

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: P332028-930

Luminaire Tested: **S123DIP-S1000D1025U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332028-930  
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-S1000D1025U930-4F0-1E-UDD-A1  
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1000 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1025 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6329.7 lumens  
Efficiency: N/A  
Efficacy: 104.6 lumens/watt  
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49  
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')  
CIE Type: General Diffuse

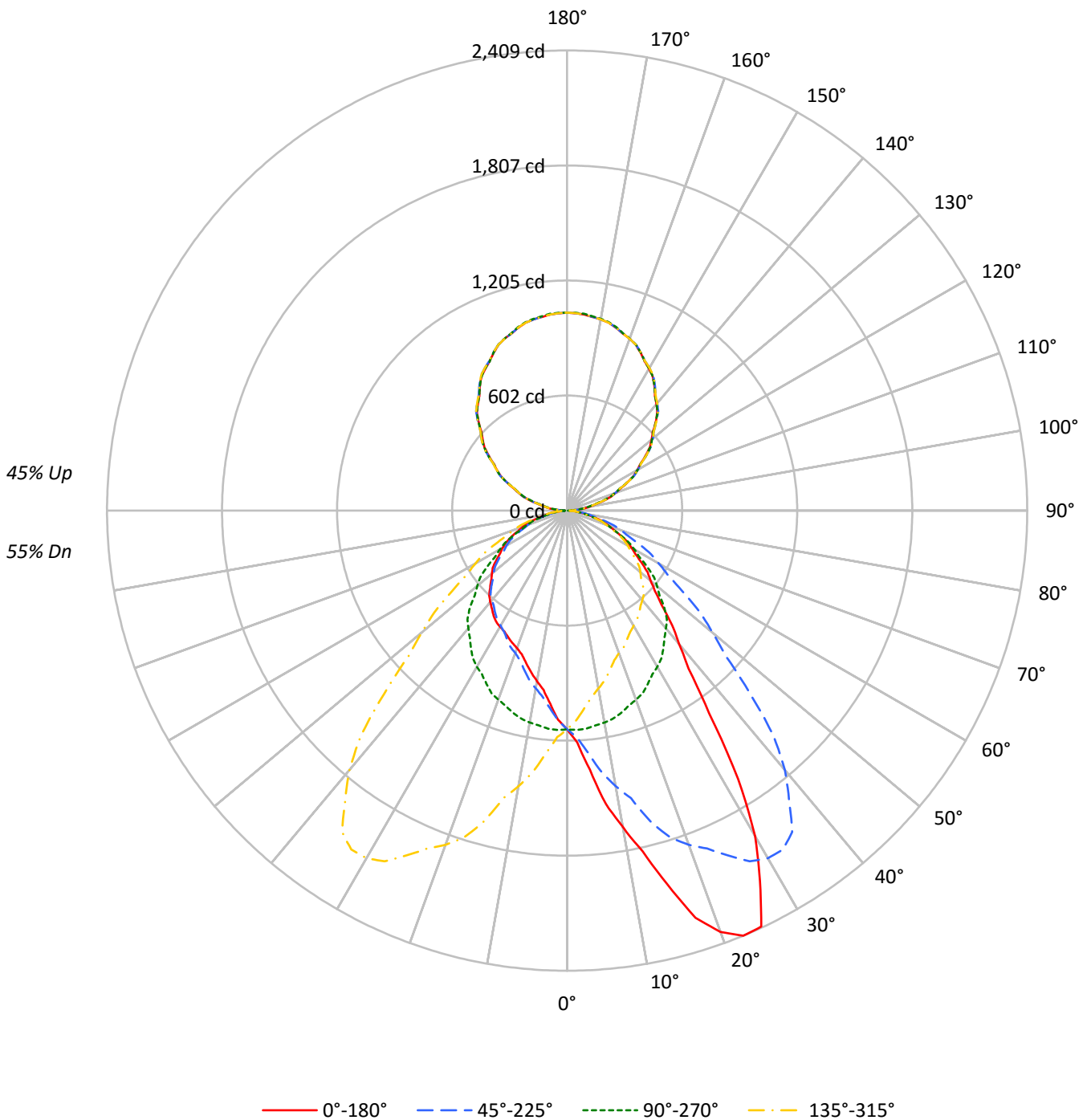
Input Watts (W): 60.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





TEST NUMBER: P332028-930

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
| 0   | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 73 | 73 | 73 | 60 | 60 | 60 | 55 |
| 1   | 99  | 95  | 91  | 88  | 92  | 88  | 85  | 82  | 76 | 73 | 71 | 64 | 63 | 61 | 54 | 53 | 52 | 47 |
| 2   | 90  | 83  | 77  | 72  | 84  | 77  | 72  | 68  | 67 | 63 | 59 | 57 | 54 | 51 | 48 | 46 | 44 | 40 |
| 3   | 83  | 73  | 66  | 60  | 77  | 68  | 62  | 57  | 59 | 54 | 50 | 51 | 47 | 44 | 43 | 40 | 38 | 34 |
| 4   | 76  | 65  | 57  | 51  | 70  | 61  | 54  | 48  | 53 | 47 | 43 | 45 | 41 | 38 | 38 | 35 | 33 | 29 |
| 5   | 70  | 58  | 50  | 44  | 64  | 54  | 47  | 42  | 47 | 42 | 37 | 41 | 36 | 33 | 34 | 31 | 29 | 25 |
| 6   | 64  | 52  | 44  | 38  | 59  | 49  | 42  | 36  | 43 | 37 | 33 | 37 | 32 | 29 | 31 | 28 | 25 | 22 |
| 7   | 59  | 47  | 39  | 34  | 55  | 44  | 37  | 32  | 39 | 33 | 29 | 33 | 29 | 26 | 29 | 25 | 22 | 20 |
| 8   | 55  | 43  | 35  | 30  | 51  | 40  | 33  | 28  | 35 | 30 | 26 | 31 | 26 | 23 | 26 | 23 | 20 | 18 |
| 9   | 51  | 39  | 32  | 27  | 48  | 37  | 30  | 25  | 32 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 | 16 |
| 10  | 48  | 36  | 29  | 24  | 45  | 34  | 27  | 23  | 30 | 24 | 21 | 26 | 22 | 19 | 22 | 19 | 17 | 15 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 12326 | 12326 | 12326 | 12326 |
| 5°  | 14699 | 12379 | 10970 | 12379 |
| 10° | 18398 | 12316 | 9908  | 12316 |
| 15° | 22566 | 12217 | 9225  | 12217 |
| 20° | 26882 | 12062 | 8782  | 12062 |
| 25° | 28544 | 11873 | 8684  | 11873 |
| 30° | 24467 | 11737 | 8730  | 11737 |
| 35° | 17015 | 11540 | 8821  | 11540 |
| 40° | 12816 | 11311 | 8793  | 11311 |
| 45° | 10641 | 10971 | 8681  | 10971 |
| 50° | 9532  | 10275 | 8602  | 10275 |
| 55° | 8912  | 9526  | 8496  | 9526  |
| 60° | 8359  | 8742  | 8409  | 8742  |
| 65° | 7857  | 7969  | 8140  | 7969  |
| 70° | 7371  | 7091  | 7751  | 7091  |
| 75° | 6600  | 6209  | 7107  | 6209  |
| 80° | 5777  | 5089  | 6118  | 5089  |
| 85° | 4520  | 3693  | 4113  | 3693  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 112.8  | 1.8       |
| 10°-20°   | 361.7  | 5.7       |
| 20°-30°   | 607.1  | 9.6       |
| 30°-40°   | 687.4  | 10.9      |
| 40°-50°   | 616.4  | 9.7       |
| 50°-60°   | 497.4  | 7.9       |
| 60°-70°   | 346.6  | 5.5       |
| 70°-80°   | 182.2  | 2.9       |
| 80°-90°   | 47.6   | 0.8       |
| 90°-100°  | 67.5   | 1.1       |
| 100°-110° | 202.0  | 3.2       |
| 110°-120° | 343.6  | 5.4       |
| 120°-130° | 451.9  | 7.1       |
| 130°-140° | 508.0  | 8.0       |
| 140°-150° | 499.3  | 7.9       |
| 150°-160° | 420.4  | 6.6       |
| 160°-170° | 279.8  | 4.4       |
| 170°-180° | 98.0   | 1.5       |
| 0°-30°    | 1081.6 | 17.1      |
| 0°-40°    | 1768.9 | 27.9      |
| 0°-60°    | 2882.8 | 45.5      |
| 0°-90°    | 3459.2 | 54.7      |
| 90°-120°  | 613.1  | 9.7       |
| 90°-150°  | 2072.3 | 32.7      |
| 90°-180°  | 2870.0 | 45.3      |
| 0°-180°   | 6329.7 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1145 | 1145 | 1145 | 1145 | 1145 |      |
| 5°   | 1360 | 1146 | 1015 | 1146 | 1360 | 141  |
| 15°  | 2025 | 1096 | 828  | 1096 | 2025 | 585  |
| 25°  | 2403 | 1000 | 731  | 1000 | 2403 | 1054 |
| 35°  | 1295 | 878  | 671  | 878  | 1295 | 841  |
| 45°  | 699  | 721  | 570  | 721  | 699  | 553  |
| 55°  | 475  | 508  | 453  | 508  | 475  | 426  |
| 65°  | 308  | 313  | 320  | 313  | 308  | 307  |
| 75°  | 159  | 149  | 171  | 149  | 159  | 170  |
| 85°  | 37   | 30   | 33   | 30   | 37   | 44   |
| 90°  | 24   | 1    | 24   | 1    | 24   | 14   |
| 95°  | 64   | 48   | 64   | 48   | 64   | 65   |
| 105° | 194  | 183  | 194  | 183  | 194  | 206  |
| 115° | 347  | 346  | 347  | 346  | 347  | 343  |
| 125° | 500  | 506  | 500  | 506  | 500  | 448  |
| 135° | 656  | 657  | 656  | 657  | 656  | 504  |
| 145° | 797  | 797  | 797  | 797  | 797  | 497  |
| 155° | 911  | 912  | 911  | 912  | 911  | 419  |
| 165° | 990  | 994  | 990  | 994  | 990  | 279  |
| 175° | 1030 | 1034 | 1030 | 1034 | 1030 | 98   |
| 180° | 1036 | 1036 | 1036 | 1036 | 1036 |      |



