 |
| 165° | 1265.7 | 1264.1 | 1262.5 | 1260.9 | 1262.5 | 1264.1 | 1265.7 | 1267.3 | 1267.5 | 1266.1 | 1264.7 |
| 167.5° | 1286.5 | 1285.0 | 1283.6 | 1282.2 | 1283.6 | 1285.0 | 1286.5 | 1287.9 | 1287.9 | 1286.5 | 1285.0 |
| 170° | 1297.9 | 1296.2 | 1294.6 | 1293.0 | 1294.6 | 1296.2 | 1297.9 | 1299.5 | 1299.5 | 1297.9 | 1296.2 |
| 172.5° | 1306.1 | 1304.5 | 1302.9 | 1301.3 | 1302.9 | 1304.5 | 1306.1 | 1307.8 | 1307.9 | 1306.4 | 1305.0 |
| 175° | 1315.5 | 1313.8 | 1312.2 | 1310.6 | 1312.2 | 1313.8 | 1315.5 | 1317.1 | 1317.1 | 1315.8 | 1314.4 |
| 177.5° | 1319.5 | 1318.1 | 1316.9 | 1315.6 | 1316.9 | 1318.1 | 1319.5 | 1320.7 | 1320.8 | 1319.7 | 1318.7 |
| 180° | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

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° | 15.3 | 15.2 | 14.1 | 14.0 | 12.9 | 12.8 | 11.8 | 11.8 | 11.8 | 11.3 | 11.9 |
| 90° | 25.8 | 24.9 | 21.8 | 18.9 | 15.9 | 12.9 | 10.3 | 7.9 | 5.6 | 3.3 | 1.1 |
| 92.5° | 40.5 | 39.8 | 38.1 | 36.4 | 34.7 | 33.0 | 31.3 | 29.8 | 28.2 | 26.7 | 25.1 |
| 95° | 77.6 | 76.7 | 74.8 | 72.9 | 71.2 | 69.3 | 67.6 | 66.0 | 64.4 | 62.8 | 61.2 |
| 97.5° | 121.0 | 119.9 | 118.6 | 117.3 | 116.0 | 114.7 | 113.3 | 112.2 | 111.0 | 109.8 | 108.6 |
| 100° | 153.0 | 152.3 | 151.1 | 150.0 | 148.8 | 147.7 | 146.4 | 145.1 | 143.7 | 142.3 | 140.9 |
| 102.5° | 189.5 | 188.8 | 187.3 | 185.7 | 184.2 | 182.7 | 181.6 | 180.7 | 179.9 | 179.1 | 178.2 |
| 105° | 244.5 | 244.5 | 242.5 | 240.4 | 238.3 | 236.2 | 235.0 | 234.5 | 234.1 | 233.5 | 233.1 |
| 107.5° | 302.6 | 301.9 | 301.0 | 300.2 | 299.4 | 298.6 | 298.0 | 297.7 | 297.5 | 297.2 | 296.9 |
| 110° | 341.8 | 340.9 | 340.4 | 339.9 | 339.5 | 339.0 | 338.6 | 338.1 | 337.6 | 337.2 | 336.7 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 380.9 | 379.8 | 379.7 | 379.6 | 379.5 | 379.4 | 379.2 | 379.0 | 378.7 | 378.4 | 378.2 |
| 115° | 441.6 | 441.4 | 441.8 | 442.3 | 442.7 | 443.2 | 443.1 | 442.4 | 441.7 | 441.0 | 440.3 |
| 117.5° | 502.2 | 502.3 | 502.9 | 503.5 | 504.1 | 504.7 | 504.7 | 504.3 | 503.8 | 503.4 | 502.9 |
| 120° | 542.7 | 542.9 | 544.0 | 545.2 | 546.4 | 547.5 | 547.4 | 546.0 | 544.7 | 543.2 | 541.9 |
| 122.5° | 583.7 | 584.3 | 585.0 | 585.5 | 586.1 | 586.7 | 586.6 | 585.5 | 584.5 | 583.4 | 582.5 |