TEST NUMBER: P332028-930

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 |
| 2.5°   | 1215.2 | 1214.4 | 1212.1 | 1213.9 | 1210.4 | 1205.5 | 1205.0 | 1200.6 | 1187.7 | 1186.8 | 1183.3 |
| 5°     | 1360.4 | 1355.9 | 1355.4 | 1354.9 | 1347.0 | 1336.5 | 1316.5 | 1314.9 | 1288.3 | 1275.0 | 1258.8 |
| 7.5°   | 1548.3 | 1550.7 | 1542.5 | 1535.5 | 1511.7 | 1496.1 | 1474.6 | 1447.2 | 1414.5 | 1381.4 | 1359.3 |
| 10°    | 1683.3 | 1701.6 | 1678.9 | 1663.3 | 1648.9 | 1621.7 | 1590.1 | 1550.7 | 1511.3 | 1465.3 | 1430.3 |
| 12.5°  | 1828.0 | 1837.0 | 1832.4 | 1817.8 | 1795.4 | 1754.0 | 1697.9 | 1654.6 | 1618.3 | 1541.6 | 1510.6 |
| 15°    | 2025.0 | 2058.9 | 2037.3 | 1987.3 | 1988.4 | 1949.1 | 1875.8 | 1795.4 | 1752.6 | 1685.5 | 1594.0 |
| 17.5°  | 2235.0 | 2239.2 | 2230.0 | 2188.3 | 2160.6 | 2106.5 | 2038.9 | 1961.8 | 1875.3 | 1794.0 | 1697.0 |
| 20°    | 2346.8 | 2343.5 | 2324.1 | 2302.4 | 2254.7 | 2212.6 | 2138.8 | 2052.8 | 1941.8 | 1861.9 | 1756.0 |
| 22.5°  | 2409.0 | 2403.4 | 2394.2 | 2376.1 | 2336.4 | 2291.2 | 2224.9 | 2130.9 | 2025.3 | 1915.2 | 1792.8 |
| 25°    | 2403.4 | 2410.6 | 2411.7 | 2406.8 | 2392.9 | 2365.7 | 2313.5 | 2238.6 | 2133.2 | 1991.8 | 1864.2 |
| 27.5°  | 2185.9 | 2196.2 | 2225.8 | 2252.1 | 2281.5 | 2311.5 | 2307.5 | 2270.3 | 2192.3 | 2070.0 | 1914.1 |
| 30°    | 1968.5 | 1946.3 | 2001.2 | 2070.5 | 2117.7 | 2200.9 | 2247.5 | 2250.3 | 2206.4 | 2101.6 | 1949.5 |
| 32.5°  | 1666.6 | 1691.0 | 1715.3 | 1800.7 | 1903.7 | 1997.2 | 2089.9 | 2164.6 | 2173.2 | 2103.4 | 1970.4 |
| 35°    | 1294.9 | 1325.4 | 1369.8 | 1414.2 | 1525.2 | 1620.6 | 1783.7 | 1925.7 | 2038.9 | 2053.9 | 1972.3 |
| 37.5°  | 1043.5 | 1058.6 | 1086.6 | 1131.1 | 1203.7 | 1316.9 | 1443.1 | 1622.6 | 1786.6 | 1908.5 | 1913.8 |
| 40°    | 912.1  | 916.6  | 948.2  | 982.0  | 1040.8 | 1134.0 | 1247.7 | 1406.4 | 1602.8 | 1773.2 | 1844.2 |
| 42.5°  | 813.6  | 823.3  | 836.7  | 869.3  | 916.1  | 986.2  | 1091.9 | 1223.1 | 1403.1 | 1599.1 | 1738.1 |
| 45°    | 699.0  | 710.1  | 718.4  | 740.1  | 773.4  | 820.5  | 894.4  | 1014.2 | 1151.2 | 1353.7 | 1540.7 |
| 47.5°  | 623.4  | 624.3  | 630.5  | 646.8  | 669.4  | 704.8  | 757.0  | 834.0  | 959.8  | 1124.1 | 1316.0 |
| 50°    | 569.2  | 578.1  | 580.3  | 593.0  | 610.8  | 636.9  | 680.2  | 745.7  | 848.9  | 993.1  | 1169.5 |
| 52.5°  | 531.1  | 533.7  | 540.0  | 549.2  | 564.7  | 585.0  | 622.5  | 673.8  | 754.7  | 877.7  | 1039.9 |
| 55°    | 474.9  | 474.9  | 481.0  | 488.2  | 497.1  | 515.4  | 540.4  | 578.1  | 639.7  | 735.2  | 869.4  |
| 57.5°  | 423.0  | 425.7  | 430.1  | 432.3  | 439.9  | 451.9  | 472.8  | 501.4  | 547.4  | 620.9  | 727.6  |
| 60°    | 388.3  | 393.4  | 392.8  | 397.2  | 403.9  | 413.4  | 431.0  | 454.4  | 495.5  | 554.2  | 644.2  |
| 62.5°  | 358.2  | 357.8  | 357.8  | 363.1  | 369.7  | 378.7  | 390.3  | 410.4  | 445.3  | 497.4  | 574.0  |
| 65°    | 308.5  | 307.4  | 311.3  | 314.5  | 316.8  | 323.4  | 332.3  | 350.1  | 373.4  | 412.2  | 471.6  |
| 67.5°  | 264.3  | 261.1  | 263.2  | 264.3  | 268.1  | 273.3  | 281.6  | 292.6  | 311.1  | 342.3  | 387.0  |
| 70°    | 234.2  | 231.4  | 230.8  | 231.9  | 235.2  | 239.1  | 245.2  | 255.8  | 273.0  | 297.9  | 330.7  |
| 72.5°  | 203.1  | 201.1  | 201.1  | 203.5  | 205.0  | 207.6  | 211.9  | 221.6  | 235.2  | 254.0  | 284.5  |
| 75°    | 158.7  | 158.7  | 158.7  | 159.2  | 160.9  | 163.1  | 166.4  | 171.5  | 182.0  | 195.3  | 215.8  |
| 77.5°  | 119.0  | 118.9  | 118.1  | 118.1  | 120.5  | 121.5  | 122.3  | 126.9  | 132.8  | 141.8  | 156.8  |
| 80°    | 93.2   | 90.4   | 91.6   | 93.2   | 94.3   | 94.9   | 96.5   | 97.7   | 102.6  | 107.6  | 118.1  |
| 82.5°  | 69.2   | 66.9   | 67.1   | 69.7   | 69.9   | 70.4   | 72.2   | 73.7   | 75.6   | 80.1   | 85.8   |
| 85°    | 36.6   | 36.6   | 37.2   | 37.2   | 37.7   | 37.2   | 38.8   | 39.4   | 39.4   | 42.2   | 45.5   |
| 87.5°  | 18.2   | 17.2   | 17.6   | 18.0   | 17.4   | 17.8   | 18.1   | 18.4   | 18.7   | 19.0   | 19.0   |
| 90°    | 24.4   | 24.1   | 23.7   | 23.3   | 23.0   | 22.4   | 21.7   | 21.0   | 20.2   | 19.6   | 17.2   |
| 92.5°  | 32.9   | 33.1   | 33.3   | 33.5   | 33.8   | 33.6   | 33.0   | 32.4   | 31.8   | 31.2   | 29.9   |
| 95°    | 63.5   | 63.5   | 63.5   | 63.5   | 63.5   | 63.1   | 62.4   | 61.6   | 61.0   | 60.3   | 58.8   |
| 97.5°  | 97.7   | 97.8   | 97.8   | 97.9   | 97.9   | 97.6   | 96.8   | 95.9   | 95.1   | 94.2   | 93.2   |
| 100°   | 123.7  | 123.4  | 122.9  | 122.6  | 122.3  | 121.8  | 121.2  | 120.7  | 120.2  | 119.6  | 118.7  |
| 102.5° | 150.4  | 150.5  | 150.5  | 150.6  | 150.7  | 150.4  | 149.9  | 149.4  | 148.8  | 148.3  | 147.1  |
| 105°   | 193.7  | 193.3  | 193.0  | 192.6  | 192.2  | 192.1  | 192.1  | 192.1  | 192.1  | 192.1  | 190.5  |
| 107.5° | 238.8  | 239.0  | 239.2  | 239.5  | 239.6  | 239.5  | 238.9  | 238.3  | 237.7  | 237.2  | 236.5  |
| 110°   | 269.4  | 269.8  | 270.1  | 270.4  | 270.8  | 270.7  | 269.9  | 269.2  | 268.5  | 267.7  | 267.4  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 301.9  | 302.0  | 302.1  | 302.1  | 302.2  | 301.8  | 300.9  | 300.1  | 299.2  | 298.3  | 298.3  |
| 115°   | 346.7  | 346.9  | 347.1  | 347.2  | 347.4  | 347.4  | 347.2  | 347.1  | 346.9  | 346.7  | 347.1  |
| 117.5° | 392.1  | 392.6  | 393.1  | 393.6  | 394.1  | 394.4  | 394.4  | 394.4  | 394.5  | 394.5  | 395.0  |
| 120°   | 424.0  | 424.4  | 424.8  | 425.1  | 425.4  | 425.7  | 425.9  | 426.1  | 426.2  | 426.5  | 427.4  |
| 122.5° | 454.6  | 455.1  | 455.6  | 456.2  | 456.6  | 457.1  | 457.6  | 458.0  | 458.5  | 459.0  | 459.5  |
| 125°   | 500.5  | 501.2  | 502.0  | 502.7  | 503.4  | 504.1  | 504.8  | 505.6  | 506.3  | 507.0  | 507.4  |
| 127.5° | 546.3  | 547.1  | 547.9  | 548.8  | 549.6  | 550.5  | 551.5  | 552.5  | 553.5  | 554.6  | 555.0  |
| 130°   | 576.2  | 577.5  | 578.7  | 580.0  | 581.2  | 582.3  | 582.9  | 583.7  | 584.4  | 585.1  | 585.7  |
| 132.5° | 607.5  | 608.5  | 609.4  | 610.4  | 611.4  | 612.3  | 613.2  | 614.0  | 614.9  | 615.7  | 616.1  |
| 135°   | 656.0  | 656.3  | 656.6  | 657.0  | 657.4  | 657.9  | 658.7  | 659.4  | 660.1  | 660.8  | 661.0  |
| 137.5° | 698.8  | 699.4  | 700.1  | 700.8  | 701.5  | 702.2  | 703.0  | 703.8  | 704.5  | 705.2  | 704.8  |
| 140°   | 726.8  | 728.1  | 729.3  | 730.6  | 731.8  | 732.5  | 732.7  | 732.9  | 733.1  | 733.3  | 733.1  |
| 142.5° | 755.4  | 756.4  | 757.3  | 758.3  | 759.3  | 759.9  | 760.1  | 760.3  | 760.4  | 760.6  | 760.3  |
| 145°   | 796.7  | 797.4  | 798.2  | 798.9  | 799.6  | 800.1  | 800.3  | 800.5  | 800.6  | 800.8  | 800.3  |
| 147.5° | 833.6  | 834.6  | 835.7  | 836.8  | 837.9  | 838.5  | 838.5  | 838.5  | 838.5  | 838.5  | 837.9  |
| 150°   | 857.0  | 858.0  | 859.2  | 860.2  | 861.3  | 861.9  | 861.9  | 861.9  | 861.9  | 861.9  | 861.5  |
| 152.5° | 879.8  | 880.7  | 881.7  | 882.6  | 883.5  | 883.9  | 883.5  | 883.3  | 883.0  | 882.7  | 882.5  |
| 155°   | 910.7  | 911.9  | 913.2  | 914.5  | 915.7  | 916.0  | 915.3  | 914.6  | 913.9  | 913.1  | 913.0  |
| 157.5° | 938.8  | 939.9  | 940.9  | 941.9  | 942.9  | 943.1  | 942.2  | 941.5  | 940.8  | 940.0  | 939.9  |
| 160°   | 957.1  | 957.8  | 958.5  | 959.3  | 959.9  | 959.9  | 959.0  | 958.1  | 957.2  | 956.3  | 956.3  |
| 162.5° | 970.8  | 971.9  | 973.1  | 974.2  | 975.3  | 975.5  | 974.6  | 973.7  | 972.8  | 971.9  | 971.8  |
| 165°   | 990.4  | 991.7  | 993.0  | 994.3  | 995.5  | 995.6  | 994.5  | 993.4  | 992.3  | 991.2  | 991.2  |
| 167.5° | 1007.2 | 1008.4 | 1009.4 | 1010.6 | 1011.7 | 1011.7 | 1010.6 | 1009.4 | 1008.4 | 1007.2 | 1007.1 |
| 170°   | 1015.7 | 1016.9 | 1018.2 | 1019.5 | 1020.8 | 1020.8 | 1019.5 | 1018.2 | 1016.9 | 1015.7 | 1015.7 |
| 172.5° | 1022.1 | 1023.4 | 1024.7 | 1026.0 | 1027.3 | 1027.3 | 1026.2 | 1025.1 | 1023.9 | 1022.8 | 1022.8 |
| 175°   | 1029.5 | 1030.8 | 1032.0 | 1033.3 | 1034.5 | 1034.7 | 1033.6 | 1032.5 | 1031.4 | 1030.3 | 1030.3 |
| 177.5° | 1033.4 | 1034.5 | 1035.4 | 1036.5 | 1037.5 | 1037.5 | 1036.7 | 1035.8 | 1034.9 | 1034.0 | 1034.0 |
| 180°   | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 |