| 125° | 644.5 | 645.5 | 646.0 | 646.4 | 646.8 | 647.3 | 647.2 | 646.5 | 645.8 | 645.2 | 644.4 |
| 127.5° | 704.7 | 706.0 | 706.5 | 706.9 | 707.5 | 708.0 | 707.5 | 706.1 | 704.5 | 703.1 | 701.6 |
| 130° | 744.0 | 744.9 | 745.6 | 746.3 | 747.0 | 747.7 | 747.1 | 745.3 | 743.4 | 741.5 | 739.8 |
| 132.5° | 782.7 | 783.9 | 784.3 | 784.9 | 785.4 | 786.0 | 785.2 | 783.4 | 781.6 | 779.7 | 777.8 |
| 135° | 840.3 | 841.2 | 841.5 | 841.8 | 842.0 | 842.2 | 841.6 | 840.3 | 838.8 | 837.5 | 836.1 |
| 137.5° | 896.9 | 897.9 | 897.2 | 896.6 | 896.1 | 895.5 | 894.6 | 893.4 | 892.2 | 891.1 | 890.0 |
| 140° | 933.3 | 933.5 | 933.3 | 933.0 | 932.8 | 932.6 | 931.8 | 930.8 | 929.6 | 928.4 | 927.3 |
| 142.5° | 968.0 | 968.3 | 967.9 | 967.5 | 967.1 | 966.6 | 965.9 | 964.7 | 963.6 | 962.4 | 961.3 |
| 145° | 1019.2 | 1019.5 | 1018.8 | 1018.1 | 1017.4 | 1016.7 | 1016.1 | 1015.7 | 1015.2 | 1014.8 | 1014.3 |
| 147.5° | 1067.4 | 1067.4 | 1066.7 | 1066.0 | 1065.4 | 1064.8 | 1064.1 | 1063.2 | 1062.4 | 1061.6 | 1060.7 |
| 150° | 1097.2 | 1097.2 | 1096.7 | 1096.3 | 1095.8 | 1095.4 | 1094.9 | 1094.4 | 1094.0 | 1093.5 | 1093.1 |
| 152.5° | 1124.1 | 1123.7 | 1123.5 | 1123.2 | 1122.8 | 1122.6 | 1122.1 | 1121.5 | 1120.9 | 1120.3 | 1119.5 |
| 155° | 1163.4 | 1162.4 | 1162.3 | 1162.0 | 1161.8 | 1161.5 | 1161.5 | 1161.5 | 1161.5 | 1161.5 | 1161.5 |
| 157.5° | 1197.7 | 1196.7 | 1196.5 | 1196.3 | 1196.1 | 1195.9 | 1196.0 | 1196.2 | 1196.5 | 1196.8 | 1197.0 |
| 160° | 1218.5 | 1217.4 | 1217.4 | 1217.4 | 1217.4 | 1217.4 | 1217.6 | 1218.1 | 1218.5 | 1219.0 | 1219.4 |
| 162.5° | 1238.4 | 1237.2 | 1237.1 | 1236.9 | 1236.7 | 1236.5 | 1236.8 | 1237.4 | 1238.1 | 1238.7 | 1239.3 |
| 165° | 1263.3 | 1261.9 | 1261.9 | 1261.9 | 1261.9 | 1261.9 | 1262.3 | 1262.9 | 1263.6 | 1264.4 | 1265.1 |
| 167.5° | 1283.6 | 1282.2 | 1282.0 | 1281.8 | 1281.7 | 1281.5 | 1281.8 | 1282.8 | 1283.7 | 1284.6 | 1285.6 |
| 170° | 1294.6 | 1293.0 | 1293.0 | 1293.0 | 1293.0 | 1293.0 | 1293.4 | 1294.4 | 1295.3 | 1296.2 | 1297.2 |
| 172.5° | 1303.6 | 1302.2 | 1302.2 | 1302.2 | 1302.2 | 1302.2 | 1302.6 | 1303.5 | 1304.4 | 1305.4 | 1306.3 |
| 175° | 1313.0 | 1311.6 | 1311.6 | 1311.6 | 1311.6 | 1311.6 | 1312.2 | 1313.0 | 1313.9 | 1314.9 | 1315.8 |
| 177.5° | 1317.5 | 1316.4 | 1316.4 | 1316.4 | 1316.4 | 1316.4 | 1316.8 | 1317.5 | 1318.3 | 1319.0 | 1319.7 |