TEST NUMBER: P332028-930

CATALOG NUMBER: S123DIP-S1000D1025U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 |
| 2.5°   | 1180.6 | 1177.0 | 1173.5 | 1167.3 | 1162.0 | 1154.5 | 1152.2 | 1149.6 | 1141.6 | 1134.5 | 1129.1 |
| 5°     | 1252.7 | 1239.4 | 1220.0 | 1202.2 | 1187.8 | 1168.4 | 1157.3 | 1145.7 | 1129.0 | 1114.0 | 1101.9 |
| 7.5°   | 1328.2 | 1302.0 | 1271.9 | 1239.2 | 1208.8 | 1179.5 | 1155.8 | 1134.8 | 1111.5 | 1089.4 | 1072.2 |
| 10°    | 1388.1 | 1350.4 | 1308.2 | 1262.7 | 1223.9 | 1186.2 | 1154.5 | 1126.8 | 1096.8 | 1070.7 | 1049.1 |
| 12.5°  | 1456.5 | 1400.5 | 1342.4 | 1287.1 | 1241.2 | 1188.9 | 1150.6 | 1115.2 | 1081.3 | 1049.9 | 1025.6 |
| 15°    | 1537.3 | 1466.3 | 1397.6 | 1321.5 | 1251.6 | 1186.2 | 1140.7 | 1096.3 | 1056.9 | 1024.7 | 993.7  |
| 17.5°  | 1611.0 | 1530.6 | 1439.9 | 1347.5 | 1263.1 | 1185.5 | 1121.9 | 1071.6 | 1022.4 | 983.0  | 952.0  |
| 20°    | 1652.8 | 1561.2 | 1458.6 | 1362.6 | 1269.4 | 1182.8 | 1113.0 | 1053.0 | 999.7  | 958.1  | 923.2  |
| 22.5°  | 1688.7 | 1581.6 | 1475.4 | 1372.8 | 1268.9 | 1175.7 | 1096.5 | 1034.9 | 977.1  | 936.4  | 899.2  |
| 25°    | 1726.0 | 1597.8 | 1491.3 | 1370.9 | 1255.0 | 1158.5 | 1069.7 | 999.7  | 942.1  | 894.4  | 856.1  |
| 27.5°  | 1757.9 | 1596.8 | 1470.3 | 1340.8 | 1233.0 | 1136.2 | 1041.5 | 966.5  | 905.2  | 853.4  | 814.6  |
| 30°    | 1779.2 | 1599.0 | 1448.6 | 1320.5 | 1211.7 | 1111.8 | 1019.7 | 944.3  | 880.0  | 827.2  | 790.6  |
| 32.5°  | 1792.6 | 1597.6 | 1428.6 | 1292.0 | 1177.9 | 1089.6 | 996.2  | 918.1  | 852.0  | 800.1  | 764.8  |
| 35°    | 1800.3 | 1587.9 | 1394.2 | 1233.3 | 1123.5 | 1037.5 | 959.3  | 878.2  | 808.9  | 760.7  | 720.7  |
| 37.5°  | 1784.8 | 1567.3 | 1354.3 | 1176.7 | 1056.5 | 971.8  | 906.0  | 837.0  | 770.6  | 717.5  | 683.1  |
| 40°    | 1760.4 | 1554.0 | 1323.2 | 1136.8 | 1010.3 | 928.7  | 872.7  | 805.0  | 739.6  | 689.1  | 656.9  |
| 42.5°  | 1713.8 | 1526.9 | 1289.1 | 1092.4 | 962.4  | 880.8  | 829.2  | 772.7  | 710.7  | 663.3  | 631.1  |
| 45°    | 1600.0 | 1468.0 | 1237.8 | 1025.8 | 891.5  | 807.2  | 761.7  | 720.7  | 664.6  | 618.6  | 590.8  |
| 47.5°  | 1442.3 | 1379.3 | 1163.7 | 955.6  | 817.7  | 736.5  | 689.3  | 656.2  | 615.3  | 578.1  | 551.5  |
| 50°    | 1332.6 | 1306.6 | 1113.5 | 907.7  | 768.4  | 689.1  | 643.6  | 613.6  | 584.2  | 547.1  | 522.6  |
| 52.5°  | 1206.2 | 1222.2 | 1054.9 | 857.9  | 718.3  | 640.3  | 597.5  | 573.6  | 546.9  | 516.4  | 495.1  |
| 55°    | 1028.1 | 1086.3 | 953.7  | 774.5  | 643.6  | 569.2  | 528.7  | 507.6  | 492.1  | 469.4  | 451.0  |
| 57.5°  | 861.3  | 935.4  | 844.3  | 688.5  | 570.2  | 506.1  | 467.2  | 444.3  | 434.3  | 422.4  | 408.0  |
| 60°    | 762.3  | 835.5  | 766.2  | 630.8  | 521.0  | 459.9  | 425.5  | 406.1  | 396.2  | 387.8  | 375.6  |
| 62.5°  | 674.0  | 748.1  | 689.8  | 572.3  | 472.5  | 416.0  | 386.0  | 367.0  | 359.3  | 355.0  | 344.5  |
| 65°    | 552.6  | 616.4  | 577.6  | 481.0  | 403.3  | 353.4  | 326.2  | 312.9  | 305.7  | 304.0  | 297.3  |
| 67.5°  | 449.7  | 498.3  | 470.0  | 399.0  | 337.9  | 294.7  | 271.7  | 260.3  | 254.8  | 254.2  | 249.2  |
| 70°    | 382.3  | 427.8  | 406.1  | 341.8  | 289.0  | 255.2  | 235.2  | 225.3  | 221.9  | 221.4  | 218.6  |
| 72.5°  | 329.9  | 361.6  | 344.4  | 290.7  | 250.0  | 219.2  | 204.6  | 194.2  | 190.4  | 191.2  | 189.3  |
| 75°    | 244.1  | 268.0  | 258.0  | 220.8  | 188.1  | 168.1  | 155.9  | 149.3  | 145.9  | 147.6  | 145.4  |
| 77.5°  | 175.6  | 190.8  | 181.7  | 156.0  | 135.8  | 121.4  | 112.4  | 108.3  | 105.3  | 105.2  | 104.2  |
| 80°    | 132.6  | 141.5  | 136.5  | 120.9  | 104.3  | 92.1   | 84.9   | 82.1   | 80.5   | 79.9   | 79.3   |
| 82.5°  | 94.4   | 102.0  | 96.1   | 85.4   | 74.1   | 66.8   | 62.7   | 59.0   | 57.8   | 58.1   | 57.6   |
| 85°    | 47.7   | 50.5   | 48.3   | 41.6   | 37.2   | 33.8   | 31.6   | 29.9   | 28.9   | 29.4   | 28.3   |
| 87.5°  | 19.4   | 19.3   | 17.5   | 15.4   | 14.1   | 12.4   | 12.1   | 10.8   | 10.3   | 10.7   | 10.6   |
| 90°    | 14.8   | 12.5   | 10.1   | 8.1    | 6.3    | 4.4    | 2.6    | 0.8    | 2.6    | 4.4    | 6.3    |
| 92.5°  | 28.5   | 27.2   | 25.9   | 24.6   | 23.4   | 22.2   | 21.0   | 19.7   | 21.0   | 22.2   | 23.4   |
| 95°    | 57.3   | 55.8   | 54.5   | 53.1   | 51.9   | 50.5   | 49.2   | 48.0   | 49.2   | 50.5   | 51.9   |
| 97.5°  | 92.1   | 91.1   | 90.0   | 89.0   | 88.1   | 87.2   | 86.3   | 85.3   | 86.3   | 87.2   | 88.1   |
| 100°   | 117.8  | 116.9  | 116.0  | 115.0  | 113.9  | 112.8  | 111.8  | 110.7  | 111.8  | 112.8  | 113.9  |
| 102.5° | 145.9  | 144.7  | 143.5  | 142.6  | 141.9  | 141.3  | 140.6  | 140.0  | 140.6  | 141.3  | 141.9  |
| 105°   | 188.8  | 187.2  | 185.6  | 184.6  | 184.2  | 183.8  | 183.4  | 183.1  | 183.4  | 183.8  | 184.2  |
| 107.5° | 235.9  | 235.2  | 234.6  | 234.2  | 233.9  | 233.7  | 233.5  | 233.3  | 233.5  | 233.7  | 233.9  |
| 110°   | 267.0  | 266.7  | 266.3  | 266.0  | 265.5  | 265.2  | 264.9  | 264.5  | 264.9  | 265.2  | 265.5  |





TEST NUMBER: P332028-930

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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 298.2  | 298.2  | 298.1  | 297.9  | 297.7  | 297.5  | 297.3  | 297.0  | 297.3  | 297.5  | 297.7  |
| 115°   | 347.4  | 347.8  | 348.1  | 348.1  | 347.5  | 347.0  | 346.4  | 345.8  | 346.4  | 347.0  | 347.5  |
| 117.5° | 395.5  | 396.0  | 396.4  | 396.5  | 396.2  | 395.7  | 395.4  | 395.0  | 395.4  | 395.7  | 396.2  |
| 120°   | 428.3  | 429.2  | 430.1  | 430.0  | 428.9  | 427.8  | 426.7  | 425.7  | 426.7  | 427.8  | 428.9  |
| 122.5° | 459.9  | 460.4  | 460.9  | 460.7  | 459.9  | 459.1  | 458.4  | 457.5  | 458.4  | 459.1  | 459.9  |
| 125°   | 507.8  | 508.1  | 508.5  | 508.3  | 507.8  | 507.3  | 506.8  | 506.2  | 506.8  | 507.3  | 507.8  |
| 127.5° | 555.4  | 555.7  | 556.1  | 555.8  | 554.6  | 553.4  | 552.3  | 551.1  | 552.3  | 553.4  | 554.6  |
| 130°   | 586.2  | 586.8  | 587.3  | 586.9  | 585.4  | 584.0  | 582.5  | 581.1  | 582.5  | 584.0  | 585.4  |
| 132.5° | 616.5  | 616.9  | 617.3  | 616.9  | 615.4  | 613.9  | 612.5  | 611.1  | 612.5  | 613.9  | 615.4  |
| 135°   | 661.2  | 661.4  | 661.5  | 661.1  | 660.0  | 658.9  | 657.9  | 656.8  | 657.9  | 658.9  | 660.0  |
| 137.5° | 704.3  | 703.8  | 703.4  | 702.7  | 701.8  | 700.9  | 700.0  | 699.1  | 700.0  | 700.9  | 701.8  |
| 140°   | 732.9  | 732.7  | 732.5  | 732.0  | 731.1  | 730.2  | 729.3  | 728.4  | 729.3  | 730.2  | 731.1  |
| 142.5° | 759.9  | 759.6  | 759.3  | 758.7  | 757.8  | 756.9  | 755.9  | 755.0  | 755.9  | 756.9  | 757.8  |
| 145°   | 799.7  | 799.2  | 798.7  | 798.2  | 797.9  | 797.4  | 797.1  | 796.7  | 797.1  | 797.4  | 797.9  |
| 147.5° | 837.4  | 836.9  | 836.4  | 835.8  | 835.2  | 834.5  | 833.9  | 833.2  | 833.9  | 834.5  | 835.2  |
| 150°   | 861.1  | 860.8  | 860.4  | 860.1  | 859.7  | 859.3  | 859.0  | 858.6  | 859.0  | 859.3  | 859.7  |
| 152.5° | 882.2  | 882.1  | 881.8  | 881.4  | 880.9  | 880.4  | 880.0  | 879.5  | 880.0  | 880.4  | 880.9  |
| 155°   | 912.7  | 912.6  | 912.4  | 912.3  | 912.3  | 912.3  | 912.3  | 912.3  | 912.3  | 912.3  | 912.3  |
| 157.5° | 939.7  | 939.6  | 939.4  | 939.5  | 939.6  | 939.9  | 940.1  | 940.3  | 940.1  | 939.9  | 939.6  |
| 160°   | 956.3  | 956.3  | 956.3  | 956.4  | 956.8  | 957.2  | 957.5  | 957.9  | 957.5  | 957.2  | 956.8  |
| 162.5° | 971.6  | 971.4  | 971.3  | 971.5  | 972.0  | 972.5  | 973.0  | 973.5  | 973.0  | 972.5  | 972.0  |
| 165°   | 991.2  | 991.2  | 991.2  | 991.6  | 992.1  | 992.6  | 993.1  | 993.7  | 993.1  | 992.6  | 992.1  |
| 167.5° | 1006.9 | 1006.8 | 1006.7 | 1006.9 | 1007.6 | 1008.4 | 1009.1 | 1009.8 | 1009.1 | 1008.4 | 1007.6 |
| 170°   | 1015.7 | 1015.7 | 1015.7 | 1016.0 | 1016.8 | 1017.5 | 1018.2 | 1019.0 | 1018.2 | 1017.5 | 1016.8 |
| 172.5° | 1022.8 | 1022.8 | 1022.8 | 1023.2 | 1023.9 | 1024.7 | 1025.4 | 1026.1 | 1025.4 | 1024.7 | 1023.9 |
| 175°   | 1030.3 | 1030.3 | 1030.3 | 1030.7 | 1031.4 | 1032.1 | 1032.8 | 1033.6 | 1032.8 | 1032.1 | 1031.4 |
| 177.5° | 1034.0 | 1034.0 | 1034.0 | 1034.4 | 1034.9 | 1035.5 | 1036.1 | 1036.7 | 1036.1 | 1035.5 | 1034.9 |
| 180°   | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 |