| 180° | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

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° | 13.3 | 13.7 | 15.7 | 17.1 | 19.5 | 21.7 | 21.8 | 21.4 | 21.5 | 21.1 | 20.9 |
| 90° | 3.3 | 5.6 | 7.9 | 10.3 | 12.9 | 15.9 | 18.9 | 21.8 | 24.9 | 25.8 | 26.8 |
| 92.5° | 26.7 | 28.2 | 29.8 | 31.3 | 33.0 | 34.7 | 36.4 | 38.1 | 39.8 | 40.5 | 41.3 |
| 95° | 62.8 | 64.4 | 66.0 | 67.6 | 69.3 | 71.2 | 72.9 | 74.8 | 76.7 | 77.6 | 78.5 |
| 97.5° | 109.8 | 111.0 | 112.2 | 113.3 | 114.7 | 116.0 | 117.3 | 118.6 | 119.9 | 121.0 | 122.1 |
| 100° | 142.3 | 143.7 | 145.1 | 146.4 | 147.7 | 148.8 | 150.0 | 151.1 | 152.3 | 153.0 | 153.6 |
| 102.5° | 179.1 | 179.9 | 180.7 | 181.6 | 182.7 | 184.2 | 185.7 | 187.3 | 188.8 | 189.5 | 190.1 |
| 105° | 233.5 | 234.1 | 234.5 | 235.0 | 236.2 | 238.3 | 240.4 | 242.5 | 244.5 | 244.5 | 244.5 |
| 107.5° | 297.2 | 297.5 | 297.7 | 298.0 | 298.6 | 299.4 | 300.2 | 301.0 | 301.9 | 302.6 | 303.4 |
| 110° | 337.2 | 337.6 | 338.1 | 338.6 | 339.0 | 339.5 | 339.9 | 340.4 | 340.9 | 341.8 | 342.7 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 378.4 | 378.7 | 379.0 | 379.2 | 379.4 | 379.5 | 379.6 | 379.7 | 379.8 | 380.9 | 382.0 |
| 115° | 441.0 | 441.7 | 442.4 | 443.1 | 443.2 | 442.7 | 442.3 | 441.8 | 441.4 | 441.6 | 441.8 |
| 117.5° | 503.4 | 503.8 | 504.3 | 504.7 | 504.7 | 504.1 | 503.5 | 502.9 | 502.3 | 502.2 | 502.2 |
| 120° | 543.2 | 544.7 | 546.0 | 547.4 | 547.5 | 546.4 | 545.2 | 544.0 | 542.9 | 542.7 | 542.4 |
| 122.5° | 583.4 | 584.5 | 585.5 | 586.6 | 586.7 | 586.1 | 585.5 | 585.0 | 584.3 | 583.7 | 583.2 |
| 125° | 645.2 | 645.8 | 646.5 | 647.2 | 647.3 | 646.8 | 646.4 | 646.0 | 645.5 | 644.5 | 643.6 |
| 127.5° | 703.1 | 704.5 | 706.1 | 707.5 | 708.0 | 707.5 | 706.9 | 706.5 | 706.0 | 704.7 | 703.4 |
| 130° | 741.5 | 743.4 | 745.3 | 747.1 | 747.7 | 747.0 | 746.3 | 745.6 | 744.9 | 744.0 | 743.1 |
| 132.5° | 779.7 | 781.6 | 783.4 | 785.2 | 786.0 | 785.4 | 784.9 | 784.3 | 783.9 | 782.7 | 781.7 |
| 135° | 837.5 | 838.8 | 840.3 | 841.6 | 842.2 | 842.0 | 841.8 | 841.5 | 841.2 | 840.3 | 839.5 |
| 137.5° | 891.1 | 892.2 | 893.4 | 894.6 | 895.5 | 896.1 | 896.6 | 897.2 | 897.9 | 896.9 | 895.9 |
| 140° | 928.4 | 929.6 | 930.8 | 931.8 | 932.6 | 932.8 | 933.0 | 933.3 | 933.5 | 933.3 | 933.0 |
| 142.5° | 962.4 | 963.6 | 964.7 | 965.9 | 966.6 | 967.1 | 967.5 | 967.9 | 968.3 | 968.0 | 967.9 |
| 145° | 1014.8 | 1015.2 | 1015.7 | 1016.1 | 1016.7 | 1017.4 | 1018.1 | 1018.8 | 1019.5 | 1019.2 | 1019.0 |
| 147.5° | 1061.6 | 1062.4 | 1063.2 | 1064.1 | 1064.8 | 1065.4 | 1066.0 | 1066.7 | 1067.4 | 1067.4 | 1067.4 |
| 150° | 1093.5 | 1094.0 | 1094.4 | 1094.9 | 1095.4 | 1095.8 | 1096.3 | 1096.7 | 1097.2 | 1097.2 | 1097.2 |
| 152.5° | 1120.3 | 1120.9 | 1121.5 | 1122.1 | 1122.6 | 1122.8 | 1123.2 | 1123.5 | 1123.7 | 1124.1 | 1124.4 |
| 155° | 1161.5 | 1161.5 | 1161.5 | 1161.5 | 1161.5 | 1161.8 | 1162.0 | 1162.3 | 1162.4 | 1163.4 | 1164.3 |
| 157.5° | 1196.8 | 1196.5 | 1196.2 | 1196.0 | 1195.9 | 1196.1 | 1196.3 | 1196.5 | 1196.7 | 1197.7 | 1198.5 |
| 160° | 1219.0 | 1218.5 | 1218.1 | 1217.6 | 1217.4 | 1217.4 | 1217.4 | 1217.4 | 1217.4 | 1218.5 | 1219.7 |
| 162.5° | 1238.7 | 1238.1 | 1237.4 | 1236.8 | 1236.5 | 1236.7 | 1236.9 | 1237.1 | 1237.2 | 1238.4 | 1239.6 |
| 165° | 1264.4 | 1263.6 | 1262.9 | 1262.3 | 1261.9 | 1261.9 | 1261.9 | 1261.9 | 1261.9 | 1263.3 | 1264.7 |
| 167.5° | 1284.6 | 1283.7 | 1282.8 | 1281.8 | 1281.5 | 1281.7 | 1281.8 | 1282.0 | 1282.2 | 1283.6 | 1285.0 |
| 170° | 1296.2 | 1295.3 | 1294.4 | 1293.4 | 1293.0 | 1293.0 | 1293.0 | 1293.0 | 1293.0 | 1294.6 | 1296.2 |
| 172.5° | 1305.4 | 1304.4 | 1303.5 | 1302.6 | 1302.2 | 1302.2 | 1302.2 | 1302.2 | 1302.2 | 1303.6 | 1305.0 |
| 175° | 1314.9 | 1313.9 | 1313.0 | 1312.2 | 1311.6 | 1311.6 | 1311.6 | 1311.6 | 1311.6 | 1313.0 | 1314.4 |
| 177.5° | 1319.0 | 1318.3 | 1317.5 | 1316.8 | 1316.4 | 1316.4 | 1316.4 | 1316.4 | 1316.4 | 1317.5 | 1318.7 |
| 180° | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

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° | 20.6 | 20.2 | 19.9 | 20.5 | 20.2 | 19.7 | 20.8 |
| 90° | 27.6 | 28.5 | 29.2 | 29.7 | 30.1 | 30.6 | 31.1 |
| 92.5° | 42.0 | 42.7 | 43.0 | 42.7 | 42.4 | 42.1 | 41.8 |
| 95° | 79.5 | 80.3 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| 97.5° | 123.1 | 124.2 | 124.7 | 124.6 | 124.5 | 124.4 | 124.3 |
| 100° | 154.4 | 155.1 | 155.6 | 156.1 | 156.6 | 157.0 | 157.5 |
| 102.5° | 190.8 | 191.5 | 191.8 | 191.7 | 191.6 | 191.5 | 191.5 |