TEST NUMBER: P332028-930

CATALOG NUMBER: S123DIP-S1000D1025U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 |
| 2.5°   | 1126.0 | 1122.9 | 1118.5 | 1111.8 | 1106.5 | 1098.0 | 1098.0 | 1099.4 | 1099.4 | 1098.9 | 1098.0 |
| 5°     | 1091.8 | 1083.5 | 1073.6 | 1061.9 | 1049.7 | 1037.5 | 1035.3 | 1030.9 | 1027.5 | 1025.2 | 1022.5 |
| 7.5°   | 1055.8 | 1041.1 | 1026.5 | 1010.2 | 995.3  | 983.0  | 974.4  | 967.4  | 962.8  | 957.9  | 954.4  |
| 10°    | 1031.4 | 1013.1 | 995.9  | 978.7  | 959.8  | 944.9  | 935.4  | 928.7  | 923.7  | 919.3  | 917.1  |
| 12.5°  | 1002.5 | 981.5  | 962.6  | 946.2  | 925.6  | 910.2  | 901.2  | 898.1  | 892.3  | 882.9  | 878.0  |
| 15°    | 960.3  | 940.9  | 918.2  | 893.2  | 883.2  | 864.4  | 853.9  | 848.9  | 845.5  | 838.3  | 836.1  |
| 17.5°  | 924.3  | 898.9  | 873.3  | 854.8  | 836.2  | 820.9  | 815.0  | 808.8  | 804.4  | 798.5  | 796.7  |
| 20°    | 895.4  | 872.7  | 849.4  | 829.4  | 810.0  | 793.4  | 788.4  | 783.9  | 779.5  | 776.7  | 774.5  |
| 22.5°  | 866.2  | 843.4  | 824.1  | 805.4  | 784.7  | 773.8  | 768.4  | 763.5  | 760.4  | 758.6  | 756.3  |
| 25°    | 825.0  | 805.0  | 783.4  | 766.7  | 750.1  | 742.9  | 739.6  | 736.8  | 734.6  | 731.8  | 731.2  |
| 27.5°  | 788.1  | 766.4  | 748.9  | 733.4  | 721.4  | 715.3  | 712.2  | 710.8  | 711.3  | 712.2  | 712.9  |
| 30°    | 760.7  | 740.7  | 726.3  | 712.9  | 701.8  | 696.3  | 695.7  | 695.7  | 698.0  | 698.5  | 699.6  |
| 32.5°  | 735.3  | 718.9  | 704.5  | 691.6  | 683.2  | 679.4  | 681.5  | 681.5  | 683.3  | 684.8  | 686.7  |
| 35°    | 698.5  | 684.0  | 672.9  | 661.9  | 654.7  | 656.3  | 657.5  | 658.5  | 661.3  | 664.6  | 666.9  |
| 37.5°  | 663.3  | 650.8  | 639.3  | 630.6  | 627.3  | 630.2  | 632.9  | 635.3  | 638.5  | 641.0  | 643.3  |
| 40°    | 638.1  | 628.6  | 617.5  | 609.8  | 610.8  | 612.5  | 614.7  | 617.5  | 620.3  | 621.9  | 624.2  |
| 42.5°  | 614.5  | 604.6  | 596.2  | 589.8  | 591.3  | 593.5  | 594.8  | 596.2  | 599.4  | 602.4  | 603.7  |
| 45°    | 578.7  | 570.9  | 563.1  | 559.2  | 560.4  | 561.5  | 562.6  | 564.3  | 567.0  | 569.2  | 569.8  |
| 47.5°  | 538.3  | 533.0  | 527.7  | 524.0  | 525.7  | 525.3  | 526.8  | 530.3  | 531.2  | 532.5  | 535.6  |
| 50°    | 512.7  | 507.6  | 501.6  | 500.4  | 500.4  | 500.4  | 501.0  | 505.4  | 505.4  | 507.6  | 509.9  |
| 52.5°  | 484.2  | 481.0  | 477.1  | 475.2  | 474.3  | 474.3  | 476.5  | 478.8  | 479.7  | 482.8  | 485.0  |
| 55°    | 442.2  | 438.9  | 435.5  | 433.8  | 432.8  | 433.8  | 438.3  | 439.4  | 442.2  | 443.8  | 445.5  |
| 57.5°  | 398.4  | 395.8  | 393.1  | 392.2  | 392.0  | 393.5  | 395.9  | 399.3  | 399.9  | 405.0  | 407.6  |
| 60°    | 369.5  | 365.6  | 363.4  | 363.4  | 362.3  | 367.3  | 366.2  | 371.7  | 372.8  | 376.2  | 380.0  |
| 62.5°  | 339.7  | 334.5  | 333.6  | 333.6  | 335.3  | 336.6  | 338.2  | 340.6  | 343.6  | 347.7  | 350.7  |
| 65°    | 291.8  | 289.0  | 292.9  | 292.4  | 291.3  | 294.6  | 294.6  | 297.3  | 300.7  | 304.6  | 310.7  |
| 67.5°  | 246.5  | 245.0  | 245.3  | 245.3  | 247.0  | 248.9  | 250.5  | 252.9  | 256.9  | 261.0  | 265.0  |
| 70°    | 215.8  | 217.5  | 214.7  | 217.0  | 218.6  | 219.2  | 220.3  | 223.6  | 228.0  | 230.8  | 235.2  |
| 72.5°  | 186.1  | 186.0  | 186.3  | 187.2  | 188.8  | 189.9  | 190.9  | 194.8  | 199.6  | 201.9  | 205.5  |
| 75°    | 143.2  | 142.6  | 144.2  | 144.2  | 147.0  | 148.1  | 149.3  | 150.9  | 155.3  | 158.7  | 161.4  |
| 77.5°  | 104.5  | 105.2  | 104.8  | 106.7  | 106.0  | 106.2  | 109.7  | 111.3  | 111.8  | 118.3  | 119.8  |
| 80°    | 78.8   | 79.9   | 80.5   | 81.0   | 81.5   | 80.5   | 84.3   | 86.0   | 86.0   | 89.8   | 92.6   |
| 82.5°  | 56.6   | 57.2   | 58.7   | 59.3   | 59.4   | 60.5   | 60.8   | 62.0   | 63.3   | 65.1   | 68.6   |
| 85°    | 28.3   | 29.9   | 30.5   | 29.9   | 30.5   | 29.4   | 31.1   | 31.6   | 32.2   | 32.2   | 32.2   |
| 87.5°  | 10.5   | 11.3   | 11.3   | 12.3   | 12.3   | 13.2   | 13.4   | 12.6   | 12.8   | 14.3   | 12.6   |
| 90°    | 8.1    | 10.1   | 12.5   | 14.8   | 17.2   | 19.6   | 20.2   | 21.0   | 21.7   | 22.4   | 23.0   |
| 92.5°  | 24.6   | 25.9   | 27.2   | 28.5   | 29.9   | 31.2   | 31.8   | 32.4   | 33.0   | 33.6   | 33.8   |
| 95°    | 53.1   | 54.5   | 55.8   | 57.3   | 58.8   | 60.3   | 61.0   | 61.6   | 62.4   | 63.1   | 63.5   |
| 97.5°  | 89.0   | 90.0   | 91.1   | 92.1   | 93.2   | 94.2   | 95.1   | 95.9   | 96.8   | 97.6   | 97.9   |
| 100°   | 115.0  | 116.0  | 116.9  | 117.8  | 118.7  | 119.6  | 120.2  | 120.7  | 121.2  | 121.8  | 122.3  |
| 102.5° | 142.6  | 143.5  | 144.7  | 145.9  | 147.1  | 148.3  | 148.8  | 149.4  | 149.9  | 150.4  | 150.7  |
| 105°   | 184.6  | 185.6  | 187.2  | 188.8  | 190.5  | 192.1  | 192.1  | 192.1  | 192.1  | 192.1  | 192.2  |
| 107.5° | 234.2  | 234.6  | 235.2  | 235.9  | 236.5  | 237.2  | 237.7  | 238.3  | 238.9  | 239.5  | 239.6  |
| 110°   | 266.0  | 266.3  | 266.7  | 267.0  | 267.4  | 267.7  | 268.5  | 269.2  | 269.9  | 270.7  | 270.8  |



TEST NUMBER: P332028-930

CATALOG NUMBER: S123DIP-S1000D1025U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 297.9  | 298.1  | 298.2  | 298.2  | 298.3  | 298.3  | 299.2  | 300.1  | 300.9  | 301.8  | 302.2  |
| 115°   | 348.1  | 348.1  | 347.8  | 347.4  | 347.1  | 346.7  | 346.9  | 347.1  | 347.2  | 347.4  | 347.4  |
| 117.5° | 396.5  | 396.4  | 396.0  | 395.5  | 395.0  | 394.5  | 394.5  | 394.4  | 394.4  | 394.4  | 394.1  |
| 120°   | 430.0  | 430.1  | 429.2  | 428.3  | 427.4  | 426.5  | 426.2  | 426.1  | 425.9  | 425.7  | 425.4  |
| 122.5° | 460.7  | 460.9  | 460.4  | 459.9  | 459.5  | 459.0  | 458.5  | 458.0  | 457.6  | 457.1  | 456.6  |
| 125°   | 508.3  | 508.5  | 508.1  | 507.8  | 507.4  | 507.0  | 506.3  | 505.6  | 504.8  | 504.1  | 503.4  |
| 127.5° | 555.8  | 556.1  | 555.7  | 555.4  | 555.0  | 554.6  | 553.5  | 552.5  | 551.5  | 550.5  | 549.6  |
| 130°   | 586.9  | 587.3  | 586.8  | 586.2  | 585.7  | 585.1  | 584.4  | 583.7  | 582.9  | 582.3  | 581.2  |
| 132.5° | 616.9  | 617.3  | 616.9  | 616.5  | 616.1  | 615.7  | 614.9  | 614.0  | 613.2  | 612.3  | 611.4  |
| 135°   | 661.1  | 661.5  | 661.4  | 661.2  | 661.0  | 660.8  | 660.1  | 659.4  | 658.7  | 657.9  | 657.4  |
| 137.5° | 702.7  | 703.4  | 703.8  | 704.3  | 704.8  | 705.2  | 704.5  | 703.8  | 703.0  | 702.2  | 701.5  |
| 140°   | 732.0  | 732.5  | 732.7  | 732.9  | 733.1  | 733.3  | 733.1  | 732.9  | 732.7  | 732.5  | 731.8  |
| 142.5° | 758.7  | 759.3  | 759.6  | 759.9  | 760.3  | 760.6  | 760.4  | 760.3  | 760.1  | 759.9  | 759.3  |
| 145°   | 798.2  | 798.7  | 799.2  | 799.7  | 800.3  | 800.8  | 800.6  | 800.5  | 800.3  | 800.1  | 799.6  |
| 147.5° | 835.8  | 836.4  | 836.9  | 837.4  | 837.9  | 838.5  | 838.5  | 838.5  | 838.5  | 838.5  | 837.9  |
| 150°   | 860.1  | 860.4  | 860.8  | 861.1  | 861.5  | 861.9  | 861.9  | 861.9  | 861.9  | 861.9  | 861.3  |
| 152.5° | 881.4  | 881.8  | 882.1  | 882.2  | 882.5  | 882.7  | 883.0  | 883.3  | 883.5  | 883.9  | 883.5  |
| 155°   | 912.3  | 912.4  | 912.6  | 912.7  | 913.0  | 913.1  | 913.9  | 914.6  | 915.3  | 916.0  | 915.7  |
| 157.5° | 939.5  | 939.4  | 939.6  | 939.7  | 939.9  | 940.0  | 940.8  | 941.5  | 942.2  | 943.1  | 942.9  |
| 160°   | 956.4  | 956.3  | 956.3  | 956.3  | 956.3  | 956.3  | 957.2  | 958.1  | 959.0  | 959.9  | 959.9  |
| 162.5° | 971.5  | 971.3  | 971.4  | 971.6  | 971.8  | 971.9  | 972.8  | 973.7  | 974.6  | 975.5  | 975.3  |
| 165°   | 991.6  | 991.2  | 991.2  | 991.2  | 991.2  | 991.2  | 992.3  | 993.4  | 994.5  | 995.6  | 995.5  |
| 167.5° | 1006.9 | 1006.7 | 1006.8 | 1006.9 | 1007.1 | 1007.2 | 1008.4 | 1009.4 | 1010.6 | 1011.7 | 1011.7 |
| 170°   | 1016.0 | 1015.7 | 1015.7 | 1015.7 | 1015.7 | 1015.7 | 1016.9 | 1018.2 | 1019.5 | 1020.8 | 1020.8 |
| 172.5° | 1023.2 | 1022.8 | 1022.8 | 1022.8 | 1022.8 | 1022.8 | 1023.9 | 1025.1 | 1026.2 | 1027.3 | 1027.3 |
| 175°   | 1030.7 | 1030.3 | 1030.3 | 1030.3 | 1030.3 | 1030.3 | 1031.4 | 1032.5 | 1033.6 | 1034.7 | 1034.5 |
| 177.5° | 1034.4 | 1034.0 | 1034.0 | 1034.0 | 1034.0 | 1034.0 | 1034.9 | 1035.8 | 1036.7 | 1037.5 | 1037.5 |
| 180°   | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 |



TEST NUMBER: P332028-930

CATALOG NUMBER: S123DIP-S1000D1025U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 |
| 2.5°   | 1094.9 | 1094.5 | 1097.6 | 1095.4 | 1097.6 | 1094.5 | 1094.9 | 1098.0 | 1098.9 | 1099.4 | 1099.4 |
| 5°     | 1019.2 | 1020.8 | 1015.3 | 1015.3 | 1015.3 | 1020.8 | 1019.2 | 1022.5 | 1025.2 | 1027.5 | 1030.9 |
| 7.5°   | 951.7  | 949.3  | 949.5  | 946.5  | 949.5  | 949.3  | 951.7  | 954.4  | 957.9  | 962.8  | 967.4  |
| 10°    | 910.4  | 907.1  | 906.0  | 906.5  | 906.0  | 907.1  | 910.4  | 917.1  | 919.3  | 923.7  | 928.7  |
| 12.5°  | 876.3  | 875.6  | 868.3  | 868.4  | 868.3  | 875.6  | 876.3  | 878.0  | 882.9  | 892.3  | 898.1  |
| 15°    | 836.1  | 825.6  | 824.4  | 827.8  | 824.4  | 825.6  | 836.1  | 836.1  | 838.3  | 845.5  | 848.9  |
| 17.5°  | 795.8  | 790.3  | 790.6  | 789.0  | 790.6  | 790.3  | 795.8  | 796.7  | 798.5  | 804.4  | 808.8  |
| 20°    | 774.5  | 771.2  | 770.6  | 766.7  | 770.6  | 771.2  | 774.5  | 774.5  | 776.7  | 779.5  | 783.9  |
| 22.5°  | 755.0  | 753.9  | 754.2  | 749.9  | 754.2  | 753.9  | 755.0  | 756.3  | 758.6  | 760.4  | 763.5  |
| 25°    | 730.7  | 733.4  | 731.2  | 731.2  | 731.2  | 733.4  | 730.7  | 731.2  | 731.8  | 734.6  | 736.8  |
| 27.5°  | 714.3  | 714.1  | 713.1  | 713.1  | 713.1  | 714.1  | 714.3  | 712.9  | 712.2  | 711.3  | 710.8  |
| 30°    | 701.8  | 701.2  | 702.4  | 702.4  | 702.4  | 701.2  | 701.8  | 699.6  | 698.5  | 698.0  | 695.7  |
| 32.5°  | 689.4  | 690.2  | 690.4  | 690.8  | 690.4  | 690.2  | 689.4  | 686.7  | 684.8  | 683.3  | 681.5  |
| 35°    | 670.2  | 670.7  | 672.5  | 671.3  | 672.5  | 670.7  | 670.2  | 666.9  | 664.6  | 661.3  | 658.5  |
| 37.5°  | 644.2  | 646.8  | 646.2  | 647.1  | 646.2  | 646.8  | 644.2  | 643.3  | 641.0  | 638.5  | 635.3  |
| 40°    | 624.7  | 626.4  | 625.8  | 625.8  | 625.8  | 626.4  | 624.7  | 624.2  | 621.9  | 620.3  | 617.5  |
| 42.5°  | 604.7  | 605.9  | 604.5  | 603.6  | 604.5  | 605.9  | 604.7  | 603.7  | 602.4  | 599.4  | 596.2  |
| 45°    | 572.0  | 570.9  | 572.6  | 570.3  | 572.6  | 570.9  | 572.0  | 569.8  | 569.2  | 567.0  | 564.3  |
| 47.5°  | 535.4  | 536.5  | 537.0  | 538.6  | 537.0  | 536.5  | 535.4  | 535.6  | 532.5  | 531.2  | 530.3  |
| 50°    | 510.9  | 514.3  | 514.3  | 513.7  | 514.3  | 514.3  | 510.9  | 509.9  | 507.6  | 505.4  | 505.4  |
| 52.5°  | 487.0  | 488.5  | 490.8  | 490.6  | 490.8  | 488.5  | 487.0  | 485.0  | 482.8  | 479.7  | 478.8  |
| 55°    | 450.0  | 451.0  | 452.2  | 452.7  | 452.2  | 451.0  | 450.0  | 445.5  | 443.8  | 442.2  | 439.4  |
| 57.5°  | 411.6  | 411.1  | 413.8  | 414.6  | 413.8  | 411.1  | 411.6  | 407.6  | 405.0  | 399.9  | 399.3  |
| 60°    | 384.5  | 384.5  | 388.9  | 390.6  | 388.9  | 384.5  | 384.5  | 380.0  | 376.2  | 372.8  | 371.7  |
| 62.5°  | 355.6  | 357.4  | 361.8  | 359.5  | 361.8  | 357.4  | 355.6  | 350.7  | 347.7  | 343.6  | 340.6  |
| 65°    | 313.5  | 317.9  | 317.3  | 319.6  | 317.3  | 317.9  | 313.5  | 310.7  | 304.6  | 300.7  | 297.3  |
| 67.5°  | 269.4  | 272.1  | 276.1  | 276.5  | 276.1  | 272.1  | 269.4  | 265.0  | 261.0  | 256.9  | 252.9  |
| 70°    | 239.7  | 242.5  | 244.7  | 246.3  | 244.7  | 242.5  | 239.7  | 235.2  | 230.8  | 228.0  | 223.6  |
| 72.5°  | 210.8  | 212.3  | 217.6  | 215.2  | 217.6  | 212.3  | 210.8  | 205.5  | 201.9  | 199.6  | 194.8  |
| 75°    | 165.3  | 169.2  | 172.5  | 170.9  | 172.5  | 169.2  | 165.3  | 161.4  | 158.7  | 155.3  | 150.9  |
| 77.5°  | 122.3  | 126.1  | 127.7  | 126.3  | 127.7  | 126.1  | 122.3  | 119.8  | 118.3  | 111.8  | 111.3  |
| 80°    | 96.5   | 96.0   | 99.3   | 98.7   | 99.3   | 96.0   | 96.5   | 92.6   | 89.8   | 86.0   | 86.0   |
| 82.5°  | 70.8   | 70.3   | 71.8   | 72.2   | 71.8   | 70.3   | 70.8   | 68.6   | 65.1   | 63.3   | 62.0   |
| 85°    | 34.4   | 36.0   | 33.8   | 33.3   | 33.8   | 36.0   | 34.4   | 32.2   | 32.2   | 32.2   | 31.6   |
| 87.5°  | 12.6   | 12.7   | 12.4   | 12.0   | 12.4   | 12.7   | 12.6   | 12.6   | 14.3   | 12.8   | 12.6   |
| 90°    | 23.3   | 23.7   | 24.1   | 24.4   | 24.1   | 23.7   | 23.3   | 23.0   | 22.4   | 21.7   | 21.0   |
| 92.5°  | 33.5   | 33.3   | 33.1   | 32.9   | 33.1   | 33.3   | 33.5   | 33.8   | 33.6   | 33.0   | 32.4   |
| 95°    | 63.5   | 63.5   | 63.5   | 63.5   | 63.5   | 63.5   | 63.5   | 63.5   | 63.1   | 62.4   | 61.6   |
| 97.5°  | 97.9   | 97.8   | 97.8   | 97.7   | 97.8   | 97.8   | 97.9   | 97.9   | 97.6   | 96.8   | 95.9   |
| 100°   | 122.6  | 122.9  | 123.4  | 123.7  | 123.4  | 122.9  | 122.6  | 122.3  | 121.8  | 121.2  | 120.7  |
| 102.5° | 150.6  | 150.5  | 150.5  | 150.4  | 150.5  | 150.5  | 150.6  | 150.7  | 150.4  | 149.9  | 149.4  |
| 105°   | 192.6  | 193.0  | 193.3  | 193.7  | 193.3  | 193.0  | 192.6  | 192.2  | 192.1  | 192.1  | 192.1  |
| 107.5° | 239.5  | 239.2  | 239.0  | 238.8  | 239.0  | 239.2  | 239.5  | 239.6  | 239.5  | 238.9  | 238.3  |
| 110°   | 270.4  | 270.1  | 269.8  | 269.4  | 269.8  | 270.1  | 270.4  | 270.8  | 270.7  | 269.9  | 269.2  |