| 105° | 244.5 | 244.5 | 244.8 | 245.2 | 245.7 | 246.1 | 246.6 |
| 107.5° | 304.2 | 304.9 | 305.1 | 304.8 | 304.5 | 304.3 | 304.0 |
| 110° | 343.7 | 344.6 | 344.7 | 344.3 | 343.8 | 343.4 | 343.0 |



TEST NUMBER: P332037-940

CATALOG NUMBER: S123DIP-S1000D1195U940-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 383.2 | 384.2 | 384.8 | 384.7 | 384.6 | 384.5 | 384.4 |
| 115° | 442.0 | 442.3 | 442.3 | 442.0 | 441.8 | 441.6 | 441.4 |
| 117.5° | 502.1 | 502.1 | 501.8 | 501.1 | 500.4 | 499.8 | 499.2 |
| 120° | 542.2 | 542.0 | 541.6 | 541.2 | 540.7 | 540.3 | 539.8 |
| 122.5° | 582.6 | 581.9 | 581.3 | 580.7 | 580.1 | 579.3 | 578.7 |
| 125° | 642.7 | 641.8 | 640.9 | 640.0 | 639.0 | 638.1 | 637.2 |
| 127.5° | 702.1 | 700.8 | 699.6 | 698.6 | 697.5 | 696.4 | 695.4 |
| 130° | 742.2 | 741.3 | 739.9 | 738.3 | 736.7 | 735.1 | 733.5 |
| 132.5° | 780.6 | 779.4 | 778.3 | 777.0 | 775.8 | 774.5 | 773.3 |
| 135° | 838.5 | 837.6 | 836.9 | 836.4 | 836.0 | 835.5 | 835.1 |
| 137.5° | 894.9 | 893.9 | 893.0 | 892.2 | 891.4 | 890.5 | 889.6 |
| 140° | 932.8 | 932.6 | 931.7 | 930.1 | 928.4 | 926.8 | 925.2 |
| 142.5° | 967.6 | 967.4 | 966.6 | 965.4 | 964.1 | 963.0 | 961.7 |
| 145° | 1018.8 | 1018.6 | 1018.0 | 1017.1 | 1016.1 | 1015.2 | 1014.3 |
| 147.5° | 1067.4 | 1067.4 | 1066.7 | 1065.2 | 1063.9 | 1062.5 | 1061.1 |
| 150° | 1097.2 | 1097.2 | 1096.5 | 1095.1 | 1093.8 | 1092.3 | 1091.0 |
| 152.5° | 1124.8 | 1125.2 | 1124.8 | 1123.6 | 1122.4 | 1121.1 | 1120.0 |
| 155° | 1165.2 | 1166.2 | 1165.8 | 1164.2 | 1162.6 | 1161.0 | 1159.3 |
| 157.5° | 1199.5 | 1200.5 | 1200.3 | 1199.1 | 1197.7 | 1196.5 | 1195.2 |
| 160° | 1220.8 | 1222.0 | 1222.1 | 1221.2 | 1220.2 | 1219.3 | 1218.4 |
| 162.5° | 1240.7 | 1241.9 | 1241.7 | 1240.2 | 1238.8 | 1237.2 | 1235.8 |
| 165° | 1266.1 | 1267.5 | 1267.3 | 1265.7 | 1264.1 | 1262.5 | 1260.9 |
| 167.5° | 1286.5 | 1287.9 | 1287.9 | 1286.5 | 1285.0 | 1283.6 | 1282.2 |
| 170° | 1297.9 | 1299.5 | 1299.5 | 1297.9 | 1296.2 | 1294.6 | 1293.0 |
| 172.5° | 1306.4 | 1307.9 | 1307.8 | 1306.1 | 1304.5 | 1302.9 | 1301.3 |
| 175° | 1315.8 | 1317.1 | 1317.1 | 1315.5 | 1313.8 | 1312.2 | 1310.6 |
| 177.5° | 1319.7 | 1320.8 | 1320.7 | 1319.5 | 1318.1 | 1316.9 | 1315.6 |
| 180° | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 | 1318.9 |

(END OF REPORT)