TEST NUMBER: P332028-930

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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 302.1  | 302.1  | 302.0  | 301.9  | 302.0  | 302.1  | 302.1  | 302.2  | 301.8  | 300.9  | 300.1  |
| 115°   | 347.2  | 347.1  | 346.9  | 346.7  | 346.9  | 347.1  | 347.2  | 347.4  | 347.4  | 347.2  | 347.1  |
| 117.5° | 393.6  | 393.1  | 392.6  | 392.1  | 392.6  | 393.1  | 393.6  | 394.1  | 394.4  | 394.4  | 394.4  |
| 120°   | 425.1  | 424.8  | 424.4  | 424.0  | 424.4  | 424.8  | 425.1  | 425.4  | 425.7  | 425.9  | 426.1  |
| 122.5° | 456.2  | 455.6  | 455.1  | 454.6  | 455.1  | 455.6  | 456.2  | 456.6  | 457.1  | 457.6  | 458.0  |
| 125°   | 502.7  | 502.0  | 501.2  | 500.5  | 501.2  | 502.0  | 502.7  | 503.4  | 504.1  | 504.8  | 505.6  |
| 127.5° | 548.8  | 547.9  | 547.1  | 546.3  | 547.1  | 547.9  | 548.8  | 549.6  | 550.5  | 551.5  | 552.5  |
| 130°   | 580.0  | 578.7  | 577.5  | 576.2  | 577.5  | 578.7  | 580.0  | 581.2  | 582.3  | 582.9  | 583.7  |
| 132.5° | 610.4  | 609.4  | 608.5  | 607.5  | 608.5  | 609.4  | 610.4  | 611.4  | 612.3  | 613.2  | 614.0  |
| 135°   | 657.0  | 656.6  | 656.3  | 656.0  | 656.3  | 656.6  | 657.0  | 657.4  | 657.9  | 658.7  | 659.4  |
| 137.5° | 700.8  | 700.1  | 699.4  | 698.8  | 699.4  | 700.1  | 700.8  | 701.5  | 702.2  | 703.0  | 703.8  |
| 140°   | 730.6  | 729.3  | 728.1  | 726.8  | 728.1  | 729.3  | 730.6  | 731.8  | 732.5  | 732.7  | 732.9  |
| 142.5° | 758.3  | 757.3  | 756.4  | 755.4  | 756.4  | 757.3  | 758.3  | 759.3  | 759.9  | 760.1  | 760.3  |
| 145°   | 798.9  | 798.2  | 797.4  | 796.7  | 797.4  | 798.2  | 798.9  | 799.6  | 800.1  | 800.3  | 800.5  |
| 147.5° | 836.8  | 835.7  | 834.6  | 833.6  | 834.6  | 835.7  | 836.8  | 837.9  | 838.5  | 838.5  | 838.5  |
| 150°   | 860.2  | 859.2  | 858.0  | 857.0  | 858.0  | 859.2  | 860.2  | 861.3  | 861.9  | 861.9  | 861.9  |
| 152.5° | 882.6  | 881.7  | 880.7  | 879.8  | 880.7  | 881.7  | 882.6  | 883.5  | 883.9  | 883.5  | 883.3  |
| 155°   | 914.5  | 913.2  | 911.9  | 910.7  | 911.9  | 913.2  | 914.5  | 915.7  | 916.0  | 915.3  | 914.6  |
| 157.5° | 941.9  | 940.9  | 939.9  | 938.8  | 939.9  | 940.9  | 941.9  | 942.9  | 943.1  | 942.2  | 941.5  |
| 160°   | 959.3  | 958.5  | 957.8  | 957.1  | 957.8  | 958.5  | 959.3  | 959.9  | 959.9  | 959.0  | 958.1  |
| 162.5° | 974.2  | 973.1  | 971.9  | 970.8  | 971.9  | 973.1  | 974.2  | 975.3  | 975.5  | 974.6  | 973.7  |
| 165°   | 994.3  | 993.0  | 991.7  | 990.4  | 991.7  | 993.0  | 994.3  | 995.5  | 995.6  | 994.5  | 993.4  |
| 167.5° | 1010.6 | 1009.4 | 1008.4 | 1007.2 | 1008.4 | 1009.4 | 1010.6 | 1011.7 | 1011.7 | 1010.6 | 1009.4 |
| 170°   | 1019.5 | 1018.2 | 1016.9 | 1015.7 | 1016.9 | 1018.2 | 1019.5 | 1020.8 | 1020.8 | 1019.5 | 1018.2 |
| 172.5° | 1026.0 | 1024.7 | 1023.4 | 1022.1 | 1023.4 | 1024.7 | 1026.0 | 1027.3 | 1027.3 | 1026.2 | 1025.1 |
| 175°   | 1033.3 | 1032.0 | 1030.8 | 1029.5 | 1030.8 | 1032.0 | 1033.3 | 1034.5 | 1034.7 | 1033.6 | 1032.5 |
| 177.5° | 1036.5 | 1035.4 | 1034.5 | 1033.4 | 1034.5 | 1035.4 | 1036.5 | 1037.5 | 1037.5 | 1036.7 | 1035.8 |
| 180°   | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 |
| 2.5°   | 1098.0 | 1098.0 | 1106.5 | 1111.8 | 1118.5 | 1122.9 | 1126.0 | 1129.1 | 1134.5 | 1141.6 | 1149.6 |
| 5°     | 1035.3 | 1037.5 | 1049.7 | 1061.9 | 1073.6 | 1083.5 | 1091.8 | 1101.9 | 1114.0 | 1129.0 | 1145.7 |
| 7.5°   | 974.4  | 983.0  | 995.3  | 1010.2 | 1026.5 | 1041.1 | 1055.8 | 1072.2 | 1089.4 | 1111.5 | 1134.8 |
| 10°    | 935.4  | 944.9  | 959.8  | 978.7  | 995.9  | 1013.1 | 1031.4 | 1049.1 | 1070.7 | 1096.8 | 1126.8 |
| 12.5°  | 901.2  | 910.2  | 925.6  | 946.2  | 962.6  | 981.5  | 1002.5 | 1025.6 | 1049.9 | 1081.3 | 1115.2 |
| 15°    | 853.9  | 864.4  | 883.2  | 893.2  | 918.2  | 940.9  | 960.3  | 993.7  | 1024.7 | 1056.9 | 1096.3 |
| 17.5°  | 815.0  | 820.9  | 836.2  | 854.8  | 873.3  | 898.9  | 924.3  | 952.0  | 983.0  | 1022.4 | 1071.6 |
| 20°    | 788.4  | 793.4  | 810.0  | 829.4  | 849.4  | 872.7  | 895.4  | 923.2  | 958.1  | 999.7  | 1053.0 |
| 22.5°  | 768.4  | 773.8  | 784.7  | 805.4  | 824.1  | 843.4  | 866.2  | 899.2  | 936.4  | 977.1  | 1034.9 |
| 25°    | 739.6  | 742.9  | 750.1  | 766.7  | 783.4  | 805.0  | 825.0  | 856.1  | 894.4  | 942.1  | 999.7  |
| 27.5°  | 712.2  | 715.3  | 721.4  | 733.4  | 748.9  | 766.4  | 788.1  | 814.6  | 853.4  | 905.2  | 966.5  |
| 30°    | 695.7  | 696.3  | 701.8  | 712.9  | 726.3  | 740.7  | 760.7  | 790.6  | 827.2  | 880.0  | 944.3  |
| 32.5°  | 681.5  | 679.4  | 683.2  | 691.6  | 704.5  | 718.9  | 735.3  | 764.8  | 800.1  | 852.0  | 918.1  |
| 35°    | 657.5  | 656.3  | 654.7  | 661.9  | 672.9  | 684.0  | 698.5  | 720.7  | 760.7  | 808.9  | 878.2  |
| 37.5°  | 632.9  | 630.2  | 627.3  | 630.6  | 639.3  | 650.8  | 663.3  | 683.1  | 717.5  | 770.6  | 837.0  |
| 40°    | 614.7  | 612.5  | 610.8  | 609.8  | 617.5  | 628.6  | 638.1  | 656.9  | 689.1  | 739.6  | 805.0  |
| 42.5°  | 594.8  | 593.5  | 591.3  | 589.8  | 596.2  | 604.6  | 614.5  | 631.1  | 663.3  | 710.7  | 772.7  |
| 45°    | 562.6  | 561.5  | 560.4  | 559.2  | 563.1  | 570.9  | 578.7  | 590.8  | 618.6  | 664.6  | 720.7  |
| 47.5°  | 526.8  | 525.3  | 525.7  | 524.0  | 527.7  | 533.0  | 538.3  | 551.5  | 578.1  | 615.3  | 656.2  |
| 50°    | 501.0  | 500.4  | 500.4  | 500.4  | 501.6  | 507.6  | 512.7  | 522.6  | 547.1  | 584.2  | 613.6  |
| 52.5°  | 476.5  | 474.3  | 474.3  | 475.2  | 477.1  | 481.0  | 484.2  | 495.1  | 516.4  | 546.9  | 573.6  |
| 55°    | 438.3  | 433.8  | 432.8  | 433.8  | 435.5  | 438.9  | 442.2  | 451.0  | 469.4  | 492.1  | 507.6  |
| 57.5°  | 395.9  | 393.5  | 392.0  | 392.2  | 393.1  | 395.8  | 398.4  | 408.0  | 422.4  | 434.3  | 444.3  |
| 60°    | 366.2  | 367.3  | 362.3  | 363.4  | 363.4  | 365.6  | 369.5  | 375.6  | 387.8  | 396.2  | 406.1  |
| 62.5°  | 338.2  | 336.6  | 335.3  | 333.6  | 333.6  | 334.5  | 339.7  | 344.5  | 355.0  | 359.3  | 367.0  |
| 65°    | 294.6  | 294.6  | 291.3  | 292.4  | 292.9  | 289.0  | 291.8  | 297.3  | 304.0  | 305.7  | 312.9  |
| 67.5°  | 250.5  | 248.9  | 247.0  | 245.3  | 245.3  | 245.0  | 246.5  | 249.2  | 254.2  | 254.8  | 260.3  |
| 70°    | 220.3  | 219.2  | 218.6  | 217.0  | 214.7  | 217.5  | 215.8  | 218.6  | 221.4  | 221.9  | 225.3  |
| 72.5°  | 190.9  | 189.9  | 188.8  | 187.2  | 186.3  | 186.0  | 186.1  | 189.3  | 191.2  | 190.4  | 194.2  |
| 75°    | 149.3  | 148.1  | 147.0  | 144.2  | 144.2  | 142.6  | 143.2  | 145.4  | 147.6  | 145.9  | 149.3  |
| 77.5°  | 109.7  | 106.2  | 106.0  | 106.7  | 104.8  | 105.2  | 104.5  | 104.2  | 105.2  | 105.3  | 108.3  |
| 80°    | 84.3   | 80.5   | 81.5   | 81.0   | 80.5   | 79.9   | 78.8   | 79.3   | 79.9   | 80.5   | 82.1   |
| 82.5°  | 60.8   | 60.5   | 59.4   | 59.3   | 58.7   | 57.2   | 56.6   | 57.6   | 58.1   | 57.8   | 59.0   |
| 85°    | 31.1   | 29.4   | 30.5   | 29.9   | 30.5   | 29.9   | 28.3   | 28.3   | 29.4   | 28.9   | 29.9   |
| 87.5°  | 13.4   | 13.2   | 12.3   | 12.3   | 11.3   | 11.3   | 10.5   | 10.6   | 10.7   | 10.3   | 10.8   |
| 90°    | 20.2   | 19.6   | 17.2   | 14.8   | 12.5   | 10.1   | 8.1    | 6.3    | 4.4    | 2.6    | 0.8    |
| 92.5°  | 31.8   | 31.2   | 29.9   | 28.5   | 27.2   | 25.9   | 24.6   | 23.4   | 22.2   | 21.0   | 19.7   |
| 95°    | 61.0   | 60.3   | 58.8   | 57.3   | 55.8   | 54.5   | 53.1   | 51.9   | 50.5   | 49.2   | 48.0   |
| 97.5°  | 95.1   | 94.2   | 93.2   | 92.1   | 91.1   | 90.0   | 89.0   | 88.1   | 87.2   | 86.3   | 85.3   |
| 100°   | 120.2  | 119.6  | 118.7  | 117.8  | 116.9  | 116.0  | 115.0  | 113.9  | 112.8  | 111.8  | 110.7  |
| 102.5° | 148.8  | 148.3  | 147.1  | 145.9  | 144.7  | 143.5  | 142.6  | 141.9  | 141.3  | 140.6  | 140.0  |
| 105°   | 192.1  | 192.1  | 190.5  | 188.8  | 187.2  | 185.6  | 184.6  | 184.2  | 183.8  | 183.4  | 183.1  |
| 107.5° | 237.7  | 237.2  | 236.5  | 235.9  | 235.2  | 234.6  | 234.2  | 233.9  | 233.7  | 233.5  | 233.3  |
| 110°   | 268.5  | 267.7  | 267.4  | 267.0  | 266.7  | 266.3  | 266.0  | 265.5  | 265.2  | 264.9  | 264.5  |



TEST NUMBER: P332028-930

CATALOG NUMBER: S123DIP-S1000D1025U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 299.2  | 298.3  | 298.3  | 298.2  | 298.2  | 298.1  | 297.9  | 297.7  | 297.5  | 297.3  | 297.0  |
| 115°   | 346.9  | 346.7  | 347.1  | 347.4  | 347.8  | 348.1  | 348.1  | 347.5  | 347.0  | 346.4  | 345.8  |
| 117.5° | 394.5  | 394.5  | 395.0  | 395.5  | 396.0  | 396.4  | 396.5  | 396.2  | 395.7  | 395.4  | 395.0  |
| 120°   | 426.2  | 426.5  | 427.4  | 428.3  | 429.2  | 430.1  | 430.0  | 428.9  | 427.8  | 426.7  | 425.7  |
| 122.5° | 458.5  | 459.0  | 459.5  | 459.9  | 460.4  | 460.9  | 460.7  | 459.9  | 459.1  | 458.4  | 457.5  |
| 125°   | 506.3  | 507.0  | 507.4  | 507.8  | 508.1  | 508.5  | 508.3  | 507.8  | 507.3  | 506.8  | 506.2  |
| 127.5° | 553.5  | 554.6  | 555.0  | 555.4  | 555.7  | 556.1  | 555.8  | 554.6  | 553.4  | 552.3  | 551.1  |
| 130°   | 584.4  | 585.1  | 585.7  | 586.2  | 586.8  | 587.3  | 586.9  | 585.4  | 584.0  | 582.5  | 581.1  |
| 132.5° | 614.9  | 615.7  | 616.1  | 616.5  | 616.9  | 617.3  | 616.9  | 615.4  | 613.9  | 612.5  | 611.1  |
| 135°   | 660.1  | 660.8  | 661.0  | 661.2  | 661.4  | 661.5  | 661.1  | 660.0  | 658.9  | 657.9  | 656.8  |
| 137.5° | 704.5  | 705.2  | 704.8  | 704.3  | 703.8  | 703.4  | 702.7  | 701.8  | 700.9  | 700.0  | 699.1  |
| 140°   | 733.1  | 733.3  | 733.1  | 732.9  | 732.7  | 732.5  | 732.0  | 731.1  | 730.2  | 729.3  | 728.4  |
| 142.5° | 760.4  | 760.6  | 760.3  | 759.9  | 759.6  | 759.3  | 758.7  | 757.8  | 756.9  | 755.9  | 755.0  |
| 145°   | 800.6  | 800.8  | 800.3  | 799.7  | 799.2  | 798.7  | 798.2  | 797.9  | 797.4  | 797.1  | 796.7  |
| 147.5° | 838.5  | 838.5  | 837.9  | 837.4  | 836.9  | 836.4  | 835.8  | 835.2  | 834.5  | 833.9  | 833.2  |
| 150°   | 861.9  | 861.9  | 861.5  | 861.1  | 860.8  | 860.4  | 860.1  | 859.7  | 859.3  | 859.0  | 858.6  |
| 152.5° | 883.0  | 882.7  | 882.5  | 882.2  | 882.1  | 881.8  | 881.4  | 880.9  | 880.4  | 880.0  | 879.5  |
| 155°   | 913.9  | 913.1  | 913.0  | 912.7  | 912.6  | 912.4  | 912.3  | 912.3  | 912.3  | 912.3  | 912.3  |
| 157.5° | 940.8  | 940.0  | 939.9  | 939.7  | 939.6  | 939.4  | 939.5  | 939.6  | 939.9  | 940.1  | 940.3  |
| 160°   | 957.2  | 956.3  | 956.3  | 956.3  | 956.3  | 956.3  | 956.4  | 956.8  | 957.2  | 957.5  | 957.9  |
| 162.5° | 972.8  | 971.9  | 971.8  | 971.6  | 971.4  | 971.3  | 971.5  | 972.0  | 972.5  | 973.0  | 973.5  |
| 165°   | 992.3  | 991.2  | 991.2  | 991.2  | 991.2  | 991.2  | 991.6  | 992.1  | 992.6  | 993.1  | 993.7  |
| 167.5° | 1008.4 | 1007.2 | 1007.1 | 1006.9 | 1006.8 | 1006.7 | 1006.9 | 1007.6 | 1008.4 | 1009.1 | 1009.8 |
| 170°   | 1016.9 | 1015.7 | 1015.7 | 1015.7 | 1015.7 | 1015.7 | 1016.0 | 1016.8 | 1017.5 | 1018.2 | 1019.0 |
| 172.5° | 1023.9 | 1022.8 | 1022.8 | 1022.8 | 1022.8 | 1022.8 | 1023.2 | 1023.9 | 1024.7 | 1025.4 | 1026.1 |
| 175°   | 1031.4 | 1030.3 | 1030.3 | 1030.3 | 1030.3 | 1030.3 | 1030.7 | 1031.4 | 1032.1 | 1032.8 | 1033.6 |
| 177.5° | 1034.9 | 1034.0 | 1034.0 | 1034.0 | 1034.0 | 1034.0 | 1034.4 | 1034.9 | 1035.5 | 1036.1 | 1036.7 |
| 180°   | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 |



TEST NUMBER: P332028-930

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**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 |
| 2.5°   | 1152.2 | 1154.5 | 1162.0 | 1167.3 | 1173.5 | 1177.0 | 1180.6 | 1183.3 | 1186.8 | 1187.7 | 1200.6 |
| 5°     | 1157.3 | 1168.4 | 1187.8 | 1202.2 | 1220.0 | 1239.4 | 1252.7 | 1258.8 | 1275.0 | 1288.3 | 1314.9 |
| 7.5°   | 1155.8 | 1179.5 | 1208.8 | 1239.2 | 1271.9 | 1302.0 | 1328.2 | 1359.3 | 1381.4 | 1414.5 | 1447.2 |
| 10°    | 1154.5 | 1186.2 | 1223.9 | 1262.7 | 1308.2 | 1350.4 | 1388.1 | 1430.3 | 1465.3 | 1511.3 | 1550.7 |
| 12.5°  | 1150.6 | 1188.9 | 1241.2 | 1287.1 | 1342.4 | 1400.5 | 1456.5 | 1510.6 | 1541.6 | 1618.3 | 1654.6 |
| 15°    | 1140.7 | 1186.2 | 1251.6 | 1321.5 | 1397.6 | 1466.3 | 1537.3 | 1594.0 | 1685.5 | 1752.6 | 1795.4 |
| 17.5°  | 1121.9 | 1185.5 | 1263.1 | 1347.5 | 1439.9 | 1530.6 | 1611.0 | 1697.0 | 1794.0 | 1875.3 | 1961.8 |
| 20°    | 1113.0 | 1182.8 | 1269.4 | 1362.6 | 1458.6 | 1561.2 | 1652.8 | 1756.0 | 1861.9 | 1941.8 | 2052.8 |
| 22.5°  | 1096.5 | 1175.7 | 1268.9 | 1372.8 | 1475.4 | 1581.6 | 1688.7 | 1792.8 | 1915.2 | 2025.3 | 2130.9 |
| 25°    | 1069.7 | 1158.5 | 1255.0 | 1370.9 | 1491.3 | 1597.8 | 1726.0 | 1864.2 | 1991.8 | 2133.2 | 2238.6 |
| 27.5°  | 1041.5 | 1136.2 | 1233.0 | 1340.8 | 1470.3 | 1596.8 | 1757.9 | 1914.1 | 2070.0 | 2192.3 | 2270.3 |
| 30°    | 1019.7 | 1111.8 | 1211.7 | 1320.5 | 1448.6 | 1599.0 | 1779.2 | 1949.5 | 2101.6 | 2206.4 | 2250.3 |
| 32.5°  | 996.2  | 1089.6 | 1177.9 | 1292.0 | 1428.6 | 1597.6 | 1792.6 | 1970.4 | 2103.4 | 2173.2 | 2164.6 |
| 35°    | 959.3  | 1037.5 | 1123.5 | 1233.3 | 1394.2 | 1587.9 | 1800.3 | 1972.3 | 2053.9 | 2038.9 | 1925.7 |
| 37.5°  | 906.0  | 971.8  | 1056.5 | 1176.7 | 1354.3 | 1567.3 | 1784.8 | 1913.8 | 1908.5 | 1786.6 | 1622.6 |
| 40°    | 872.7  | 928.7  | 1010.3 | 1136.8 | 1323.2 | 1554.0 | 1760.4 | 1844.2 | 1773.2 | 1602.8 | 1406.4 |
| 42.5°  | 829.2  | 880.8  | 962.4  | 1092.4 | 1289.1 | 1526.9 | 1713.8 | 1738.1 | 1599.1 | 1403.1 | 1223.1 |
| 45°    | 761.7  | 807.2  | 891.5  | 1025.8 | 1237.8 | 1468.0 | 1600.0 | 1540.7 | 1353.7 | 1151.2 | 1014.2 |
| 47.5°  | 689.3  | 736.5  | 817.7  | 955.6  | 1163.7 | 1379.3 | 1442.3 | 1316.0 | 1124.1 | 959.8  | 834.0  |
| 50°    | 643.6  | 689.1  | 768.4  | 907.7  | 1113.5 | 1306.6 | 1332.6 | 1169.5 | 993.1  | 848.9  | 745.7  |
| 52.5°  | 597.5  | 640.3  | 718.3  | 857.9  | 1054.9 | 1222.2 | 1206.2 | 1039.9 | 877.7  | 754.7  | 673.8  |
| 55°    | 528.7  | 569.2  | 643.6  | 774.5  | 953.7  | 1086.3 | 1028.1 | 869.4  | 735.2  | 639.7  | 578.1  |
| 57.5°  | 467.2  | 506.1  | 570.2  | 688.5  | 844.3  | 935.4  | 861.3  | 727.6  | 620.9  | 547.4  | 501.4  |
| 60°    | 425.5  | 459.9  | 521.0  | 630.8  | 766.2  | 835.5  | 762.3  | 644.2  | 554.2  | 495.5  | 454.4  |
| 62.5°  | 386.0  | 416.0  | 472.5  | 572.3  | 689.8  | 748.1  | 674.0  | 574.0  | 497.4  | 445.3  | 410.4  |
| 65°    | 326.2  | 353.4  | 403.3  | 481.0  | 577.6  | 616.4  | 552.6  | 471.6  | 412.2  | 373.4  | 350.1  |
| 67.5°  | 271.7  | 294.7  | 337.9  | 399.0  | 470.0  | 498.3  | 449.7  | 387.0  | 342.3  | 311.1  | 292.6  |
| 70°    | 235.2  | 255.2  | 289.0  | 341.8  | 406.1  | 427.8  | 382.3  | 330.7  | 297.9  | 273.0  | 255.8  |
| 72.5°  | 204.6  | 219.2  | 250.0  | 290.7  | 344.4  | 361.6  | 329.9  | 284.5  | 254.0  | 235.2  | 221.6  |
| 75°    | 155.9  | 168.1  | 188.1  | 220.8  | 258.0  | 268.0  | 244.1  | 215.8  | 195.3  | 182.0  | 171.5  |
| 77.5°  | 112.4  | 121.4  | 135.8  | 156.0  | 181.7  | 190.8  | 175.6  | 156.8  | 141.8  | 132.8  | 126.9  |
| 80°    | 84.9   | 92.1   | 104.3  | 120.9  | 136.5  | 141.5  | 132.6  | 118.1  | 107.6  | 102.6  | 97.7   |
| 82.5°  | 62.7   | 66.8   | 74.1   | 85.4   | 96.1   | 102.0  | 94.4   | 85.8   | 80.1   | 75.6   | 73.7   |
| 85°    | 31.6   | 33.8   | 37.2   | 41.6   | 48.3   | 50.5   | 47.7   | 45.5   | 42.2   | 39.4   | 39.4   |
| 87.5°  | 12.1   | 12.4   | 14.1   | 15.4   | 17.5   | 19.3   | 19.4   | 19.0   | 19.0   | 18.7   | 18.4   |
| 90°    | 2.6    | 4.4    | 6.3    | 8.1    | 10.1   | 12.5   | 14.8   | 17.2   | 19.6   | 20.2   | 21.0   |
| 92.5°  | 21.0   | 22.2   | 23.4   | 24.6   | 25.9   | 27.2   | 28.5   | 29.9   | 31.2   | 31.8   | 32.4   |
| 95°    | 49.2   | 50.5   | 51.9   | 53.1   | 54.5   | 55.8   | 57.3   | 58.8   | 60.3   | 61.0   | 61.6   |
| 97.5°  | 86.3   | 87.2   | 88.1   | 89.0   | 90.0   | 91.1   | 92.1   | 93.2   | 94.2   | 95.1   | 95.9   |
| 100°   | 111.8  | 112.8  | 113.9  | 115.0  | 116.0  | 116.9  | 117.8  | 118.7  | 119.6  | 120.2  | 120.7  |
| 102.5° | 140.6  | 141.3  | 141.9  | 142.6  | 143.5  | 144.7  | 145.9  | 147.1  | 148.3  | 148.8  | 149.4  |
| 105°   | 183.4  | 183.8  | 184.2  | 184.6  | 185.6  | 187.2  | 188.8  | 190.5  | 192.1  | 192.1  | 192.1  |
| 107.5° | 233.5  | 233.7  | 233.9  | 234.2  | 234.6  | 235.2  | 235.9  | 236.5  | 237.2  | 237.7  | 238.3  |
| 110°   | 264.9  | 265.2  | 265.5  | 266.0  | 266.3  | 266.7  | 267.0  | 267.4  | 267.7  | 268.5  | 269.2  |





TEST NUMBER: P332028-930

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**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 297.3  | 297.5  | 297.7  | 297.9  | 298.1  | 298.2  | 298.2  | 298.3  | 298.3  | 299.2  | 300.1  |
| 115°   | 346.4  | 347.0  | 347.5  | 348.1  | 348.1  | 347.8  | 347.4  | 347.1  | 346.7  | 346.9  | 347.1  |
| 117.5° | 395.4  | 395.7  | 396.2  | 396.5  | 396.4  | 396.0  | 395.5  | 395.0  | 394.5  | 394.5  | 394.4  |
| 120°   | 426.7  | 427.8  | 428.9  | 430.0  | 430.1  | 429.2  | 428.3  | 427.4  | 426.5  | 426.2  | 426.1  |
| 122.5° | 458.4  | 459.1  | 459.9  | 460.7  | 460.9  | 460.4  | 459.9  | 459.5  | 459.0  | 458.5  | 458.0  |
| 125°   | 506.8  | 507.3  | 507.8  | 508.3  | 508.5  | 508.1  | 507.8  | 507.4  | 507.0  | 506.3  | 505.6  |
| 127.5° | 552.3  | 553.4  | 554.6  | 555.8  | 556.1  | 555.7  | 555.4  | 555.0  | 554.6  | 553.5  | 552.5  |
| 130°   | 582.5  | 584.0  | 585.4  | 586.9  | 587.3  | 586.8  | 586.2  | 585.7  | 585.1  | 584.4  | 583.7  |
| 132.5° | 612.5  | 613.9  | 615.4  | 616.9  | 617.3  | 616.9  | 616.5  | 616.1  | 615.7  | 614.9  | 614.0  |
| 135°   | 657.9  | 658.9  | 660.0  | 661.1  | 661.5  | 661.4  | 661.2  | 661.0  | 660.8  | 660.1  | 659.4  |
| 137.5° | 700.0  | 700.9  | 701.8  | 702.7  | 703.4  | 703.8  | 704.3  | 704.8  | 705.2  | 704.5  | 703.8  |
| 140°   | 729.3  | 730.2  | 731.1  | 732.0  | 732.5  | 732.7  | 732.9  | 733.1  | 733.3  | 733.1  | 732.9  |
| 142.5° | 755.9  | 756.9  | 757.8  | 758.7  | 759.3  | 759.6  | 759.9  | 760.3  | 760.6  | 760.4  | 760.3  |
| 145°   | 797.1  | 797.4  | 797.9  | 798.2  | 798.7  | 799.2  | 799.7  | 800.3  | 800.8  | 800.6  | 800.5  |
| 147.5° | 833.9  | 834.5  | 835.2  | 835.8  | 836.4  | 836.9  | 837.4  | 837.9  | 838.5  | 838.5  | 838.5  |
| 150°   | 859.0  | 859.3  | 859.7  | 860.1  | 860.4  | 860.8  | 861.1  | 861.5  | 861.9  | 861.9  | 861.9  |
| 152.5° | 880.0  | 880.4  | 880.9  | 881.4  | 881.8  | 882.1  | 882.2  | 882.5  | 882.7  | 883.0  | 883.3  |
| 155°   | 912.3  | 912.3  | 912.3  | 912.3  | 912.4  | 912.6  | 912.7  | 913.0  | 913.1  | 913.9  | 914.6  |
| 157.5° | 940.1  | 939.9  | 939.6  | 939.5  | 939.4  | 939.6  | 939.7  | 939.9  | 940.0  | 940.8  | 941.5  |
| 160°   | 957.5  | 957.2  | 956.8  | 956.4  | 956.3  | 956.3  | 956.3  | 956.3  | 956.3  | 957.2  | 958.1  |
| 162.5° | 973.0  | 972.5  | 972.0  | 971.5  | 971.3  | 971.4  | 971.6  | 971.8  | 971.9  | 972.8  | 973.7  |
| 165°   | 993.1  | 992.6  | 992.1  | 991.6  | 991.2  | 991.2  | 991.2  | 991.2  | 991.2  | 992.3  | 993.4  |
| 167.5° | 1009.1 | 1008.4 | 1007.6 | 1006.9 | 1006.7 | 1006.8 | 1006.9 | 1007.1 | 1007.2 | 1008.4 | 1009.4 |
| 170°   | 1018.2 | 1017.5 | 1016.8 | 1016.0 | 1015.7 | 1015.7 | 1015.7 | 1015.7 | 1015.7 | 1016.9 | 1018.2 |
| 172.5° | 1025.4 | 1024.7 | 1023.9 | 1023.2 | 1022.8 | 1022.8 | 1022.8 | 1022.8 | 1022.8 | 1023.9 | 1025.1 |
| 175°   | 1032.8 | 1032.1 | 1031.4 | 1030.7 | 1030.3 | 1030.3 | 1030.3 | 1030.3 | 1030.3 | 1031.4 | 1032.5 |
| 177.5° | 1036.1 | 1035.5 | 1034.9 | 1034.4 | 1034.0 | 1034.0 | 1034.0 | 1034.0 | 1034.0 | 1034.9 | 1035.8 |
| 180°   | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 |



TEST NUMBER: P332028-930

CATALOG NUMBER: S123DIP-S1000D1025U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 | 1145.1 |
| 2.5°   | 1205.0 | 1205.5 | 1210.4 | 1213.9 | 1212.1 | 1214.4 | 1215.2 |
| 5°     | 1316.5 | 1336.5 | 1347.0 | 1354.9 | 1355.4 | 1355.9 | 1360.4 |
| 7.5°   | 1474.6 | 1496.1 | 1511.7 | 1535.5 | 1542.5 | 1550.7 | 1548.3 |
| 10°    | 1590.1 | 1621.7 | 1648.9 | 1663.3 | 1678.9 | 1701.6 | 1683.3 |
| 12.5°  | 1697.9 | 1754.0 | 1795.4 | 1817.8 | 1832.4 | 1837.0 | 1828.0 |
| 15°    | 1875.8 | 1949.1 | 1988.4 | 1987.3 | 2037.3 | 2058.9 | 2025.0 |
| 17.5°  | 2038.9 | 2106.5 | 2160.6 | 2188.3 | 2230.0 | 2239.2 | 2235.0 |
| 20°    | 2138.8 | 2212.6 | 2254.7 | 2302.4 | 2324.1 | 2343.5 | 2346.8 |
| 22.5°  | 2224.9 | 2291.2 | 2336.4 | 2376.1 | 2394.2 | 2403.4 | 2409.0 |
| 25°    | 2313.5 | 2365.7 | 2392.9 | 2406.8 | 2411.7 | 2410.6 | 2403.4 |
| 27.5°  | 2307.5 | 2311.5 | 2281.5 | 2252.1 | 2225.8 | 2196.2 | 2185.9 |
| 30°    | 2247.5 | 2200.9 | 2117.7 | 2070.5 | 2001.2 | 1946.3 | 1968.5 |
| 32.5°  | 2089.9 | 1997.2 | 1903.7 | 1800.7 | 1715.3 | 1691.0 | 1666.6 |
| 35°    | 1783.7 | 1620.6 | 1525.2 | 1414.2 | 1369.8 | 1325.4 | 1294.9 |
| 37.5°  | 1443.1 | 1316.9 | 1203.7 | 1131.1 | 1086.6 | 1058.6 | 1043.5 |
| 40°    | 1247.7 | 1134.0 | 1040.8 | 982.0  | 948.2  | 916.6  | 912.1  |
| 42.5°  | 1091.9 | 986.2  | 916.1  | 869.3  | 836.7  | 823.3  | 813.6  |
| 45°    | 894.4  | 820.5  | 773.4  | 740.1  | 718.4  | 710.1  | 699.0  |
| 47.5°  | 757.0  | 704.8  | 669.4  | 646.8  | 630.5  | 624.3  | 623.4  |
| 50°    | 680.2  | 636.9  | 610.8  | 593.0  | 580.3  | 578.1  | 569.2  |
| 52.5°  | 622.5  | 585.0  | 564.7  | 549.2  | 540.0  | 533.7  | 531.1  |
| 55°    | 540.4  | 515.4  | 497.1  | 488.2  | 481.0  | 474.9  | 474.9  |
| 57.5°  | 472.8  | 451.9  | 439.9  | 432.3  | 430.1  | 425.7  | 423.0  |
| 60°    | 431.0  | 413.4  | 403.9  | 397.2  | 392.8  | 393.4  | 388.3  |
| 62.5°  | 390.3  | 378.7  | 369.7  | 363.1  | 357.8  | 357.8  | 358.2  |
| 65°    | 332.3  | 323.4  | 316.8  | 314.5  | 311.3  | 307.4  | 308.5  |
| 67.5°  | 281.6  | 273.3  | 268.1  | 264.3  | 263.2  | 261.1  | 264.3  |
| 70°    | 245.2  | 239.1  | 235.2  | 231.9  | 230.8  | 231.4  | 234.2  |
| 72.5°  | 211.9  | 207.6  | 205.0  | 203.5  | 201.1  | 201.1  | 203.1  |
| 75°    | 166.4  | 163.1  | 160.9  | 159.2  | 158.7  | 158.7  | 158.7  |
| 77.5°  | 122.3  | 121.5  | 120.5  | 118.1  | 118.1  | 118.9  | 119.0  |
| 80°    | 96.5   | 94.9   | 94.3   | 93.2   | 91.6   | 90.4   | 93.2   |
| 82.5°  | 72.2   | 70.4   | 69.9   | 69.7   | 67.1   | 66.9   | 69.2   |
| 85°    | 38.8   | 37.2   | 37.7   | 37.2   | 37.2   | 36.6   | 36.6   |
| 87.5°  | 18.1   | 17.8   | 17.4   | 18.0   | 17.6   | 17.2   | 18.2   |
| 90°    | 21.7   | 22.4   | 23.0   | 23.3   | 23.7   | 24.1   | 24.4   |
| 92.5°  | 33.0   | 33.6   | 33.8   | 33.5   | 33.3   | 33.1   | 32.9   |
| 95°    | 62.4   | 63.1   | 63.5   | 63.5   | 63.5   | 63.5   | 63.5   |
| 97.5°  | 96.8   | 97.6   | 97.9   | 97.9   | 97.8   | 97.8   | 97.7   |
| 100°   | 121.2  | 121.8  | 122.3  | 122.6  | 122.9  | 123.4  | 123.7  |
| 102.5° | 149.9  | 150.4  | 150.7  | 150.6  | 150.5  | 150.5  | 150.4  |
| 105°   | 192.1  | 192.1  | 192.2  | 192.6  | 193.0  | 193.3  | 193.7  |
| 107.5° | 238.9  | 239.5  | 239.6  | 239.5  | 239.2  | 239.0  | 238.8  |
| 110°   | 269.9  | 270.7  | 270.8  | 270.4  | 270.1  | 269.8  | 269.4  |



TEST NUMBER: P332028-930

CATALOG NUMBER: S123DIP-S1000D1025U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 300.9  | 301.8  | 302.2  | 302.1  | 302.1  | 302.0  | 301.9  |
| 115°   | 347.2  | 347.4  | 347.4  | 347.2  | 347.1  | 346.9  | 346.7  |
| 117.5° | 394.4  | 394.4  | 394.1  | 393.6  | 393.1  | 392.6  | 392.1  |
| 120°   | 425.9  | 425.7  | 425.4  | 425.1  | 424.8  | 424.4  | 424.0  |
| 122.5° | 457.6  | 457.1  | 456.6  | 456.2  | 455.6  | 455.1  | 454.6  |
| 125°   | 504.8  | 504.1  | 503.4  | 502.7  | 502.0  | 501.2  | 500.5  |
| 127.5° | 551.5  | 550.5  | 549.6  | 548.8  | 547.9  | 547.1  | 546.3  |
| 130°   | 582.9  | 582.3  | 581.2  | 580.0  | 578.7  | 577.5  | 576.2  |
| 132.5° | 613.2  | 612.3  | 611.4  | 610.4  | 609.4  | 608.5  | 607.5  |
| 135°   | 658.7  | 657.9  | 657.4  | 657.0  | 656.6  | 656.3  | 656.0  |
| 137.5° | 703.0  | 702.2  | 701.5  | 700.8  | 700.1  | 699.4  | 698.8  |
| 140°   | 732.7  | 732.5  | 731.8  | 730.6  | 729.3  | 728.1  | 726.8  |
| 142.5° | 760.1  | 759.9  | 759.3  | 758.3  | 757.3  | 756.4  | 755.4  |
| 145°   | 800.3  | 800.1  | 799.6  | 798.9  | 798.2  | 797.4  | 796.7  |
| 147.5° | 838.5  | 838.5  | 837.9  | 836.8  | 835.7  | 834.6  | 833.6  |
| 150°   | 861.9  | 861.9  | 861.3  | 860.2  | 859.2  | 858.0  | 857.0  |
| 152.5° | 883.5  | 883.9  | 883.5  | 882.6  | 881.7  | 880.7  | 879.8  |
| 155°   | 915.3  | 916.0  | 915.7  | 914.5  | 913.2  | 911.9  | 910.7  |
| 157.5° | 942.2  | 943.1  | 942.9  | 941.9  | 940.9  | 939.9  | 938.8  |
| 160°   | 959.0  | 959.9  | 959.9  | 959.3  | 958.5  | 957.8  | 957.1  |
| 162.5° | 974.6  | 975.5  | 975.3  | 974.2  | 973.1  | 971.9  | 970.8  |
| 165°   | 994.5  | 995.6  | 995.5  | 994.3  | 993.0  | 991.7  | 990.4  |
| 167.5° | 1010.6 | 1011.7 | 1011.7 | 1010.6 | 1009.4 | 1008.4 | 1007.2 |
| 170°   | 1019.5 | 1020.8 | 1020.8 | 1019.5 | 1018.2 | 1016.9 | 1015.7 |
| 172.5° | 1026.2 | 1027.3 | 1027.3 | 1026.0 | 1024.7 | 1023.4 | 1022.1 |
| 175°   | 1033.6 | 1034.7 | 1034.5 | 1033.3 | 1032.0 | 1030.8 | 1029.5 |
| 177.5° | 1036.7 | 1037.5 | 1037.5 | 1036.5 | 1035.4 | 1034.5 | 1033.4 |
| 180°   | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 | 1036.0 |

(END OF REPORT)